

Office for
Students



2021-22 Individualised Learner Record (ILR) data checking tool

HESES21 comparison technical document

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Summary

1. This document describes the Higher Education Students Early Statistics Survey 2021-22 (HESES21) comparison files supplied as part of the 2021-22 Individualised Learner Record (ILR) data checking tool and the algorithms used to generate the data needed to recreate HESES21 from 2021-22 ILR data. Throughout the document, fields taken or derived from the ILR record are shown in capitals.
2. The HESES21 comparison outputs can be used by higher education providers to verify and correct their 2021-22 individualised student data before submitting the final data to the Education and Skills Funding Agency (ESFA).
3. The HESES21 comparison output is formed of two files. These are:
 - a. HESES21 comparison workbook 'HES21_DCT_XXXXXXXX.xlsx' (where XXXXXXXX is the UK Provider Reference Number (UKPRN) for the provider).
 - b. HESES21 comparison individualised file 'HES21_DCT_XXXXXXXX_IND.csv'.

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

4. These files can be accessed from the '2021-22 Data checking tool' area of the OfS portal. Details will be emailed to the named student data contacts at providers when outputs become 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 2021 to 2022' (available from the Education and Skills Funding Agency at <https://guidance.submit-learner-data.service.gov.uk/21-22/ilr/overview>), 'HESES21 – Higher Education Students Early Statistics survey 2021-22' (www.officeforstudents.org.uk/publications/HESES21/) and the latest individualised files for the HESES20 comparison and the HESES19 comparison when using this document.
6. We will document any changes or corrections to the algorithms in this document on the OfS website (<http://www.officeforstudents.org.uk/data-and-analysis/data-checking-tool/2021-22-ilr-data-checking-tool/> under 'Updates'). Additionally, this document was updated on 18 August 2022 when the HESES21 comparison workbook was revised to include funding modelled using 2021-22 ILR data.

Changes from 2020-21 ILR post-collection outputs

7. This section describes any changes to the outputs and algorithms since the equivalent was published for the 2020-21 ILR post-collection outputs (<http://www.officeforstudents.org.uk/data-and-analysis/post-collection-outputs/ilr-post-collection-outputs/> under 'Documentation').
8. Any deletions are shown with a ~~strikethrough~~. Any other changes are shown as **bold and underlined**.

HESEC

9. This field has been updated to include a new value for Crown Dependencies domiciled students, and a new value for students domiciled in Ireland.

Value	Description	Definition
UK	UK-domiciled	DOMICILE = XF, XG, XH, XI, XK
CROWN	Crown Dependencies domiciled	DOMICILE = GG, IM, JE, XL
IE	Domiciled in Ireland	DOMICILE = IE
OEU	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

HESTYPE

10. This field has been updated to reflect the change in home fee eligibility for Crown Dependencies students, Irish students and many EU students.

Value	Description	Definition
HOMEF	Home fee OfS-fundable	LEARNDELFAM_SOF1 = 1 or (HESEC = UK, OEU and ((HESEC = UK, IE or (HESEC = CROWN and DELLOCPOSTCODE ≠ ZZ99 9ZZ) or (HESEC = OEU and LEARNSTARTDATE < 1 August 2021)) and FUNDLEV ≠ 30, 31 and LEARNDELFAM_SOF1 = 105 and HESAPPRENTICE = 1 and OFSFUNDAIM = 1)
HOMENF	Home fee non-fundable	HESEC = UK, OEU and (HESEC = UK, IE or (HESEC = CROWN and DELLOCPOSTCODE ≠ ZZ99 9ZZ) or (HESEC = OEU and LEARNSTARTDATE < 1 August 2021)) and LEARNDELFAM_SOF1 ≠ 1 and not above
ISOV	Overseas	Otherwise

PRGA, PRGB, PRGC11, PRGC12, PRGC2 and PRGD

11. These fields have been updated to reflect the split of price group C1 into price groups C1.1 and C1.2.

Field name	Definition	Value
PRGC11	HESHEALTHPROF = NURSAD, NURSCH, NURSLD, NURSMH, NURSUN and not above	1
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
PRGC11	LDCS_CO1/2/3 = BF, C (except CD, CE), DC and not above	(PCFLDCS + PCSLDCS + PCTLDCS) / 100
PRGC12	LDCS_CO1/2/3 = CD, CE, — 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

FTEA, FTEB, FTEC11, FTEC12, FTEC2 and FTED

12. These fields have been updated to reflect the split of price group C1 into price groups C1.1 and C1.2.

Field name	Value
FTEC1	PRGC1 x HESESFTE
FTEC11	PRGC11 x HESESFTE
FTEC12	PRGC12 x HESESFTE

EXCL64

13. This field has been updated to reflect the split of price group C1 into price groups C1.1 and C1.2.

Value	Description	Definition
1	No price group information and FTE of at least 0.03	HESESFTE ≥ 3 and STULOAD ≠ BLANK and (PRGA + PRGB + PRGC1 + PRGC11 + PRGC12 + PRGC2 + PRGD = 0)
0	Otherwise	Otherwise

HESRESSTAT

14. This field has been updated on 18 August to correct an error in the technical document. The code producing the outputs was correct.

Value	Description	Definition
HOMEF_UK	OfS-fundable, UK-domiciled	HESTYPE = HOMEF and HESEC = UK
HOMEF_OTH	OfS-fundable, Other	HESTYPE = HOMEF and HESEC = OEU, OTHER not above
HOMENF_UK	Non-fundable, UK-domiciled	HESTYPE = HOMENF and HESEC = UK
HOMENF_OTH	Non-fundable, Other	HESTYPE = HOMENF and HESEC = OEU, OTHER not above
ISOV	Island and overseas	Otherwise

HESES21 comparison workbook

15. The HESES21 comparison workbook is the Excel workbook 'HES21_DCT_XXXXXXXXX.xlsx' which contains the worksheets shown in Table 1. This workbook was updated on 18 August 2022 to include funding modelled using 2021-22 ILR data.

Table 1: Worksheets in the HESES21 comparison workbook

Worksheet*	Title
Cover_sheet	Office for Students: 2021-22 ILR data checking tool: HESES21 comparison
Table_of_contents	Table of contents
Key_differences	Key differences between HESES21 and recreated HESES21
Rebuild_summary	Comparison of splits of years of instance and FTE
Courses	HESES21 recreated using 2021-22 ILR data Courses table: Countable years of instance between 1 August 2021 and census date at course level
1_Full_time	HESES21 recreated using 2021-22 ILR data Table 1: Full-time counts of years of instance
2_Sandwich	HESES21 recreated using 2021-22 ILR data Table 2: Sandwich year out counts of years of instance
3_Part_time	HESES21 recreated using 2021-22 ILR data Table 3: Part-time counts of years of instance and FTE
4_Year_abroad	HESES21 recreated using 2021-22 ILR data Table 4: Home fee undergraduate years abroad

Worksheet*	Title
5_Planning	HESES21 recreated using 2021-22 ILR data Table 5: Further student analysis for planning purposes
6a_Health_full_time	HESES21 recreated using 2021-22 ILR data Table 6a: Full-time counts of years of instance for home fee students on pre-registration health courses
6b_Health_sandwich	HESES21 recreated using 2021-22 ILR data Table 6b: Sandwich year out counts of years of instance for home fee students on pre-registration health courses
6c_Health_part_time	HESES21 recreated using 2021-22 ILR data Table 6c: Part-time counts of years of instance and FTE for home fee students on pre-registration health courses
hCourses	HESES21 Courses table: Countable years of instance between 1 August 2021 and census date at course level
h1_Full_time	HESES21 Table 1: Full-time counts of years of instance
h2_Sandwich	HESES21 Table 2: Sandwich year out counts of years of instance
h3_Part_time	HESES21 Table 3: Part-time counts of years of instance and FTE
h4_Year_abroad	HESES21 Table 4: Home fee undergraduate years abroad
h5_Planning	HESES21 Table 5: Further student analysis for planning purposes
h6a_Health_full_time	HESES21 Table 6a: Full-time counts of years of instance for home fee students on pre-registration health courses
h6b_Health_sandwich	HESES21 Table 6b: Sandwich year out counts of years of instance for home fee students on pre-registration health courses
h6c_Health_part_time	HESES21 Table 6c: Part-time counts of years of instance and FTE for home fee students on pre-registration health courses
Courses_diff	Difference between HESES21 recreated using 2021-22 ILR data and HESES21 Courses table: Countable years of instance between 1 August 2021 and census date at course level
1_Full_time_diff	Difference between HESES21 recreated using 2021-22 ILR data and HESES21 Table 1: Full-time counts of years of instance
2_Sandwich_diff	Difference between HESES21 recreated using 2021-22 ILR data and HESES21 Table 2: Sandwich year out counts of years of instance
3_Part_time_diff	Difference between HESES21 recreated using 2021-22 ILR data and HESES21 Table 3: Part-time counts of years of instance and FTE
4_Year_abroad_diff	Difference between HESES21 recreated using 2021-22 ILR data and HESES21 Table 4: Home fee undergraduate years abroad
5_Planning_diff	Difference between HESES21 recreated using 2021-22 ILR data and HESES21 Table 5: Further student analysis for planning purposes
6a_Health_full_time_diff	Difference between HESES21 recreated using 2021-22 ILR data and HESES21 Table 6a: Full-time counts of years of instance for home fee students on pre-registration health courses
6b_Health_sandwich_diff	Difference between HESES21 recreated using 2021-22 ILR data and HESES21 Table 6b: Sandwich year out counts of years of instance for home fee students on pre-registration health courses

Worksheet*	Title
6c_Health_part_time_diff	Difference between HESES21 recreated using 2021-22 ILR data and HESES21 Table 6c: Part-time counts of years of instance for home fee students on pre-registration health courses
A Summary	2022-23 Grant tables Table A: Summary of 2022-23 allocations
B High-cost	2022-23 Grant tables Table B: 2022-23 High-cost subject funding
C NMAH supplement	2022-23 Grant tables Table C: 2022-23 Nursing, midwifery and allied health supplement
D Overseas	2022-23 Grant tables Table D: 2022-23 Overseas study programmes
E Other high-cost TAs	2022-23 Grant tables Table E: 2022-23 Other high-cost targeted allocations
F Student access and success	2022-23 Grant tables Table F: 2022-23 Student access and success
G Parameters	2022-23 Grant tables Table G: 2022-23 Parameters in the funding models

* Shading corresponds to the colour of the workbook tab

16. The difference sheets (see worksheets ending in 'diff' in [Table 1](#)) will indicate where differences between the HESES21 recreation tables and HESES21 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 HESES21 data and the HESES21 recreation data.
17. Providers are strongly encouraged to use the 'Rebuild_summary' worksheet in the 'HES21_DCT_XXXXXXXX.xlsx' workbook which may highlight data quality issues relating to the ILR fields used in the HESES21 recreation algorithms.

HESES21 comparison individualised file

18. When working through this technical document it is necessary to use the individualised file, 'HES21_DCT_XXXXXXXX_IND.csv'. The individualised file contains the values of all fields used to generate the HESES21 comparison output.
19. Fields taken from the 2021-22 ILR return or derived as part of the HESES21 comparison output are shown in capitals using the names given in [Table 2](#) and [Table 3](#) respectively.
20. Specific instructions for rebuilding the HESES21 comparison workbook from the individualised file are provided in the HESES21 comparison rebuild document.
21. The individualised file contains one record per year of instance (each unique combination of UKPRN, LEARNREFNUMBER, AIMSEQNUMBER and STUBID) in the 2021-22 academic year.

ILR fields used to create the HESES21 comparison

22. The ILR fields used to generate the HESES21 comparison are listed in Table 2.

Table 2: List of ILR fields used in the HESES21 comparison output

Name	Description	Data source	Column in individualised file
AIMSEQNUMBER	Learning aim data set sequence	ILR	C
COMPSTATUS	Completion status	ILR	AL
DELLOCPSTCODE	Delivery Location Postcode	ILR	AM
DOMICILE	Country of domicile	ILR	AN
FUNDCOMP	Completion of year of instance	ILR	BD
FUNDEV	Level applicable to HESES	ILR	BE
LEARNACTENDDATE	Learning actual end date	ILR	BU
LEARNAIMREF	Learning aim reference	ILR	L
LEARNDELFFAMCODE [‡]	The value of the funding or monitoring attribute	ILR	See Table 3
LEARNDELFFAMTYPE [‡]	The type of funding or monitoring attribute	ILR	See Table 3
LEARNPLANENDDATE	Learning planned end date	ILR	BX
LEARNREFNUMBER	Learner reference number	ILR	B
LEARNSTARTDATE	Learning start date	ILR	BY
MODESTUD	Mode applicable to HESES	ILR	BZ
PCFLDCS	Proportion taught in LDSCS_CO1 subject	ILR	CE
PCSLDCS	Proportion taught in LDSCS_CO2 subject	ILR	CF
PCTLDCS	Proportion taught in LDSCS_CO3 subject	ILR	CG
PROGTYPE	Type of programme	ILR	CH
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	CK
STULOAD	Learner FTE	ILR	CL
TYPEYR	Type of instance year	ILR	CN
UKPRN	UK provider reference number	ILR	A
ULN	Unique learner number	ILR	E
AWARDORGNAM	Awarding body	LARS	AJ
AWARDORGUKPRN	Awarding body UKPRN	LARS	AK
LDSCS_CO1	Learning directory classification system code 1	LARS	BR

Name	Description	Data source	Column in individualised file
LDCS_CO2	Learning directory classification system code 2	LARS	BS
LDCS_CO3	Learning directory classification system code 3	LARS	BT
LEARNINGDELIVERYGENRE	Genre of the learning delivery	LARS	BW
NOTIONALNVQLEVELV2	Level of NVQ	LARS	CA
LEARNAIMREFTYPE	Learning aim type	LARS	CI
REGULATEDCREDITVALUE	Learning aim's credit value within a regulated credit framework	LARS	CJ
UNITTYPE	Learning aim's unit type	LARS	CO

† 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 HESES21 are included in the individualised file.

Description of derived fields

23. The derived fields used to generate the HESES21 comparison output are listed in Table 3.

Table 3: List of derived fields used in the HESES21 comparison output

Derived field name	Description	Paragraph	Column in individualised file
ANNIV	Anniversary of start date	26	AI
EXCL1	Student not active in academic year	68	AP
EXCL2	Non-recognised higher education qualification aim	69	AQ
EXCL4	Student explicitly excluded from the HESES student population	70	AR
EXCL8	Student with an FTE of less than 0.03	71	AS
EXCL16	Student on non-standard year of instance in final academic year	72	AT
EXCL32	Students who withdrew before 2 November 2021 or left within 14 days of starting without completing	73	AU
EXCL64	No price group information and FTE of at least 0.03	74	AV
FDTEACH	Student on foundation degree teaching assistant course	62	AW
FTEA, FTEB, FTEC11, FTEC12, FTEC2 and FTED	Proportion of FTE assigned to price group	67	AX - BC
HESAPPRENTICE	Student is on an apprenticeship	36	T
HESAVRGFTE	Average FTE	58	BF
HESAVRGFTEPOP	Whether the student is in the population for the calculation of HESAVRGFTE	55	BG
HESAVRGFTETYPE	Indicates the hierarchy of students that are used to inform the mean average FTE that is used to calculate HESAVRGFTE	57	BH
HESBROADLEVEL	Broad level of study	39	BI
HESCRSELGTH	Number of years qualification aim expected to last	35	BJ
HESCOMP	Completion status	53	M
HESEC	Whether student has UK, EU or other domicile	48	BK
HESESFTE	HESES FTE	61	N
HESEXCL	Reason(s) for exclusion from the HESES population	75	O

Derived field name	Description	Paragraph	Column in individualised file
HESFTE_CASE	Method used to calculate HESESFTE	60	BL
HESHEALTHPOP	Indicates whether year of instance is included in the count of Tables 6a to 6c	81	P
HESHEALTHPROF	States the nursing, midwifery or allied health profession that the student is studying towards	37	Q
HESHEALTHYEAR	States the academic year that the student started their studies	80	R
HESLEVEL	Level of study	38	S
HESMODE	Mode of study	34	U
HESNEWENTRANT	Whether the student is a new entrant	79	V
HESOVER	Primary derived field(s) being overwritten	82	BM
HESPGT19	Number of postgraduate taught years of instance in 2019-20 ILR	46	BN
HESPGT20	Number of postgraduate taught years of instance in 2020-21 ILR	42	BO
HESREG	HESES Column 1 or 2 indicator	54	W
HESRESSTAT	Fundability and residential status	51	X
HESATYPE	Fundability status	50	Y
HESUG19	Number of undergraduate years of instance in 2019-20 ILR	44	BP
HESUG20	Number of undergraduate years of instance in 2020-21 ILR	40	BQ
HESYAPOP	Indicates whether year of instance is included in the count of Table 4: Home and EU undergraduate years abroad	78	Z
HESYATYPE	Type of fee charged to students spending a whole year abroad	77	AA
LEARNDELIFAM_SOF1	Source of funding	49	BV
LENGTH	Long or standard year length	52	AB
OFSAWARD	Recognition of awarding body	28	CB
OFSFUNDAIM	Recognition of aim for funding purposes	32	CC
OFSQAIM	Broad category of higher education	30	CD
PRGA, PRGB, PRGC11, PRGC12, PRGC2 and PRGD	Proportion of countable year in price group	65	AC - AH

Derived field name	Description	Paragraph	Column in individualised file
PROVSPECDELMON_A, PROVSPECDELMON_B, PROVSPECDELMON_C, PROVSPECDELMON_D	Provider-specified learning aim data	25	H - K
PROVSPECLEARNMON_A, PROVSPECLEARNMON_B	Provider-specified learner data	24	F – G
STUBID	Unique year of instance of study	27	D
TTCID	Student is on an Initial Teacher Training (ITT) course	63	CM

PROVSPECLEARNMON_A, PROVSPECLEARNMON_B

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

PROVSPECDELMON_A, PROVSPECDELMON_B, PROVSPECDELMON_C, PROVSPECDELMON_D

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

ANNIV

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

STUBID

27. This field identifies years of instance when used in conjunction with UKPRN, LEARNREFNUMBER, and AIMSEQNUMBER. Where there are two years of instance 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 instance in the previous academic year. These records are distinguished using STUBID.

Value	Description	Definition
1	First year of instance	Provider-specific override
2	Second year of instance	Provider-specific override
0	One year of instance	Otherwise

OFSAWARD

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

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

OFSQAIM

30. This field allocates aims to broad categories of higher education.
31. For a full definition of this field, please refer to '2021-22 ILR data checking tool: Classifying learning aims technical document' (www.officeforstudents.org.uk/data-and-analysis/data-checking-tools/2021-22-ilr-data-checking-tool/).

OFSFUNDAIM

32. 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 'HESES21 - Higher Education Students Early Statistics Survey 2021-22' (www.officeforstudents.org.uk/publications/HESES21/).
33. For a full definition of this field please refer to '2021-22 ILR data checking tool: Classifying learning aims technical document' (available at: www.officeforstudents.org.uk/data-and-analysis/data-checking-tools/2021-22-ilr-data-checking-tool/).

HESMODE

34. 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

35. 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

36. 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

37. This field identifies which pre-registration nursing, midwifery or 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	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 or allied health profession	Otherwise

HESLEVEL

38. 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 course eligible for masters' loans	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 course that does not	FUNDLEV = 20, 21 and not above

Value	Description	Definition
	fall under the previous two categories	
PGR	Postgraduate research	FUNDLEV = 30, 31
BLANK	Otherwise	Otherwise

HESBROADLEVEL

39. 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

HESUG20

40. This field shows the number of years of instance associated with the UKPRN and LEARNREFNUMBER in the 2020-21 ILR, where the value of OFSQAIM in 2020-21 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 HESES21¹ (i.e. the value of OFSFUNDAIM would have been 1). If no 2020-21 ILR data is available for the provider, this field will be blank.

41. 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.

HESPGT20

42. This field shows the number of years of instance associated with the UKPRN and LEARNREFNUMBER in the 2020-21 ILR, where the value of OFSQAIM in 2020-21 indicates a postgraduate level course, and the learning aim would have been fundable according to the definition of recognised higher education for OfS funding purposes used in HESES21² (i.e. the value of OFSFUNDAIM would have been 1). If no 2020-21 ILR data is available for the provider, this field will be blank.

43. 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.

¹ Paragraphs 1-2 of Annex B of 'HESES21 - Higher Education Students Early Statistics Survey 2021-22' (<http://www.officeforstudents.org.uk/publications/heses21/>).

² See footnote 1.

HESUG19

44. 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 HESES21³ (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.
45. The values of OFSQAIM classed as undergraduate level for the purposes of this field are the same as those for the HESUG20 field, as listed in paragraph 41.

HESPGT19

46. 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 would have been fundable according to the definition of recognised higher education for OfS funding purposes used in HESES21⁴ (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.
47. The values of OFSQAIM classed as postgraduate level for the purposes of this field are the same as those for the HESPGT20 field, as listed in paragraph 43.

HESEC

48. This field indicates whether a student has a UK, Crown Dependencies, Ireland, EU, or other domicile.

Value	Description	Definition
UK	UK-domiciled	DOMICILE = XF, XG, XH, XI, XK
CROWN	Crown Dependencies-domiciled	DOMICILE = GG, IM, JE, XL
IE	Domiciled in Ireland	DOMICILE = IE
OEU	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, 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

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

³ See footnote 1.

⁴ See footnote 1.

HESTYPE

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

Value	Description	Definition
HOMEF	Home fee OfS-fundable	LEARNDELFAM_SOF1 = 1 or ((HESEC = UK, IE or (HESEC = CROWN and DELLOCPOSTCODE ≠ ZZ99 9ZZ) or (HESEC = OEU and LEARNSTARTDATE < 1 August 2021)) and FUNDALEV ≠ 30, 31 and LEARNDELFAM_SOF1 = 105 and HESAPPRENTICE = 1 and OFSFUNDAIM = 1)
HOMENF	Home fee non-fundable	(HESEC = UK, IE or (HESEC = CROWN and DELLOCPOSTCODE ≠ ZZ99 9ZZ) or (HESEC = OEU and LEARNSTARTDATE < 1 August 2021)) and LEARNDELFAM_SOF1 ≠ 1 and not above
ISOV	Overseas	Otherwise

HESRESSTAT

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

Value	Description	Definition
HOMEF_UK	OfS-fundable, UK-domiciled	HESTYPE = HOMEF and HESEC = UK
HOMEF_OTH	OfS-fundable, Other	HESTYPE = HOMEF and not above
HOMENF_UK	Non-fundable, UK-domiciled	HESTYPE = HOMENF and HESEC = UK
HOMENF_OTH	Non-fundable, Other	HESTYPE = HOMENF and not above
ISOV	Island and overseas	Otherwise

LENGTH

52. This field indicates whether the student is on a standard or long year of instance.

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

HESCOMP

53. 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

54. 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 2021
2	Column 2 student	Otherwise

HESAVRGFTEPOP

55. HESAVRGFTEPOP is used to identify students who are on a non-standard year of instance, 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).

56. The 2021-22 average FTE population is defined as follows:

Value	Description	Definition
1	In the 2021-22 average FTE population	TYPEYR ≠ 1 and LEARNSTARTDATE < 1 August 2021 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

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

Value	Description
1	There are 10 or more students in the 2021-22 average FTE population (HESAVERGFTEPOP = 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 2021-22 average FTE population (HESAVERGFTEPOP = 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 2021-22 average FTE population (HESAVERGFTEPOP = 1) at a given provider (UKPRN) who have the same level of study (HESLEVEL) and not above
4	Level of study (HESLEVEL) in the 2020-21 average FTE population across all providers and not above

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

2020-21 TYPEYR ≠ 1 and

2020-21 LEARNSTARTDATE < 1 August 2020 and

2020-21 HESEXCL = 0 and

2020-21 HESCOMP ≠ 3 and

2020-21 HESMODE = PT.

HESAVERGFTE

58. This field gives the average STULOAD for the population identified in HESAVERGFTETYPE.

This field is only completed for students on non-standard years of instance (TYPEYR ≠ 1).

Example

59. A provider only has 46 students in the 2021-22 average FTE population.

2021-22 UKPRN	2021-22 OFSQAIM	2021-22 HESMODE	2021-22 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, HESAVERGFTETYPE 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, HESAVERGFTETYPE would be 2 as there are fewer than 10 students in the 2021-22 average FTE population that match on OFSQAIM, HESMODE and HESCRSELGTH, but there are at least 10 (46) that match on OFSQAIM alone.

HESFTE_CASE

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

- a. Number of years of instance generated in the HESES recreation.
- b. Whether the year of instance in the current academic year is standard or non-standard.
- c. Whether the year of instance in the previous academic year was standard or non-standard.
- d. Whether the instance 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 instance	STUBID = 0 and TYPEYR = 1
1	Non-standard year of instance and the instance starts in the current academic year	STUBID = 0 and TYPEYR = 2 and LEARNSTARTDATE > 31 July 2021
2	Non-standard year of instance and the instance does not start in the current academic year	STUBID = 0 and TYPEYR = 2 and LEARNSTARTDATE < 1 August 2021
When two countable years of instance are generated:		
3a	First countable year of instance	STUBID = 1
3b	Second countable year of instance	STUBID = 2

HESESFTE

61. This field contains the FTE we assume for the year of instance.

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

62. 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

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

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

PRGA, PRGB, PRGC11, PRGC12, PRGC2 and PRGD

65. 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
PRGC11	HESHEALTHPROF = NURSED, NURSCH, NURSLD, NURSMH, NURSUN and not above	1
PRGB	LDCS_CO1/2/3 = LJ, NH.2 PB, PC.1, PC.5, PE (<i>except PE.8</i>), PF.1, PF.2, PF.4, PG, QA.3, QC, QH.6, R (<i>except RA.3, RA.5, RA.6, RB, RF.4, RF.6, RF.7, RG</i>), S (<i>except SE, SJ.5, SM, SN.3, SN.6, SP, SQ</i>), TK, TL, TM, VE, VF.3, VF.4, VG, WA, WB, WC, WD, WE, WG, X (<i>except XA.13, XA.32, XN, XS</i>), Y and not above	(PCFLDCS + PCSLDCS + PCTLDCS) / 100
PRGC11	LDCS_CO1/2/3 = BF, C (<i>except CD, CE</i>), DC and not above	(PCFLDCS + PCSLDCS + PCTLDCS) / 100
PRGC12	LDCS_CO1/2/3 = CD, CE, J (<i>except JA.22, JA.23, JA.32, JA.33, JA.34, JA.5, JA.7, JA.8, JE</i>), K (<i>except KB, KC</i>), L (<i>except LF.3, LJ, LK.3 (but including LK.31)</i>), SE (<i>except SE.9</i>), VF.1, VF.2, VF.5, VF.6, W (<i>except WA, WB, WC, WD, WE, WG, WM</i>) and not above	(PCFLDCS + PCSLDCS + PCTLDCS) / 100

Field name	Definition	Value
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
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

66. In some cases, the sum of PRGA, PRGB, PRGC11, PRGC12, PRGC2 and PRGD may not equal one. In these cases, we scale them so that their sum is one.

FTEA, FTEB, FTEC11, FTEC12, FTEC2 and FTED

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

Field name	Value
FTEA	PRGA x HESESFTE
FTEB	PRGB x HESESFTE
FTEC11	PRGC11 x HESESFTE
FTEC12	PRGC12 x HESESFTE
FTEC2	PRGC2 x HESESFTE
FTED	PRGD x HESESFTE

EXCL1

68. 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 2021
0	Otherwise	Otherwise

EXCL2

69. 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

70. 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 FUNDEV = 99, BLANK or MODESTUD = 99, BLANK
0	Otherwise	Otherwise

EXCL8

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

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

EXCL16

72. This field indicates students on non-standard years of instance in their final academic year.

Value	Description	Definition
1	Student on non-standard years in final academic year	TYPEYR ≠ 1 and LEARNACTENDDATE ≠ BLANK and LEARNACTENDDATE < ANNIV + 14
0	Otherwise	Otherwise

EXCL32

73. This field indicates whether a student was excluded because they withdrew before 2 November 2021 or left within 14 days of starting the instance without completing.

Value	Description	Definition
1	Student who withdrew before 2 November 2021 or left within 14 days of starting the instance without completing	FUNDCOMP = 2 and COMPSTATUS ≠ 6 and LEARNACTENDDATE ≠ BLANK and (LEARNACTENDDATE < 2 November 2021 or LEARNACTENDDATE – LEARNSTARTDATE < 14)
0	Otherwise	Otherwise

EXCL64

74. 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 + PRGC11 + PRGC12 + PRGC2 + PRGD = 0)
0	Otherwise	Otherwise

HESEXCL

75. 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 instance in final academic year	EXCL16 = 1
32	Student who withdrew before 2 November 2021 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

76. 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 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 HESES student population (EXCL4 = 1) and is not active in the academic year (EXCL1 = 1).

HESYATYPE

77. This field identifies Erasmus+ or Turing years abroad.

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

HESYAPOP

78. This field indicates if the year of instance 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

79. 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 2021 and HESEXCL = 0 and ((HESBROADLEVEL = UG and HESUG20 = 0, BLANK and HESUG19 = 0, BLANK) or (HESBROADLEVEL = PGT and HESPGT20 = 0, BLANK and HESPGT19 = 0, BLANK))
0	Otherwise	Otherwise

HESHEALTHYEAR

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

Value	Description	Definition
2021-22	Student started in 2021-22 academic year	LEARNSTARTDATE > 31 July 2021 and LEARNSTARTDATE < 1 August 2022
OTHER	Otherwise	Otherwise

HESHEALTHPOP

81. 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

82. 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
4	Override to HESREG
8	Override to HESCOMP
16	Override to HESTYPE
32	Overrides to PRGA, PRGB, PRGC11, PRGC12, 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



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