2023-24 Individualised Learner Record (ILR) data checking tool

HESES23 comparison technical document

Contents

Summary

1. This document describes the Higher Education Students Early Statistics Survey 2023-24 (HESES23) comparison files supplied as part of the 2023-24 Individualised Learner Record (ILR) data checking tool and the algorithms used to generate the data needed to recreate HESES23 from 2023-24 ILR data. Throughout the document, fields taken or derived from the ILR record are shown in capitals.

2. The HESES23 comparison output can be used by staff responsible for individualised data returns at higher education providers to verify and correct their 2023-24 individualised student data before submitting the final data to the Education and Skills Funding Agency (ESFA).

3. The HESES23 comparison output is formed of two files. These are:

   a. HESES23 comparison workbook 'HES23_DCT_XXXXXXXX.xlsx'

   b. HESES23 comparison individualised file 'HES23_DCT_XXXXXXXX_IND.csv'

   where XXXXXXXX is the UK Provider Reference Number (UKPRN) for the provider.

   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 '2023-24 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 2023 to 2024' (available from the Education and Skills Funding Agency at https://guidance.submit-learner-data.service.gov.uk/23-24/ilr/overview), 'HESES23 – Higher Education Students Early Statistics survey 2023-24' (www.officeforstudents.org.uk/publications/HESES23/) and the latest individualised files for the HESES22 comparison and the HESES21 comparison when using this document. The 2022-23 ILR data used in the HESES23 comparison is that which was signed off by 13 May 2024, and the 2021-22 ILR data is that which was signed off by 13 May 2024. We expect to incorporate more recent amendments in future updates to these outputs.

6. We will document any changes or corrections to the algorithms in this document on the OfS website (www.officeforstudents.org.uk/data-and-analysis/data-checking-tool/2023-24-ilr-data-checking-tool/ under 'Updates').

Changes from 2022-23 data checking tool

7. This section describes any changes to the outputs and algorithms since the equivalent was published for the 2022-23 ILR data checking tool (www.officeforstudents.org.uk/data-and-analysis/data-checking-tool/documentation-archive/ under '2022-23').

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

Items removed from the outputs

9. Table 7 has been removed from HESES23, so the reconstruction of Table 7 has also been removed from the HESES comparison from this year, resulting in the removal of the algorithms listed below.

    a. HESAPPL6

    b. HESAPPPOP

    c. HESAPPSTARTER

10. FTE in columns 3, 4 and 4a is no longer recorded through HESES23, so the reconstruction of these columns has also been removed from the HESES comparison from this year resulting in the algorithms below being deleted. FTE is now determined through the calculation of 'Multiplication Factors' as described on the OfS website (www.officeforstudents.org.uk/data-and-analysis/data-collection/multiplication-factors/).

    a. HESNCOMPLEVEL_Y

    b. HESNCOMPRATE_Y

    c. HESNCOMPLEVEL_PROF

    d. HESNCOMPRATE_PROF

    e. HESCOL3_Y

    f. HESCOL3

    g. HESCOL4_Y

    h. HESCOL4

    i. FTEA, FTEB, FTEC11, FTEC12, FTEC2, FTED

    j. HESCOL4A

    k. HESFTE_CASE

    l. HESAVRGFTEPOP

    m. HESAVRGFTETYPE

    n. HESAVRGFTE

    o. HESESFTE

Items added to the outputs

11. The HESHTQ algorithm has been added in paragraph 74 to identify students taking an HTQ to match to newly collected data in Table 5 of HESES23. In order to derive this, CATEGORYREF1 is now required as an input by the HESES comparison.

12. A new algorithm, SOCIALWORK, has been developed to map social work to price group C2 in paragraph 46. PRGC2 has also been updated to use this new algorithm in paragraph 50.

Other changes

13. References to years of instance have been updated to years of engagement as the concept of years of instance no longer exists in student data.

14. References to ERASMUS+ have been removed as learners are not expected to be on such programmes any longer. This has affected the HESYATYPE algorithm in paragraph 61.

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

15. Additionally, the following algorithms have been modified to remove elements that relied upon FTE:

    a. EXCL8 in paragraph 55.

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

    b. EXCL64 in paragraph 58.

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

HESES23 comparison workbook

16. The HESES23 comparison workbook is the Excel workbook 'HES23_DCT_XXXXXXXX.xlsx' which contains the worksheets shown in Table 1. This workbook will be updated in August 2024 to include funding modelled using 2023-24 ILR data.

Table 1: Worksheets in the HESES23 comparison workbook

Worksheet*	Title
Cover_sheet	Workbook information
Table_of_contents	Table of contents
Key_differences	Key differences between HESES23 and recreated HESES23
Rebuild_summary	Comparison of splits of years of engagement

Worksheet*	Title
Courses	HESES23 recreation Courses table: Countable years of engagement between 1 August 2023 and census date at course level
1_Full_time	HESES23 recreated using 2023-24 ILR data Table 1: Full-time counts of years of engagement
2_Sandwich	HESES23 recreated using 2023-24 ILR data Table 2: Sandwich year out counts of years of engagement
3_Part_time	HESES23 recreated using 2023-24 ILR data Table 3: Part-time counts of years of engagement
4_Year_abroad	HESES23 recreated using 2023-24 ILR data Table 4: Home fee undergraduate years of engagement abroad
5_Planning	HESES23 recreated using 2023-24 ILR data Table 5: Further student analysis for planning purposes
6a_Health_full_time	HESES23 recreated using 2023-24 ILR data Table 6a: Full-time counts of years of engagement for home fee students on pre-registration health courses
6c_Health_part_time	HESES23 recreated using 2023-24 ILR data Table 6c: Part-time counts of years of engagement for home fee students on pre-registration health courses
hCourses	HESES23 Courses table: Countable years of engagement between 1 August 2023 and census date at course level
h1_Full_time	HESES23 Table 1: Full-time counts of years of engagement
h2_Sandwich	HESES23 Table 2: Sandwich year out counts of years of engagement
h3_Part_time	HESES23 Table 3: Part-time counts of years of engagement
h4_Year_abroad	HESES23 Table 4: Home fee undergraduate years of engagement abroad
h5_Planning	HESES23 Table 5: Further student analysis for planning purposes
h6a_Health_full_time	HESES23 Table 6a: Full-time counts of years of engagement for home fee students on pre-registration health courses
h6c_Health_part_time	HESES23 Table 6c: Part-time counts of years of engagement for home fee students on pre-registration health courses
Courses_diff	Difference between HESES23 recreated using 2023-24 ILR data and HESES23 Courses table: Countable years of engagement between 1 August 2023 and census date at course level
1_Full_time_diff	Difference between HESES23 recreated using 2023-24 ILR data and HESES23 Table 1: Full-time counts of years of engagement
2_Sandwich_diff	Difference between HESES23 recreated using 2023-24 ILR data and HESES23 Table 2: Sandwich year out counts of years of engagement
3_Part_time_diff	Difference between HESES23 recreated using 2023-24 ILR data and HESES23 Table 3: Part-time counts of years of engagement

Worksheet*	Title
4_Year_abroad_diff	Difference between HESES23 recreated using 2023-24 ILR data and HESES23 Table 4: Home fee undergraduate years of engagement abroad
5_Planning_diff	Difference between HESES23 recreated using 2023-24 ILR data and HESES23 Table 5: Further student analysis for planning purposes
6a_Health_full_time_diff	Difference between HESES23 recreated using 2023-24 ILR data and HESES23 Table 6a: Full-time counts of years of engagement for home fee students on pre-registration health courses
6c_Health_part_time_diff	Difference between HESES23 recreated using 2023-24 ILR data and HESES23 Table 6c: Part-time counts of years of engagement for home fee students on pre-registration health courses

* 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 HESES23 recreation tables and HESES23 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 HESES23 data and the HESES23 recreation data.

18. Providers are strongly encouraged to use the 'Rebuild_summary' worksheet in the 'HES23_DCT_XXXXXXXX.xlsx' workbook which may highlight data quality issues relating to the 2023-24 ILR fields used in the HESES23 recreation algorithms.

HESES23 comparison individualised file

19. When working through this technical document it is necessary to use the individualised file, 'HES23_DCT_XXXXXXXX_IND.csv'. The individualised file contains the values of all fields used to generate the HESES23 comparison output.

20. Fields taken from the 2023-24 ILR return or derived as part of the HESES23 comparison output are shown in capitals using the names given in Table 2 and Table 3 respectively.

21. Specific instructions for rebuilding the HESES23 comparison workbook from the individualised file are provided in the HESES23 comparison rebuild document.

22. The individualised file contains one record per year of engagement (each unique combination of UKPRN, LEARNREFNUMBER, AIMSEQNUMBER and STUBID) in the 2023-24 academic year.

ILR fields used to create the HESES23 comparison

23. The ILR fields used to generate the HESES23 comparison are listed in Table 2.

Table 2: List of ILR fields used in the HESES23 comparison output

Name	Description	Data source
AIMSEQNUMBER	Learning aim data set sequence	ILR
COMPSTATUS	Completion status	ILR
DELLOCPOSTCODE	Delivery Location Postcode	ILR
DOMICILE	Country of domicile	ILR
FUNDCOMP	Completion of year of engagement	ILR
FUNDLEV	Level applicable to HESES	ILR
LEARNACTENDDATE	Learning actual end date	ILR
LEARNAIMREF	Learning aim reference	ILR
LEARNDELFAMCODE‡	The value of the funding or monitoring attribute	ILR
LEARNDELFAMTYPE‡	The type of funding or monitoring attribute	ILR
LEARNPLANENDDATE	Learning planned end date	ILR
LEARNREFNUMBER	Learner reference number	ILR
LEARNSTARTDATE	Learning start date	ILR
MODESTUD	Mode applicable to HESES	ILR
ORIGLEARNSTARTDATE	Original learning start date	ILR
PROGTYPE	Type of programme	ILR
PROVSPECLEARNMON†	Provider-specified learner data	ILR
PROVSPECLEARNMONOCCUR†	The occurrence of provider-specified learner data	ILR
SPECFEE	Special fee indicator	ILR
STULOAD	Learner FTE	ILR
TYPEYR	Type of engagement year	ILR
UKPRN	UK provider reference number	ILR
ULN	Unique learner number	ILR
PCFLDCS	Proportion taught in LDCS_CO1 subject	ILR (LDCS Collection)
PCSLDCS	Proportion taught in LDCS_CO2 subject	ILR (LDCS Collection)
PCTLDCS	Proportion taught in LDCS_CO3 subject	ILR (LDCS Collection)
AWARDORGNAME	Awarding body	LARS
AWARDORGUKPRN	Awarding body UKPRN	LARS
CATEGORYREF1	Learning aim has a category code of 55	LARS
LDCS_CO1	Learning directory classification system code 1	LARS

Name	Description	Data source
LDCS_CO2	Learning directory classification system code 2	LARS
LDCS_CO3	Learning directory classification system code 3	LARS
LEARNAIMREFTYPE	Learning aim type	LARS
LEARNINGDELIVERYGENRE	Genre of the learning delivery	LARS
NOTIONALNVQLEVELV2	Level of the learning aim	LARS
REGULATEDCREDITVALUE	Learning aim's credit value within a regulated credit framework	LARS
UNITTYPE	Learning aim's unit type	LARS

† 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 HESES23 are included in the individualised file.

Description of derived fields

24. The derived fields used to generate the HESES23 comparison output are listed in Table 3.

Table 3: List of derived fields used in the HESES23 comparison output

Derived field name	Description	Paragraph
ANNIV	Anniversary of start date	25
EXCL1	Student not active in academic year	52
EXCL2	Non-recognised higher education qualification aim	53
EXCL4	Student explicitly excluded from the HESES student population	54
EXCL16	Student on non-standard year of engagement in final academic year	56
EXCL32	Students who withdrew before 2 November 2023 or left within 14 days of starting without completing	57
EXCL64	No price group information	58
FDTEACH	Student on foundation degree teaching assistant course	45
HESAPPRENTICE	Student is on an apprenticeship	26
HESBROADLEVEL	Broad level of study	64
HESCRSELGTH	Number of years qualification aim expected to last	27
HESEC	Whether student has UK, EU or other domicile	63
HESEXCL	Reason(s) for exclusion from the HESES population	59
HESHEALTHPOP	Indicates whether year of engagement is included in the count of Tables 6a and 6c	76
HESHEALTHPROF	States the nursing, midwifery or allied health profession that the student is studying towards	49
HESHEALTHYEAR	States the academic year that the student started their studies	75
HESHTQ	Whether the student is taking an HTQ	74
HESLEVEL	Level of study	28
HESMODE	Mode of study	29
HESNEWENTRANT	Whether the student is a new entrant	73
HESOVER	Primary derived field(s) being overwritten	30
HESPGTPYR2	Number of postgraduate taught years of engagement in 2021-22 ILR	71
HESPGTPYR	Number of postgraduate taught years of engagement in 2022-23 ILR	69
HESREG	HESES Column 1 or 2 indicator	31
HESRESSTAT	Fundability and residential status	32
HESTYPE	Fundability status	33
HESUGPYR2	Number of undergraduate years of engagement in 2021-22 ILR	67

Derived field name	Description	Paragraph
HESUGPYR	Number of undergraduate years of engagement in 2022-23 ILR	65
HESYAPOP	Indicates whether year of engagement is included in the count of Table 4: Home fee undergraduate years of engagement abroad	62
HESYATYPE	Type of fee charged to students spending a whole year abroad	61
LEARNDELFAM_SOF1	Source of funding	34
LENGTH	Long or standard year length	35
OFSAWARD	Recognition of awarding body	36
OFSFUNDAIM	Recognition of aim for funding purposes	38
OFSQAIM	Broad category of higher education	40
PRGA, PRGB, PRGC11, PRGC12, PRGC2 and PRGD	Proportion of countable year in price group	50
PROVSPECDELMON_A, PROVSPECDELMON_B, PROVSPECDELMON_C, PROVSPECDELMON_D	Provider-specified learning aim data	43
PROVSPECLEARNMON_A, PROVSPECLEARNMON_B	Provider-specified learner data	42
SOCIALWORK	Student on social work courses	46
STUBID	Unique year of engagement of study	44
TTCID	Student is on an Initial Teacher Training (ITT) course	47

Year of engagement derived fields

ANNIV

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

HESAPPRENTICE

26. 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

HESCRSELGTH

27. 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.

HESLEVEL

28. This field allocates students to level of study.

Value	Description	Definition
UG_45	Undergraduate course at level 4 or 5	FUNDLEV = 10, 11 and NOTIONALNVQLEVELV2 = 4, 5 and OFSQAIM ≠ OTHL4_U, OTHL5_U, OTHL4_CC, OTHL5_CC, FDBC
UG_OTH	Undergraduate course not at level 4 or 5	FUNDLEV = 10, 11 and not above
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 fall under the previous two categories	FUNDLEV = 20, 21 and not above
PGR	Postgraduate research	FUNDLEV = 30, 31
BLANK	Otherwise	Otherwise

HESMODE

29. 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

HESOVER

30. 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 (not used in 2022-23 or 2023-24)
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 (not used in 2023-24)
1024	Override to OFSQAIM
2048	Override to HESYAPOP
4096	Override to HESYATYPE
0	Otherwise

HESREG

31. 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 2023
2	Column 2 student	Otherwise

HESRESSTAT

32. 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

HESTYPE

33. 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

Value	Description	Definition
		((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, 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

LEARNDELFAM_SOF1

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

LENGTH

35. This field indicates whether the student is on a standard or long year of engagement.

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

OFSAWARD

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

37. For a full definition of this field please refer to 'HESES23 Course table information', available on the OfS website (www.officeforstudents.org.uk/data-and-analysis/data-collection/heses/). The algorithm for OFSAWARD will be updated and republished the week commencing 26 August 2024.

OFSFUNDAIM

38. 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 'HESES23 – Higher Education Students Early Statistics Survey 2023-24' (www.officeforstudents.org.uk/publications/HESES23/).

39. For a full definition of this field please refer to 'HESES23 Course table information', available on the OfS website (www.officeforstudents.org.uk/data-and-analysis/data-collection/heses/). The algorithm for OFSFUNDAIM will be updated and republished the week commencing 26 August 2024.

OFSQAIM

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

41. For a full definition of this field, please refer to 'HESES23 Course table information', available on the OfS website (www.officeforstudents.org.uk/data-and-analysis/data-collection/heses/). The algorithm for OFSQAIM will be updated and republished the week commencing 26 August 2024.

PROVSPECLEARNMON_A, PROVSPECLEARNMON_B

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

PROVSPECDELMON_A, PROVSPECDELMON_B, PROVSPECDELMON_C, PROVSPECDELMON_D

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

STUBID

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

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

Calculation of price groups

FDTEACH

45. 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

SOCIALWORK

46. This field identifies students on social work courses, regardless of their LDCS make up.

Value	Description	Definition
1	Social work course	Provider specific algorithm
0	Otherwise	Otherwise

TTCID

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

48. For a full definition of this field please refer to 'HESES23 Course table information', available on the OfS website (www.officeforstudents.org.uk/data-and-analysis/data-collection/heses/). The algorithm for TTCID will be updated and republished the week commencing 26 August 2024.

HESHEALTHPROF

49. 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

PRGA, PRGB, PRGC11, PRGC12, PRGC2 and PRGD

50. 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 SOCIALWORK = 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 = 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

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

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

51. 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.

Exclusions

EXCL1

52. 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 2023
0	Otherwise	Otherwise

EXCL2

53. 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

54. 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

55. This field indicates students with no activity in the reporting period.

Value	Description	Definition
1	Student with a STULOAD of 0 or blank	STULOAD = 0, BLANK
0	Otherwise	Otherwise

EXCL16

56. This field indicates students on non-standard years of engagement 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

57. This field indicates whether a student was excluded because they withdrew before 2 November 2023 or left within 14 days of starting the engagement.

Value	Description	Definition
1	Student who withdrew before 2 November 2023 or left within 14 days of starting the engagement	COMPSTATUS ≠ 2, 6 and LEARNACTENDDATE ≠ BLANK and (LEARNACTENDDATE < 2 November 2023 or LEARNACTENDDATE – LEARNSTARTDATE < 14)
0	Otherwise	Otherwise

EXCL64

58. This field indicates where the student does not have any price group information.

Value	Description	Definition
1	No price group information	STULOAD ≠ BLANK and (PRGA + PRGB + PRGC11 + PRGC12 + PRGC2 + PRGD = 0)
0	Otherwise	Otherwise

HESEXCL

59. 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

Value	Description	Definition
8	Student with no activity in the reporting period	EXCL8 = 1
16	Student on non-standard year of engagement in final academic year	EXCL16 = 1
32	Student who withdrew before 2 November 2023 or left within 14 days of starting the engagement without completing	EXCL32 = 1
64	No price group information	EXCL64 = 1
0	Otherwise	None of the above

60. 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 no activity in the reporting period (EXCL8 = 1), is explicitly excluded from the HESES student population (EXCL4 = 1) and is not active in the academic year (EXCL1 = 1).

Table 4 recreation algorithms

HESYATYPE

61. This field identifies an outgoing Turing year abroad.

Value	Description	Definition
TURING	Outgoing Turing year abroad	SPECFEE = 3
OTHER	Otherwise	Otherwise

HESYAPOP

62. This field indicates if the year of engagement 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_45, UG_OTH and HESMODE = FTS, SWOUT and HESTYPE ≠ ISOV and SPECFEE = 2, 3
0	Otherwise	Otherwise

Table 5 recreation algorithms

HESEC

63. 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

Value	Description	Definition
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

HESBROADLEVEL

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

Value	Description	Definition
UG	Undergraduate	HESLEVEL = UG_45, UG_OTH
PGT	Postgraduate taught	HESLEVEL = PGT_UGF, PGT_ML, PGT_OTH
PGR	Postgraduate research	HESLEVEL = PGR
BLANK	Otherwise	Otherwise

HESUGPYR

65. This field shows the number of years of engagement associated with the UKPRN and LEARNREFNUMBER in the 2022-23 ILR, where the value of OFSQAIM in 2022-23 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 HESES23[1] (i.e. the value of OFSFUNDAIM would have been 1). If no 2022-23 ILR data is available for the provider, this field will be blank.

66. 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.

HESUGPYR2

67. This field shows the number of years of engagement associated with the UKPRN and LEARNREFNUMBER in the 2021-22 ILR, where the value of OFSQAIM in 2021-22 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 HESES23[2] (i.e.

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[1] Paragraphs 1-2 of Annex B of 'HESES23 - Higher Education Students Early Statistics Survey 2023-24' (www.officeforstudents.org.uk/publications/heses23/).

[2] See footnote 1.

the value of OFSFUNDAIM would have been 1). If no 2021-22 ILR data is available for the provider, this field will be blank.

68. The values of OFSQAIM classed as undergraduate level for the purposes of this field are the same as those for the HESUGPYR field, as listed in paragraph 66.

HESPGTPYR

69. This field shows the number of years of engagement associated with the UKPRN and LEARNREFNUMBER in the 2022-23 ILR, where the value of OFSQAIM in 2022-23 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 HESES23[3] (i.e. the value of OFSFUNDAIM would have been 1). If no 2022-23 ILR data is available for the provider, this field will be blank.

70. 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.

HESPGTPYR2

71. This field shows the number of years of engagement associated with the UKPRN and LEARNREFNUMBER in the 2021-22 ILR, where the value of OFSQAIM in 2021-22 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 HESES23[4] (i.e. the value of OFSFUNDAIM would have been 1). If no 2021-22 ILR data is available for the provider, this field will be blank.

72. The values of OFSQAIM classed as postgraduate level for the purposes of this field are the same as those for the HESPGTPYR field, as listed in paragraph 70.

HESNEWENTRANT

73. This field indicates whether a student is a new entrant. Where a student starts more than one countable year of engagement 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 engagement 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 2023 and HESEXCL = 0 and ((HESBROADLEVEL = UG and HESUGPYR = 0, BLANK and HESUGPYR2 = 0, BLANK) or (HESBROADLEVEL = PGT and HESPGTPYR = 0, BLANK and HESPGTPYR2 = 0, BLANK))

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[3] See footnote 1.

[4] See footnote 1.

Value	Description	Definition
0	Otherwise	Otherwise

HESHTQ

74. This field indicates whether a student is studying for an HTQ.

Value	Description	Definition
1	Student is studying for an HTQ	CATEGORYREF1 = 55
0	Otherwise	Otherwise

Tables 6a and 6c recreation algorithms

HESHEALTHYEAR

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

Value	Description	Definition
2023-24	Student started in 2023-24 academic year	LEARNSTARTDATE > 31 July 2023 and LEARNSTARTDATE < 1 August 2024
OTHER	Otherwise	Otherwise

HESHEALTHPOP

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

Value	Description	Definition
1	Year of engagement included in Tables 6a and 6c	HESEXCL = 0 and HESLEVEL = UG_45, UG_OTH, PGT_UGF, PGT_ML and HESTYPE = HOMEF, HOMENF and HESHEALTHPROF ≠ BLANK
0	Otherwise	Otherwise