

2016-17 HESA post-collection outputs:

HESES16 comparison technical document

Purpose

1. This document describes the HESES16 comparison files supplied as part of the post collection outputs and the algorithms used to generate the data needed to recreate HESES16 from 2016-17 HESA data.
2. The HESES16 comparison is formed of three files which are supplied as part of the funding data summaries and reconciliation exercise releases of the 2016 17 HESA post-collection outputs. These are:
 - i. HESES16 comparison workbook 'HES16_HXXXXXXXXX.xlsx'. This is only supplied for the reconciliation exercise release.
 - ii. HESES16 comparison modularised file 'HES16_HXXXXXXXXX_MOD.csv'. This is only supplied for the reconciliation exercise release.
 - iii. HESES16 comparison individualised file 'HES16_HXXXXXXXXX_IND.csv'. This is supplied for the reconciliation exercise release and may also be useful in interpreting the use of 2016-17 HESA data in the calculation of Student premium allocations.
3. All three files can be accessed via the Office for Students portal (<https://extranet.officeforstudents.org.uk/Data>). Details will be sent to contacts at institutions.
4. This document is aimed at readers with in-depth knowledge of the data. Readers are advised to have a copy of the HESA Student Record Coding Manual 2016-17 (<https://www.hesa.ac.uk/collection/c16051>) and 'HESES16: Higher Education Student Early Statistics Survey 2016-17' ([HEFCE 2016/22](#)) to hand when using this document.

Changes from the 2016-17 HESA data checking tool

5. Algorithms that have changed since the 2016-17 HESA data checking tool are listed below, with changes described and highlighted in red.

EXCL4

6. The algorithm EXCL4 has been updated to include COURSEAIM Z99 ('Course aim does not apply') in order to exclude records used as Apprenticeship Standards wrapper programme aims.

Value	Description	Definition
1	Student with no qualification aim	COURSEAIM = C99, H99, I99, J99, M99, Z99
0	Otherwise	Otherwise

7. The algorithm HESTYPE has been updated to include the domicile EU in the HOMENF value.

Value	Description	Definition
HOMENF	Home and EU non-fundable	(FUNDCODE = 1 and HESLEVEL = PGR) or (FUNDCODE = 2, 5, 7 and (FEEELIG = 1 or (FEEELIG = 3 and 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, XF, XG, XH, XI, XK, YT))) or (UKPRN = 10007773 and FUNDCODE = 1 and DOMICILE = XG, XH, XI)

HESES16 comparison workbook 'HES16_HXXXXXXXXX.xlsx'

8. The HESES16 comparison workbook is supplied as part of the reconciliation exercise release only. The Excel workbook HES16_HXXXXXXXXX.xlsx (where XXXXXXXX is the UK Provider Reference Number (UKPRN) for the provider) contains the following worksheets:

Table 1 Worksheets in the HESES16 comparison workbook

Worksheet*	Title
Coversheet	Title page
Rebuild information	Comparison of HESES16 data and HESES16 re-created with 2016-17 HESA data with rebuild instructions
Table 1 FTS	HESES16 re-created using 2016-17 HESA data Table 1: Full-time counts of years of instance
Table 2 OUT	HESES16 re-created using 2016-17 HESA data Table 2: Sandwich year out counts of years of instance
Table 3 PT	HESES16 re-created using 2016-17 HESA data Table 3: Part-time counts of years of instance and FTE
Table 4 YA	HESES16 re-created using 2016-17 HESA data Table 4: Home and EU undergraduate years abroad
Table 7 Health	HESES16 re-created using 2016-17 HESA data Table 7: Counts of years of instance and starters on pre-registration nursing, midwifery and allied health profession courses
hTable 1 FTS	HESES16 Table 1: Full-time counts of years of instance
hTable 2 OUT	HESES16 Table 2: Sandwich year out counts of years of instance
hTable 3 PT	HESES16 Table 3: Part-time counts of years of instance and FTE
hTable 4 YA	HESES16 Table 4: Home and EU undergraduate years abroad
hTable 7 Health	HESES16 Table 7: Counts of years of instance and starters on pre-registration nursing, midwifery and allied health profession courses

Worksheet*	Title
Funding 1 - 3	2017-18 funding calculated using HESES16 FTEs and HESES16 re-creation FTEs
Table 1 FTS diff	Difference between HESES16 and HESES16 re-creation Table 1: Full-time counts of years of instance
Table 2 OUT diff	Difference between HESES16 and HESES16 re-creation Table 2: Sandwich year out counts of years of instance
Table 3 PT diff	Difference between HESES16 and HESES16 re-creation Table 3: Part-time counts of years of instance and FTE
Table 4 YA diff	Difference between HESES16 and HESES16 re-creation Table 4: Home and EU undergraduate years abroad
Table 7 Health diff	Difference between HESES16 and HESES16 re-creation Table 7: Counts of years of instance and starters on pre-registration nursing, midwifery and allied health profession courses

*This worksheet reference corresponds to the spreadsheet tabs.

9. The difference sheets (see worksheets ending in 'diff' in Table 1) will indicate where differences in cell figures between the HESES16 re-creation tables and HESES16 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 provided to assist institutions in reconciling differences between HESES16 data and the HESES16 re-creation data.

10. Institutions are strongly encouraged to use the 'Rebuild information' in the HES16_H100XXXXX.xlsx workbook which may highlight data quality issues relating to the HESA fields used in the HESES16 re-creation algorithms.

HESES16 comparison individualised file 'HES16_HXXXXXXXXX_IND.csv'

11. When working through this document it is necessary to use the individualised file HES16_HXXXXXXXXX_IND.csv (where XXXXXXXX is the UKPRN). This will show the allocation of students to cells within the tables and, where relevant, details of why they were excluded. Full details of how to access this file are given on the HEFCE website (<http://www.hefce.ac.uk/data/indstudata/help/output/>).

2016-17 HESA fields used to re-create the HESES16 tables

12. Only certain fields, detailed in Table 2, were used to generate the HESES16 re-creation figures. Fields taken from the HESA return or derived as part of the re-creation are shown in capitals using the names given in Tables 2 and 3 respectively.

Table 2 Fields used in the re-creation of HESES16

Entity	Field	Description	Column in individualised file	Column in modularised file
Course	COURSEAIM	General qualification aim of course	AI	N/A
Course	COURSEID	Course identifier	F	F
Course	CTITLE	Course title	AJ	N/A
Course	REDUCEDC	Reduced course return indicator	DJ	N/A

Entity	Field	Description	Column in individualised file	Column in modularised file
Course	REGBODY1-2	Regulatory body for health and social care students	DL-DM	N/A
Course	TTCID	Teacher training course	DU	N/A
Course subject	SBJCA1-3	Subject of course	See Table 3	See Table 3
Entry profile	DOMICILE	Domicile	AK	N/A
Instance	BRIDGE	Foundation degree to degree bridging course	AG	N/A
Instance	CAMPID [†]	Campus identifier	G	G
Instance	COMDATE	Start date of instance	AH	W
Instance	ENDDATE	End date of instance	AL	N/A
Instance	EXCHANGE	Exchange programmes	AM	N/A
Instance	FEEELIG	Fee eligibility	BB	N/A
Instance	FUNDCODE	Fundability code	BH	N/A
Instance	FUNDCOMP	Completion of year of instance	BI	N/A
Instance	FUNDLEV	Level applicable to funding council HESES	BJ	N/A
Instance	INITIATIVES	Initiatives	See Table 3	N/A
Instance	INSTCAMP [†]	Institution's own campus identifier	H	H
Instance	LOADYRA	FTE in year A	CC	N/A
Instance	LOADYRB	FTE in year B	CD	N/A
Instance	LOCSDY	Location of study	CF	N/A
Instance	MCDATE	Change of mode date	CG	N/A
Instance	MODE	Mode of study	CH	N/A
Instance	MSTUFEE	Major source of tuition fees	DB	N/A
Instance	NUMHUS	Student instance identifier	C	C
Instance	OWNINST [†]	Institution's own instance identifier	E	E
Instance	QTS	Qualified Teacher Status	DI	N/A
Instance	REDUCEDI	Reduced instance return indicator	DK	N/A
Instance	SPECFEE	Special fee indicator	DQ	N/A
Instance	SPLENGTH	Expected length of study	DR	N/A
Instance	STULOAD	Student instance FTE	DS	N/A
Instance	TYPEYR	Type of instance year	DW	AS
Instance	UNITLGTH	Units of length	DY	N/A
Instance	YEARPRG	Year of course	DZ	N/A
Instance	YEARSTU	Year of student on this instance	EA	N/A
Institution	INSTAPP	Indicator for funding approximations	CA	AG
Institution	UKPRN	UK provider reference number	A	A
Mobility	MOBDURA	Mobility duration	See Table 3	N/A

Entity	Field	Description	Column in individualised file	Column in modularised file
Mobility	MOBScheme	Mobility scheme	See Table 3	N/A
Mobility	MOBTYPE	Mobility type	See Table 3	N/A
Module	FTE	Module FTE	N/A	Z
Module	MODID	Module identifier	N/A	L
Module	MTITLE	Module title	N/A	M
Module subject	COSTCN	HESA cost centre	N/A	X
Module subject	MODSBJP	Subject / HESA cost centre percentage	N/A	AK
Student	HUSID	HESA unique student identifier	B	B
Student	OWNSTU [†]	Institution's own internal identifier for the student	D	D
Student	UCASAPPID [†]	UCAS Application Number	I	I
Student	UCASPERID [†]	UCAS Personal Identifier	J	J
Student on module	MODSTAT	Module status	N/A	AL
Student on module	MODYR	Module year	N/A	AM

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

Linking between years

13. We have linked the 2015-16 HESA data to earlier years' data using the UKPRN, HUSID and NUMHUS (UHN) triple. This is to help account for definitional differences between HESA and HESES data. Where records have been linked to 2015-16 HESA data by this method, HESLINK15 will be set to 1.

14. The data from earlier years will be used to help determine the following:
- i. FTE for some students on standard years of instance who were on a non-standard year of instance in the previous year.
 - ii. Students on medical or dental programmes that have taken a foundation year.

Description of derived fields for re-creating tables

15. Here we give details of the derived fields in the individualised file. These fields are used to build the key dimensions of the HESES re-creation tables.

Table 3 HESES comparison derived fields

Derived field name	Description	Paragraph	Column in individualised file	Column in modularised file
ANNIV	Anniversary of start date in academic year	17	AF	N/A
EXCL1-EXCL2048	Exclusion reason(s)	68-80	AN-AY	N/A

Derived field name	Description	Paragraph	Column in individualised file	Column in modularised file
FDBRIDGE	Student on a foundation degree bridging course	18	AZ	Y
FDTEACH	Student on a foundation degree teaching assistant course	56	BA	N/A
FTEA FTEB FTEC1 FTEC2 FTED	FTE of the year of instance assigned to each price group	66	BC-BG	N/A
HESAVRGFTE	Average FTE	42-43	BK	N/A
HESAVRGFTEPOP	Average FTE population	39	BL	N/A
HESAVRGFTEYPE	Average FTE type	40	BM	N/A
HESCLIN	Price group A clinical and veterinary students	61	BN	N/A
HESCOMP	Completion status	38	M	O
HESCRSELGTH	Expected length of the course in years	37	BO	N/A
HESESFTE	FTE of the year of instance	46-47	R	P
HESEXCL	Reason(s) for exclusion from the HESES population	80-81	L	N
HESFDBRIDGEYR	The year of instance is a foundation degree bridging course	25	BP	N/A
HESFTE_CASE	Method used to calculate HESESFTE	45	BQ	AA
HESHEALTHPROF1-2	Identifies which nursing, midwifery and allied health profession the student is included in	85	AB-AC	N/A
HESHEALTHPROP1-2	The proportion of the student's activity that is allocated to each health profession	86-87	BR-BS	N/A
HESHEALTHYEAR	Identifies student's starting their course in 2016-17 academic year	88	AD	N/A
HESHEALTHPOP	Identifies whether the student will be included in pre-registration nursing, midwifery and allied health profession courses	89	AE	N/A
HESLEVEL	Level of study	34	O	Q
HESLINK15	Link made to 2015-16 data	16	P	N/A
HESMDV	Clinical and veterinary student	58	BT	N/A

Derived field name	Description	Paragraph	Column in individualised file	Column in modularised file
HESMODE	Mode of study	33	U	R
HESMODYOI	Identifies whether the module is countable in the year of instance	48	N/A	AB
HESOVER	Primary derived field(s) being overwritten	90	DC	N/A
HESPROP	Proportion of STULOAD	44	BU	N/A
HESREG	HESES Column 1 or 2 indicator	67	N	S
HESTOTWORKWKS	Total number of weeks spent working abroad	32	DA	N/A
HESTYPE	Fundability status	36	V	T
HESWORKWKS1-2	Maximum number of weeks that may be spent working abroad for each mobility experience	31	CX-CY	N/A
HESYAMOBSCHEME	Identifies if the year of instance is on an Erasmus+ scheme	82	BV	N/A
HESYAPOP	Indicates whether year of instance is included in the count of Table 4 years abroad	84	T	N/A
HESYATYPE	Type of fee charged to students spending a year abroad	83	S	N/A
HESYZERO	The year in which a student last took a foundation year	59	BW	N/A
HESYZERROADJ	Indicates whether the student has taken a foundation year	60	BX	N/A
HHCOSTCN	HESES re-creation HESA cost centre	54	N/A	AC
HHPER	HESES re-creation percentage of the module	52	N/A	AE
HHPRP	HESES re-creation proportion of FTE in each HESA cost centre x subject combination	53	N/A	AD
INITIATIVES1-2	Identifies specific initiative schemes	26	BY-BZ	N/A
INSTAPP15	2015-16 approximation indicator	19	CB	N/A

Derived field name	Description	Paragraph	Column in individualised file	Column in modularised file
LENGTH	Long or standard length years of instance	35	Q	U
LOADYRB15	FTE in year B for 2015-16	21	CE	N/A
MOBDURAX ^Ω	Elapsed length in weeks of the mobility experience	29	CI-CJ	N/A
MOBSCHEMEX ^Ω	Type of mobility scheme	30	CL-CN	N/A
MOBTYPEXY ^Ω	Type of mobility experiences	28	CO-CW	N/A
MODFTE	Module FTEs that are countable in the year of instance	49	N/A	AH
MODFTESBJP	Module FTE for each subject	50	N/A	AI
PRGA PRGB PRGC1 PRGC2 PRGD	Proportion of countable year in each price group	64-65	W-AA	N/A
PRGFTE	Proportion of FTE	63	N/A	AM
PRGMOD	Assignment of modules to notional price group categories	55	N/A	V
PRGMODVET PRGMOBDB PRGMODC1 PRGMODC2 PRGMODD	Proportion of activity in each notional price group	62	DH DD DE DF DG	N/A
SBJCAX ^Ω	Subject of course	57	DN-DP	AP-AR
STUBID	Unique countable year of instance identifier	23-24	K	K
STULOAD15	STULOAD value from the 2015-16 HESA record	20	DT	N/A
TOTMODFTE	Total module FTE for the year of instance	51	DV	AO
TYPEYR15	TYPEYR for the 2015-16 academic year	22	DX	AT

^Ω Due to file size restrictions the number of occurrences of this field is restricted to 3.

HESLINK15 (Individualised file: P)

16. This field indicates if a successful link was made between the 2016-17 data and 2015-16 data that may inform the calculation of FTE for some students.

Value	Description
1	A link was made to 2015-16 data using the method described in paragraphs 7-8 of this document
0	Otherwise

ANNIV (Individualised file: AF)

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

FDBRIDGE (Individualised file: AZ, Modularised file: Y)

18. This field identifies students on foundation degree bridging courses that form part, but not all, of the instance.

Value	Description	Definition
1	Student generates countable foundation degree bridging course	BRIDGE = 1 and COURSEAIM ≠ H90, I90, J90
0	Otherwise	Otherwise

INSTAPP15 (Individualised file: CB)

19. This field contains the indicator for funding approximations for 2015-16 (2015-16 INSTAPP).

STULOAD15 (Individualised file: DT)

20. This field contains the student instance FTE for 2015-16 (2015-16 STULOAD).

LOADYRB15 (Individualised file: CE)

21. This field contains the FTE in year B for 2015-16 (2015-16 LOADYRB).

TYPEYR15 (Individualised file: DX, Modularised file: AT)

22. This field contains the value of the type of instance year for 2015-16 (2015-16 TYPEYR).

STUBID (Individualised file: K, Modularised file: K)

23. This field uniquely identifies years of instance when used in conjunction with the UHN triple. Where the HESA data generates two years of instance within a single academic year we create two records in the individualised file. This can happen where either the student is on a foundation degree bridging course that is countable in the year of instance, or the student undertakes activity both before and after the anniversary of their commencement date and has not undertaken activity in the first year of instance in the previous academic year. These records are distinguished using STUBID.

Value	Description	Definition
1	First countable year of instance	FDBRIDGE = 1 or (LOADYRA ≠ 0, BLANK and LOADYRB ≠ 0, BLANK and and ((LOADYRB15 = 0 and INSTAPP15 = 1) or ((STULOAD15 = 0 or HESLINK15 = 0) and COMDATE < 1 August 2015)))
2	Second countable year of instance	FDBRIDGE = 1 or (LOADYRA ≠ 0, BLANK and LOADYRB ≠ 0, BLANK and and ((LOADYRB15 = 0 and INSTAPP15 = 1) or ((STULOAD15 = 0 or HESLINK15 = 0) and COMDATE < 1 August 2015)))
0	One countable year of instance	Otherwise

Example of a student who would generate two countable years

24. An undergraduate has an anniversary of commencement (ANNIV) of 1 January 2017. The student was active in the 2014-15 academic year until 1 June 2016 and recommenced activity on 1 August 2016, resulting in no activity in the 2015-16 academic year. The student generated an FTE of 0.25 between 1 August 2015 and 31 December 2016, and generated an FTE of 0.5 between 1 January 2017 and 31 July 2017. The HESA return for this student would (if they choose not to rely on our approximations, INSTAPP = 1) contain the following field values:

HESA field	2015-16 HESA return	2016-17 HESA return
LOADYRA	0	025.0
LOADYRB	0	050.0
INSTAPP	1	1

HESFDBRIDGEYR (Individualised file: BP)

25. This field indicates that the year of instance is a foundation degree bridging course.

Value	Description	Definition
1	Year of instance is a foundation degree bridging course	FDBRIDGE = 1 and STUBID = 1
0	Otherwise	Otherwise

INITIATIVES1-2 (Individualised file: BY-BZ)

26. These fields identify students who are part of a specific scheme.

Calculation of mobility information (MOBTYPEXY, MOBDURAX, MOBSCHEME, HESWORKWKSX, HESTOTWORKWKS)

27. These calculations use 2016-17 data as an approximation for the number of weeks spent working for the year of instance being counted. The number of mobility entities is

unbounded and any calculation uses all mobility entities. Due to file size restrictions we only show the three mobility entities with the longest duration.

MOBTYPEXY (Individualised file: CO-CW)

28. These fields record the type of mobility experiences, where X denotes the mobility entity and Y denotes the occurrence of mobility type (MOBTYPE) within the mobility entity. For example, MOBTYPE21 is the first MOBTYPE occurrence from the second mobility entity.

MOBDURAX (Individualised file: CI-CJ)

29. These fields record the elapsed length in weeks of the mobility experience, where X denotes the mobility entity. For example, MOBDURA2 is the mobility duration field (MOBDURA) from the second mobility entity.

MOBSCHEMEX (Individualised file: CL-CN)

30. These fields record the type of the mobility scheme that the student is on, where X denotes the mobility entity. For example, MOBScheme2 is the mobility scheme field (MOBScheme) from the second mobility entity.

HESWORKWKSX (Individualised file: CX-CY)

31. These fields record the maximum number of weeks that may be spent working abroad for each mobility experience, where X denotes the mobility entity.

Value	Description	Definition
MOBDURAX	The mobility experience is spent working	MOBTYPEX1 = 02, 03 or MOBTYPEX2 = 02, 03 or MOBTYPEX3 = 02, 03
0	The mobility experience is not spent working	Otherwise

HESTOTWORKWKS (Individualised file: DA)

32. This field records the total number of weeks spent working. HESTOTWORKWKS = sum of all HESWORKWKSX, including those not shown in the individualised file (due to the file size restriction).

HESMODE (Individualised file: U, Modularised file: R)

33. This field allocates students to mode of study.

Value	Description	Definition
FTS	Full-time	HESFDBRIDGEYR ≠ 1 and (MODE = 01 or (MODE = 43, 51, 73 and MCDATE ≠ BLANK and MCDATE > ANNIV + 168) or (MODE = 23, 24 and SPECFEE ≠ 1 and (SPECFEE ≠ 3 or HESTOTWORKWKS < 21)))
SWOUT	Sandwich year-out	HESFDBRIDGEYR ≠ 1 and MODE = 23, 24 and (SPECFEE = 1 or (SPECFEE = 3 and HESTOTWORKWKS > 20))
PT	Part-time	Otherwise

HESLEVEL (Individualised file: O, Modularised file: Q)

34. 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
PGT_ML	Postgraduate taught courses which are eligible for student finance support	FUNDLEV = 20, 21 and (INITIATIVES1 = U or INITIATIVES2 = U)
PGT_OTH	Postgraduate taught courses that do not fall under the previous two categories	FUNDLEV = 20, 21 and SPECFEE = 9, BLANK and not above
PGR	Postgraduate research	FUNDLEV = 30, 31

LENGTH (Individualised file: Q, Modularised file: U)

35. 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

HESTYPE (Individualised file: V, Modularised file: T)

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

Value	Description	Definition
HOMENF	Home and EU non-fundable	(FUNDCODE = 1 and HESLEVEL = PGR) or (FUNDCODE = 2, 5, 7 and (FEEELIG = 1 or (FEEELIG = 3 and 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, XF, XG, XH, XI, XK, YT))) or (UKPRN = 10007773 and FUNDCODE = 1 and DOMICILE = XG, XH, XI)
HOMEF	Home and EU HEFCE-fundable	FUNDCODE = 1 and not above
ISOV	Island and overseas	Otherwise

HESCRSELGTH (Individualised file: BO)

37. This field contains the expected length of the course in whole numbers of years. 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 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.

Value	Definition
SLENGTH	UNITLGTH = 1
SLENGTH / 12	UNITLGTH = 2
SLENGTH / 52	UNITLGTH = 3
6	UNITLGTH = 9
1	Otherwise

HESCOMP (Individualised file: M, Modularised file: O)

38. This field assigns students to Column 3 or 4 of Tables 1 to 3 of the HESES re-creation.

Value	Description	Definition
4	Column 4 student	FUNDCOMP ≠ 2 or (HESFDBRIDGEYR = 1 and COURSEAIM = H00, H11, H12, H16, H18, H22, H23, M22, M26) or (FDBRIDGE = 1 and HESFDBRIDGEYR = 0 and COURSEAIM = J10, J16)
3	Column 3 student	Otherwise

HESAVRGFTEPOP (Individualised file: BL)

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

Value	Description	Definition
1	In the 2016-17 average FTE population	TYPEYR ≠ 1 and COMDATE < 1 August 2016 and ENDDATE = BLANK and HESCOMP ≠ 3 and STULOAD ≠ 0 and FUNDDLEV ≠ 99 and FUNDCOMP ≠ 9 and MODE ≠ 43, 44, 51, 63, 64, 73, 74, 98 and HESMODE = PT
0	Otherwise	Otherwise

Calculation of FTE

HESAVRGFTETYPE (Individualised file: BM)

40. This field identifies the level at which HESAVRGFTE is calculated for the student.

Value	Description
1	More than 9 students over institution (UKPRN), course aim (COURSEAIM), mode (MODE), expected length of the course in years (HESCRSELGTH) with HESAVRGFTEPOP = 1
2	More than 9 students in the 2016-17 average FTE population match over institution (UKPRN), course aim (COURSEAIM) with HESAVRGFTEPOP = 1 and not above

Value	Description
3	More than 9 students in the 2016-17 average FTE population match over institution (UKPRN) and level of study (HESLEVEL) with HESAVRGFTEPOP = 1 and not above
4	Level of study (HESLEVEL) in the 2015-16 average FTE population and not above (for Levels of study PGT_ML and PGT_OTH records will be matched with the PGT average FTE population from 2015-16).

41. The 2015-16 average FTE population is defined as follows:

2015-16 TYPEYR ≠ 1 and
 2015-16 COMDATE < 1 August 2015 and
 2015-16 ENDDATE = BLANK and
 2015-16 HESCOMP ≠ 3 and
 2015-16 HESEXCL = 0 and
 2015-16 MODE ≠ 43, 44, 51, 73, 74 and
 2015-16 HESMODE = PT

HESAVRGFTE (Individualised file: BK)

42. This field gives the average FTE for the population identified in HESAVRGFTETYPE. This field is only completed for students on non-standard years of instance (TYPEYR ≠ 1).

Example

43. An institution only has 46 students in the 2016-17 average FTE population.

UKPRN	COURSEAIM	MODE	HESCRSELGTH	TOTAL
10000000	H00	31	2	9
10000000	H00	31	3	12
10000000	H00	31	1	25

For a student at this institution with COURSEAIM = H00, MODE = 31, HESCRSELGTH = 1, HESAVRGFTETYPE would be 1 as there are more than 9 students in the average FTE population that match on COURSEAIM, MODE and HESCRSELGTH.

For a student at this institution with COURSEAIM = H00, MODE = 31, HESCRSELGTH = 2, HESAVRGFTETYPE would be 2 as there are fewer than 10 students in the average FTE population that match on COURSEAIM, MODE and HESCRSELGTH, but there are more than 9 (46) that match on COURSEAIM alone.

HESPROP (Individualised file: BU)

44. This field contains the estimate of the proportion of STULOAD that is allocated to the countable year of instance and is mainly used for students in their final year. HESPROP is calculated as $(ENDDATE - ANNIV) / (ENDDATE - 31 \text{ July } 2016)$. Where ENDDATE is BLANK we will assume a date of 31 July 2017 in this calculation. If ENDDATE is before ANNIV then HESPROP equals 0. While this field is calculated for all records, the value is only meaningful for students who are on a standard year of instance in the current year and were on a non-standard year of instance in the previous year.

HESFTE_CASE (Individualised file: BQ, Modularised file: AA)

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

- i. Number of countable years of instance generated in the HESES re-creation.

- ii. Whether the year of instance countable in the current academic year is standard or non-standard.
- iii. Whether the year of instance countable in the previous academic year was standard or non-standard.
- iv. Whether the institution has chosen to rely on the known approximations in our algorithms.
- v. Whether the instance started in the current academic year.

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

Value	Description	Definition
0	Standard year of instance and standard year of instance in the previous academic year	(STUBID = 0 or (STUBID = 2 and FDBRIDGE = 1)) and TYPEYR = 1 and TYPEYR15 = 1, BLANK
1	Standard year of instance and non-standard year of instance in the previous academic year and an institution that has chosen to rely on the approximations in our algorithms	(STUBID = 0 or (STUBID = 2 and FDBRIDGE = 1)) and TYPEYR = 1 and TYPEYR15 = 2, 3, 4 and (INSTAPP = 0 or LOADYRB = 0, BLANK)
2	Standard year of instance and non-standard year of instance in the previous academic year and an institution that has chosen not to rely on the approximations in our algorithms	(STUBID = 0 or (STUBID = 2 and FDBRIDGE = 1)) and TYPEYR = 1 and TYPEYR15 = 2, 3, 4 and INSTAPP = 1 and LOADYRB ≠ 0, BLANK
3	Non-standard year of instance and an instance that starts in the current academic year	(STUBID = 0 or (STUBID = 2 and FDBRIDGE = 1)) and TYPEYR = 2, 3 and COMDATE > 31 July 2016
4	Non-standard year of instance and an instance that does not start in the current academic year	(STUBID = 0 or (STUBID = 2 and FDBRIDGE = 1)) and TYPEYR = 2, 4, 5 and COMDATE < 1 August 2016
<i>Two years generated and the institution has chosen not to rely on the approximations in our algorithms</i>		
5a	First countable year of instance	STUBID = 1 and FDBRIDGE ≠ 1 and INSTAPP = 1
5b	Second countable year is a standard year of instance	STUBID = 2 and TYPEYR = 1 and FDBRIDGE ≠ 1 and INSTAPP = 1
5c	Second countable year is a non-standard year of instance	STUBID = 2 and TYPEYR = 2, 4 and FDBRIDGE ≠ 1 and

Value	Description	Definition
		INSTAPP = 1

HESESFTE (Individualised file: R, Modularised file: P)

46. This field contains the FTE we use for the year of instance. HESESFTE is capped at 100.

Value	Definition
100	HESMODE = FTS
50	HESMODE = SWOUT
30	HESFDBRIDGEYR = 1
STULOAD	HESFTE_CASE = 0 and not above
STULOAD x HESPROP	HESFTE_CASE = 1 and not above
LOADYRB	HESFTE_CASE = 2 and not above
HESAVRGFTE	HESFTE_CASE = 3 and not above
STULOAD	HESFTE_CASE = 4 and not above
LOADYRA	HESFTE_CASE = 5a and not above
LOADYRB	HESFTE_CASE = 5b and not above
STULOAD	HESFTE_CASE = 5c and not above

47. For students generating two countable years, where one of the years is a foundation degree bridging course, for part-time students we will reduce the HESESFTE given in the table above by 30 for the other instance (FDBRIDGE = 1 and STUBID = 2, and HESFTE_CASE = 0, 1, 4).

HESMODYOI (Modularised file: AB)

48. This field identifies whether the module is countable in the year of instance.

Value	Description	Definition
1	Countable in year of instance	MODSTAT ≠ 4 and ((HESFTE_CASE = 2, 5b and MODYR = 20, 30, BLANK) or (HESFTE_CASE = 5a and MODYR = 10, BLANK) or HESFTE_CASE ≠ 2, 5a, 5b)
0	Not countable in the year of instance	Otherwise

MODFTE (Modularised file: AH)

49. These fields contain the module FTE that is countable in the year of instance.

Value	Description	Definition
FTE	2016-17 FTE countable in year of instance	HESMODYOI = 1
0	2016-17 FTE not countable in the year of instance	Otherwise

*In the modularised file HESMODYOI = 1 can be used.

MODFTESBJP (Modularised file: AI)

50. This field contains the module FTE for each subject that is countable in the year of instance. It is calculated as the combination of MODFTE x (MODSBJP/100).

TOTMODFTE (Individualised file: DV, Modularised file: AO)

51. This field contains the sum of the module FTE across all modules for the year of instance. $TOTMODFTE = \text{sum of MODFTESBJPs}$.

HHPER (Modularised file: AE)

52. These fields indicate the module subject / HESA cost centre percentages that will contribute towards the year of instance. In this algorithm MODYR and MODSTAT refer to the particular module that the subject data was taken from.

Value	Description	Definition
MODSBJP	Subject / HESA cost centre percentage is countable in the year of instance	$HESMODYOI = 1$
0	Subject / HESA cost centre percentage is not countable in the year of instance	Otherwise

HHPRP (Modularised file: AD)

53. These fields evaluate the proportion of TOTMODFTE in each module HESA cost centre/subject combination. It is calculated as the combination of HHPER x $(MODFTE/TOTMODFTE)$.

HHCOSTCN (Modularised file: AC)

54. These fields contain the HESA cost centres (COSTCNs) that are associated with the instance. Note that COSTCNXX, where XX denotes the corresponding module, may not relate to the module identified by MODIDXX where modules have more than one subject / HESA cost centre associated with them. In these cases it is often best to refer to the modularised file.

PRGMOD (Modularised file: V)

55. This field contains the assignment of modules to HESA cost centre-based price group categories.

Value	Description	Definition
VET	Veterinary science	$HHCOSTCN = 109$
B	HESA cost centre-based price group B	$HHCOSTCN = 101, 102, 106, 107, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120$
C1	HESA cost centre-based price group C1	$HHCOSTCN = 121, 126, 143, 144, 145$
C2	HESA cost centre-based price group C2	$HHCOSTCN = 103, 104, 105, 108, 122, 123, 124, 134, 137$
D	HESA cost centre-based price group D	$HHCOSTCN = 125, 127, 128, 129, 130, 131, 132, 133, 135, 136, 138, 139, 140, 141, 142, 999$

FDTEACH (Individualised file: BA)

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

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

SBJCA1-3 (Individualised file: DN-DP, Modularised file: AP-AR)

57. These fields identify the subject of the course.

HESMDV (Individualised file: BT)

58. This field identifies clinical medical, dentistry and veterinary science students who are potentially assigned to price group A.

Value	Description	Definition
UMED	Undergraduate medic	FUNDLEV = 10, 11 and COURSEAIM = H16, I16, M16, M26, M86 and (REGBODY1 = 01 or REGBODY2 = 01) and (SBJCA1 = A100, A300 or SBJCA2 = A100, A300 or SBJCA3 = A100, A300)
UDEN	Undergraduate dentist	FUNDLEV = 10, 11 and COURSEAIM = H16, I16, M16, M26, M86 and (REGBODY1 = 30 or REGBODY2 = 30) and (SBJCA1 = A200, A400 or SBJCA2 = A200, A400 or SBJCA3 = A200, A400)
UVET	Undergraduate veterinary science	FUNDLEV = 10, 11 and COURSEAIM = H16, I16, M16, M26, M86 and (REGBODY1 = 14 or REGBODY2 = 14) and (SBJCA1* = D1, D2 or SBJCA2* = D1, D2 or SBJCA3* = D1, D2)
OTH	Otherwise	Otherwise

* Only the first two characters of this field are used.

HESYZERO (Individualised file: BW)

59. This field indicates the year in which a student last took a foundation year (YEARPRG = 0) as part of this instance. For students who have not taken a foundation year, this field is blank. We have linked back to 2005-06.

HESYZEROADJ (Individualised file: BX)

60. This field indicates whether the student took a foundation year (YEARPRG = 0) as part of this instance since 2005-06.

Value	Description	Definition
1	Foundation year taken as part of instance	HESYZERO ≠ BLANK or YEARPRG = 0
0	Otherwise	Otherwise

HESCLIN (Individualised file: BN)

61. This field identifies clinical medical, dentistry and veterinary science students who are assigned to price group A.

Value	Description	Definition
1	Undergraduate clinical, dentistry or veterinary science student assigned to price group A	(HESMDV = UMED and (HESCRSELGTH – YEARPRG – HESYRZEROADJ) = 0, 1, 2) or (HESMDV = UDEN and (HESCRSELGTH – YEARPRG – HESYRZEROADJ) = 0, 1, 2, 3) or (HESMDV = UVET and (HESCRSELGTH – YEARPRG – HESYRZEROADJ) = 0, 1, 2, 3, 4)
2	Postgraduate clinical or dentistry student assigned to price group A	FUNDLEV = 20, 21, 30, 31 and (SBJCA1 = A300, A400, C842, C845 or SBJCA2 = A300, A400, C842, C845 or SBJCA3 = A300, A400, C842, C845)
3	Postgraduate veterinary science student	FUNDLEV = 20, 21, 30, 31 and (SBJCA1* = D2 or SBJCA2* = D2 or SBJCA3* = D2)
0	Otherwise	Otherwise

* Only the first two characters of this field are used.

PRGMODVET, PRGMOVB, PRGMODC1, PRGMODC2, PRGMODD (Individualised file: DD-DH)

62. The proportion of activity in each module-based price group is calculated by mapping HESA cost centre codes to price groups and summing the values of HHPRP for each module-based price group.

Field name	Definition	Value
PRGMODVET	PRGMOD = VET	sum of HHPRPs/100
PRGMOVB	PRGMOD = B	sum of HHPRPs/100
PRGMODC1	PRGMOD = C1	sum of HHPRPs/100
PRGMODC2	PRGMOD = C2	sum of HHPRPs/100
PRGMODD	PRGMOD = D	sum of HHPRPs/100

PRGFTE (Modularised file: AM)

63. This field contains the proportion of FTE of the price group for the module.

PRGA, PRGB, PRGC1, PRGC2, PRGD (Individualised file: W-AA)

64. The proportion of activity in each price group is grouped by five HESSES price group fields.

Field name	Definition	Value
PRGA	HESCLIN = 1, 2	1
PRGC2	HESMODE = SWOUT or TTCID = 1, 2, Q or (QTS = 4 and TTCID = 5) or FDTEACH = 1 or (REGBODY1 = 09, 10, 11, 54 or REGBODY2 = 09, 10, 11, 54) and not above	1
PRGA	HESCLIN = 3 and not above	PRGMODVET

Field name	Definition	Value
PRGB	PRGMOBDB > 0 or PRGMOBDET > 0 and not rows 1 and 2 above	PRGMOBDB + (PRGMOBDET – PRGA)
PRGC1	PRGMOBDC1 > 0 and not rows 1 and 2 above	PRGMOBDC1
PRGC2	PRGMOBDC2 > 0 and not rows 1 and 2 above	PRGMOBDC2
PRGD	PRGMOBDD > 0 and not rows 1 and 2 above	PRGMOBDD

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

FTEA, FTEB, FTEC1, FTEC2, FTED (Individualised file: BC-BG)

66. The FTE of the activity assigned to each price group is contained in the five FTE fields as shown in the table below. These fields are calculated by multiplying the appropriate price group field (PRGA, PRGB, PRGC1, PRGC2 and PRGD) by FTE (HESESFTE).

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

HESREG (Individualised file: N, Modularised file: S)

67. This field assigns students to Column 1 or 2 of Tables 1 to 3 of the HESES re-creation.

Value	Description	Definition
1	Column 1 student	ANNIV < 2 December 2016
2	Column 2 student	Otherwise

EXCL1 (Individualised file: AN)

68. Field indicating students who have left prior to the start of the academic year.

Value	Description	Definition
1	Student not active in academic year	ENDDATE < 1 August 2016 and ENDDATE ≠ BLANK
0	Otherwise	Otherwise

EXCL2 (Individualised file: AO)

69. Field indicating FE, NVQ or QTS only students.

Value	Description	Definition
1	FE, NVQ or QTS only student	COURSEAIM = C43, E40, H43, H91, I71, I91, J43, J45, L91, M43, M45, M91, P-X*
0	Otherwise	Otherwise

* First character of COURSEAIM.

EXCL4 (Individualised file: AP)

70. Field indicating students with no qualification aim.

Value	Description	Definition
1	Student with no qualification aim	COURSEAIM = C99, H99, I99, J99, M99, Z99
0	Otherwise	Otherwise

EXCL8 (Individualised file: AQ)

71. Field indicating students explicitly excluded from the HESES population.

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

EXCL16 (Individualised file: AR)

72. Field indicating students who are mostly taught outside of the UK.

Value	Description	Definition
1	Student taught mostly outside the UK	(LOCSDY = S or EXCHANGE = Z) and MSTUFEE ≠ 02, 03, 04, 52, 53, 54
0	Otherwise	Otherwise

EXCL32 (Individualised file: AS)

73. Field indicating students who are dormant, sabbatical or writing up.

Value	Description	Definition
1	Student who is dormant, sabbatical or writing up	MODE = 63, 64 or (MODE = 43, 44, 51, 73, 74 and (MCDATE = BLANK or MCDATE < ANNIV + 14)) or STULOAD = 0
0	Otherwise	Otherwise

EXCL64 (Individualised file: AT)

74. Field indicating incoming exchange students.

Value	Description	Definition
1	Incoming exchange student	EXCHANGE = 4, G
0	Otherwise	Otherwise

EXCL128 (Individualised file: AU)

75. Field indicating students with an FTE of less than 0.03.

Value	Description	Definition
1	Student with an FTE of less than 0.03	HESESFTE < 3
0	Otherwise	Otherwise

EXCL256 (Individualised file: AV)

76. Field indicating students on non-standard years of instance in their final academic year.

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

EXCL512 (Individualised file: AW)

77. Field indicating students who withdrew before 2 December 2016 or left within 14 days of starting without completing.

Value	Description	Definition
1	Student who withdrew before 2 December 2016 or left within 14 days of starting without completing	REDUCEDI = 08 or (ENDDATE ≠ BLANK and ENDDATE < 2 December 2016 and FUNDCOMP = 2) or (ENDDATE ≠ BLANK and ENDDATE – COMDATE < 14 and FUNDCOMP = 2)
0	Otherwise	Otherwise

EXCL1024 (Individualised file: AX)

78. Field indicating where the student has an FTE of at least 0.03 but does not have any HESA cost centre information.

Value	Description	Definition
1	No HESA cost centre information and FTE of at least 0.03	HESESFTE ≥ 3 and (PRGA + PRGB + PRGC1 + PRGC2 + PRGD) = 0
0	Otherwise	Otherwise

EXCL2048 (Individualised file: AY)

79. Field indicating students on a subject knowledge enhancement (SKE) course.

Value	Description	Definition
1	Student on a subject knowledge enhancement (SKE) course	TTCID = F
0	Otherwise	Otherwise

HESEXCL (Individualised file: L, Modularised file: N)

80. This field indicates whether the student will be included in Tables 1 to 4 of the HESES re-creation. For students excluded from Tables 1 to 4 of the HESES re-creation, HESEXCL contains the sum of all applicable values from the table below.

Value	Description	Definition
1	Student not active in academic year	EXCL1 = 1
2	FE, NVQ or QTS only student	EXCL2 = 1
4	Student with no qualification aim	EXCL4 = 1

8	Student explicitly excluded from the HESES population	EXCL8 = 1
16	Student taught mostly outside the UK	EXCL16 = 1
32	Student who is dormant, sabbatical or writing up	EXCL32 = 1
64	Incoming exchange student	EXCL64 = 1
128	Student with an FTE of less than 0.03	EXCL128 = 1
256	Student on non-standard year of instance in final academic year	EXCL256 = 1
512	Student who withdrew before 2 December 2015 or left within 14 days of starting without completing	EXCL512 = 1
1024	No HESA cost centre information and FTE of at least 0.03	EXCL1024 = 1
2048	Student on a subject knowledge enhancement (SKE) course	EXCL2048 = 1
0	Otherwise	None of the above

81. This field contains the exclusion reason(s) for the instance. It is calculated as $(1 \times \text{EXCL1}) + (2 \times \text{EXCL2}) + \dots + (2048 \times \text{EXCL2048})$. The reason(s) which contribute to the exclusion of an instance can therefore be calculated. For example, if $\text{HESEXCL} = 137$, by subtracting figures from the above table and starting at the bottom, we see that the instance has an FTE of less than 0.03 ($\text{EXCL128} = 1$), is explicitly excluded from the HESES population ($\text{EXCL8} = 1$) and is not active in the academic year ($\text{EXCL1} = 1$).

Table 4 re-creation algorithms

HESYAMOBScheme (Individualised file: BV)

82. This field identifies if the year of instance is on an Erasmus+ scheme. This includes the mobilities not explicitly shown in the individualised file.

Value	Description	Definition
1	Erasmus+ mobility scheme	At least one occurrence of MOBScheme = 03 across all mobilities
0	Otherwise	Otherwise

HESYATYPE (Individualised file: S)

83. This field identifies Erasmus+ years abroad.

Value	Description	Definition
ERASMUS	Outgoing Erasmus+ year abroad	SPECFEE = 3 or HESYAMOBScheme = 1
OTHER	Otherwise	Otherwise

HESYAPOP (Individualised file: T)

84. 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 or (SPECFEE = 1 and LOCSDY = T))
0	Otherwise	Otherwise

HESHEALTHPROFX (Individualised file: AB-AC)

85. These fields identify which nursing, midwifery and allied health profession the student is recorded against in the counts of years of instance included in Table 7, where X is equal to 1 or 2.

Value	Description	Definition
DENTHE	Dental therapy	REGBODYX = 36
DENHYG	Dental hygiene	REGBODYX = 37
DIETET	Dietetics	REGBODYX = 44
NURSun	Nursing - unclassified	REGBODYX = 06
NURSad	Nursing - adult	REGBODYX = 61
NURSch	Nursing - children	REGBODYX = 62
NURSLD	Nursing - learning disability	REGBODYX = 63
NURSMH	Nursing - mental health	REGBODYX = 64
MIDWIF	Midwifery	REGBODYX = 65
OCCTHE	Occupational therapy	REGBODYX = 46
OPDEPT	Operating department practice	REGBODYX = 47
ORTHOP	Orthoptics	REGBODYX = 48
ORTPRO	Orthotics and prosthetics	REGBODYX = 52
PHYSIO	Physiotherapy	REGBODYX = 50
PODCHI	Podiatry and chiropody	REGBODYX = 42
RADTHE	Radiography (therapeutic)	REGBODYX = 56
RADDIA	Radiography (diagnostic)	REGBODYX = 57
SPELAN	Speech and language therapy	REGBODYX = 55
BLANK	Otherwise	Otherwise

HESHEALTHPROP1 (Individualised file: BR)

86. This field shows the proportion of the student's activity that is allocated to the health profession shown in HESHEALTHPROF1.

Value	Definition
1	(HESHEALTHPROF1 ≠ BLANK and HESHEALTHPROF2 = BLANK) or HESHEALTHPROF1 = DENTHE
0.5	HESHEALTHPROF1 ≠ BLANK and HESHEALTHPROF2 ≠ BLANK, DENTHE and not above
0	Otherwise

HESHEALTHPROP2 (Individualised file: BS)

87. This field shows the proportion of the student's activity that is allocated to the health profession shown in HESHEALTHPROF2.

Value	Definition
1	(HESHEALTHPROF1 = BLANK and HESHEALTHPROF2 ≠ BLANK) or HESHEALTHPROF2 = DENTHE
0.5	HESHEALTHPROF1 ≠ BLANK, DENTHE and HESHEALTHPROF2 ≠ BLANK and not above
0	Otherwise

HESHEALTHYEAR (Individualised file: AD)

88. This field identifies whether the student started their course in the 2016-17 academic year.

Value	Description	Definition
2016-17	Student started in the 2016-17 academic year	COMDATE > 31 July 2016
OTHER	Otherwise	Otherwise

HESHEALTHPOP (Individualised file: AE)

89. This field identifies whether the student will be included in pre-registration nursing, midwifery and allied health profession courses.

Value	Description	Definition
1	Included in Table 7 population	HESEXCL = 0 and COURSEAIM = H16, H62, I16, J16, J26, M16, M26, M86 and (HEALTHPROF1 ≠ BLANK or HEALTHPROF2 ≠ BLANK) and

		((UKPRN ≠ 10007773 and HESTYPE = HOMENF) or (UKPRN = 10007773 and HESTYPE = HOMENF and DOMICILE ≠ XG, XH, XI)) and HESLEVEL ≠ PGR
0	Otherwise	Otherwise

HESOVER (Individualised file: DC)

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

Value	Description
1	Override to HESCOMP
2	Override to HESESFTE
4	Override to HESEXCL
8	Override to HESLEVEL
16	Override to HESMODE
32	Override to HESREG
64	Override to HESTYPE
128	Override to HESYAPOP
256	Override to HESYATYPE
512	Override to LENGTH
1024	Overrides to PRGA-PRGD
2048	Override to STUBID
4096	Override to HESHEALTHPROP1/2
8192	Override to HESHEALTHPOP