2018-19 HESA Alternative Provider Student post-collection outputs

HESES18B comparison technical document

Contents

Summary

1. This document describes the Higher Education Students Early Statistics survey 2018-19 (HESES18B) comparison files supplied as part of the 2018-19 Higher Education Statistics Agency (HESA) Alternative Provider (AP) Student post-collection outputs, and the algorithms used to generate the data needed to recreate HESES18B from 2018-19 HESA AP Student data. Throughout the document, fields taken or derived from the HESA AP Student record are shown in capitals.

2. The HESES18B comparison output should be used by staff responsible for individualised data returns at higher education providers. This document is intended to help them understand in detail how the data has been used to recreate HESES18B, and highlight significant differences between the two.

3. The HESES18B comparison output comprises three files. These are:

   a. HESES18B comparison workbook 'HES18B_XXXXXXXX.xlsx'. This is supplied for the reconciliation exercise.

   b. HESES18B comparison individualised file 'HES18B_XXXXXXXX_IND.csv'. This is supplied for the reconciliation exercise, funding data summaries and may also be useful in interpreting the use of 2018-19 HESA AP Student data in the calculation of student premium allocations.

   c. HESES18B comparison instance period file 'HES18B_XXXXXXXX_INSTPER.csv'. This is supplied for the reconciliation exercise.

4. These files can be accessed from the '2018-19 Post-collection outputs' area of the Office for Students 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 the Coding Manual for the 2018-19 HESA AP Student record (https://www.hesa.ac.uk/collection/c18054) and 'HESES18 Higher Education Students Early Statistics Survey 2018-19' (www.officeforstudents.org.uk/publications/heses18-higher-education-students-early-statistics-survey-2018-19/) and have a copy of the latest HESES18 population individualised file to hand when using this document.

Changes from the HESES18B comparison data checking tool output

6. This section describes any changes to the output and algorithms since the equivalent was published for the data checking tool, available here: www.officeforstudents.org.uk/data-and-analysis/data-checking-tools/2018-19-hesa-alternative-provider-student-data-checking-tool/ under 'Documentation'. Any changes are shown as **bold and underlined**.

HESELQCOMP

7. The (HESELQQENT = LEV6_OTH and QUALENT3 ≠ H90) and (HESELQQENT = LEV5 and QUALENT3 ≠ I90, J90) clauses have been removed and replaced with

(HESELQQENT = LEV6_OTH) and (HESELQQENT = LEV5), because 'H90', 'I90' and 'J90' are not valid entries for QUALENT3.

Value	Description	Definition

1	Student is aiming for an equivalent or lower qualification (ELQ)	(HESELQQAIM = LEV8 and HESELQQENT = LEV8) or
		(HESELQQAIM = LEV7_DEG and HESELQQENT = LEV8, LEV7_DEG) or
		(HESELQQAIM = LEV7_DIP and
		      HESELQQENT = LEV8, LEV7_DEG, LEV7_DIP) or
		(HESELQQAIM = LEV7_OTH and
		      (HESELQQENT = LEV8, LEV7_DEG or
		            (HESELQQENT = LEV7_OTH and QUALENT3 ≠ M90))) or
		(HESELQQAIM = PGCE, LEV7_MDV, LEV7_MPHARM, LEV6_OTH and
		      HESELQQENT = LEV8, LEV7_DEG, LEV7_DIP, LEV7_CERT,
		         LEV7_OTH, PGCE, LEV6_OTH) or
		(HESELQQAIM = LEV6_ORD and
		      HESELQQENT = LEV8, LEV7_DEG, LEV7_DIP, LEV7_CERT,
		         LEV7_OTH, PGCE, LEV6_OTH, LEV6_ORD) or
		(HESELQQAIM = LEV5 and
		      HESELQQENT = LEV8, LEV7_DEG, LEV7_DIP, LEV7_CERT,
		         LEV7_OTH, PGCE, LEV6_OTH, LEV6_ORD, LEV5) or
		(HESELQQAIM = LEV4 and
		      (HESELQQENT = LEV8, LEV7_DEG, LEV7_DIP, LEV7_CERT,
		         LEV7_OTH, PGCE, LEV6_OTH, LEV6_ORD, LEV5 or
		         (HESELQQENT = LEV4 and QUALENT3 ≠ C90))) or
		HESELQQENT = UNKNOWN

HESHEALTHPOP

8. This field has been updated to reflect that all students on postgraduate taught pre-registration nursing, midwifery and allied health courses are categorised as (HESLEVEL = PGT_UGF).

Value	Description	Definition

1	Included in health population	HESEXCL = 0 and
		HESCOURSEAIM_P1 = H16, H62, I16, J26, M16, M26, M86 and
		
		((HESHEALTHYEAR = 2016-17 and
		    HESLEVEL = UG and
		        ((HESTYPE = HOMEF and
		            (HESHEALTHPROF1 = OCCTHE, OPDEPT, ORTHOP,
		                      PHYSIO, RADDIA, RADTHE or
		            HESHEALTHPROF2 = OCCTHE, OPDEPT, ORTHOP,
		                      PHYSIO, RADDIA, RADTHE)) or
		        (HESTYPE = HOMENF and
		            (HESHEALTHPROF1 ≠ DENHYG, DENTHE, BLANK or
		            HESHEALTHPROF2 ≠ DENHYG, DENTHE, BLANK)))) or
		
		 (HESHEALTHYEAR = 2017-18 and
		    ((HESLEVEL = UG and
		        (HESTYPE = HOMEF, HOMENF and
		            (HESHEALTHPROF1 ≠ BLANK or
		            HESHEALTHPROF2 ≠ BLANK))) or
		    (**HESLEVEL = PGT, UGF, PGT_ML, PGT_OTH** and
		        ((HESTYPE = HOMEF and
		            (HESHEALTHPROF1 = OCCTHE, OPDEPT, ORTHOP,
		                      PHYSIO, RADDIA, RADTHE or
		            HESHEALTHPROF2 = OCCTHE, OPDEPT, ORTHOP,
		                      PHYSIO, RADDIA, RADTHE)) or
		        (HESTYPE = HOMENF and
		            (HESHEALTHPROF1 ≠ DENHYG, DENTHE, BLANK or
		            HESHEALTHPROF2 ≠ DENHYG, DENTHE, BLANK)))))) or
		
		(HESHEALTHYEAR = 2018-19 and
		    ((HESLEVEL = UG and
		        (HESTYPE = HOMEF, HOMENF and
		            (HESHEALTHPROF1 ≠ BLANK or
		            HESHEALTHPROF2 ≠ BLANK))) or
		    (**HESLEVEL = PGT, UGF, PGT_ML, PGT_OTH** and
		        (HESTYPE = HOMEF, HOMENF and
		            (HESHEALTHPROF1 ≠ DENHYG, DENTHE, BLANK or
		            HESHEALTHPROF2 ≠ DENHYG, DENTHE, BLANK))))))

HESES18B comparison workbook

9. The HESES18B comparison workbook 'HES18B_XXXXXXXX.xlsx' (where XXXXXXXX denotes the UK Provider Reference Number, UKPRN) contains the following worksheets:

Table 1: Worksheets in the HESES18B comparison workbook

Workbook tab*	Title
Information	Workbook information
Key differences	Key differences between HESES18B and HESES18B recreated using 2018-19 HESA AP Student data

Workbook tab*	Title
Rebuild information	Comparison of HESES18B and HESES18B recreated using 2018-19 HESA AP Student data, with rebuild instructions
1 Full-time	HESES18B recreation Table 1: Full-time counts of years of instance
2 Sandwich	HESES18B recreation Table 2: Sandwich year out counts of years of instance
3 Part-time	HESES18B recreation Table 3: Part-time counts of years of instance
5 Planning	HESES18B recreation Table 5: Further student breakdowns for planning purposes
h1 Full-time	HESES18B Table 1: Full-time counts of years of instance
h2 Sandwich	HESES18B Table 2: Sandwich year out counts of years of instance
h3 Part-time	HESES18B Table 3: Part-time counts of years of instance
h5 Planning	HESES18B Table 5: Further student breakdowns for planning purposes
1 Full-time diff	Difference between HESES18B and HESES18B recreation Table 1: Full-time counts of years of instance
2 Sandwich diff	Difference between HESES18B and HESES18B recreation Table 2: Sandwich year out counts of years of instance
3 Part-time diff	Difference between HESES18B and HESES18B recreation Table 3: Part-time counts of years of instance
5 Planning diff	Difference between HESES18B and HESES18B recreation Table 5: Further student breakdowns for planning purposes
FTE estimates	Table A: Estimated FTE for part-time OfS-fundable years of instance
FTE comparison	Table B: Estimate of load for part-time OfS-fundable years of instance

* Shading corresponds to the colour of the workbook tab.

10. The difference sheets (see worksheets ending in 'diff' in Table 1) will indicate where differences between the HESES18B recreation tables and the HESES18B 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 HESES18B data and HESES18B recreation data.

11. Providers are strongly encouraged to use the 'Rebuild information' worksheet in the 'HES18B_XXXXXXXX.xlsx' workbook, which may highlight data quality issues relating to the HESA AP fields used in the HESES18B recreation algorithms.

12. The full-time equivalent (FTE) of an instance for the 2018-19 year of instance is estimated from the HESSTULOAD_PX values of all instance periods of the instance that are included in the HESES18 population. The instance period derived field HESEXCL_PX determines whether or

not an instance period is included in the HESES18 population. Each instance period's HESPERIODSTART_PX and HESPERIODEND_PX dates are categorised, and the categories are used to calculate the proportion of HESSTULOAD_PX that can be attributed to the 2018-19 year of instance.

13. Table A shows the estimated Column 1 and 2 FTE in each price group and at each level, excluding the contribution for instance periods starting after 31 July 2019. It also shows the estimate, for each column, price group and level, of the contribution from instance periods starting after 31 July 2019.

14. Table B shows the estimated Column 1 and 2 FTE in each price group and at each level, including the contribution for instance periods starting after 31 July 2019, and compares these values with the FTE recorded in HESES18. It then compares the load (FTE ÷ years) calculated from Columns 1 and 2 years and FTE (using 2018-19 HESA AP student data) with the load calculated from Column 4 years and Column 4a FTE in HESES18.

15. The purpose of the additional tables is to assess the feasibility of using FTE estimated from instance period HESSTULOAD_PX values to verify FTE submitted in HESES workbooks, provided that information on the completion status of years of instance is collected in subsequent academic years. In addition, it provides a means of assessing the reasonableness of HESSTULOAD_PX values assigned to instance periods.

16. If the non-completion rate (as defined in 'HESES18 Higher Education Students Early Statistics Survey 2018-19') is the same for all courses and years of courses that contribute activity to a Column 1 and 2 FTE estimate shown in Table B, then, provided the estimation method is correct, we would expect the load calculated from this FTE estimate to be the same as the load calculated from HESES18 Columns 4 and 4a. However, the accuracy of the estimation method is hindered by the need to estimate the contribution of instance periods starting after 31 July 2019, which is assumed to be same as the contribution of instance periods starting after 31 July 2018 to the 2017-18 year of instance.

HESES18B comparison individualised and instance period files

17. You should use the individualised file 'HES18B_XXXXXXXX_IND.csv' and instance period file 'HES18B_XXXXXXXX_INSTPER.csv' when working through this document. This shows the assignment of records to categories by our algorithms and, where applicable, provides the data that has been used to determine their exclusion from the relevant population.

18. The HESES18B comparison rebuild document provides instructions for rebuilding key figures in the workbook from the individualised file and the instance period file.

19. HESA AP Student fields used to generate the data in the output are listed in Table 2.

Table 2: HESA AP Student fields used in the HESES18B comparison output

Entity	Field	Description	Column in individualised file	Column in instance period file
Provider	UKPRN	UK Provider Reference Number	A	A

Entity	Field	Description	Column in individualised file	Column in instance period file
Course	COURSEAIM	General qualification aim of course	N/A	N/A
Course	REGBODY	Regulatory body	N/A	N/A
Course	TTCID	Teacher training course	N/A	N/A
Course subject	SBJCA	Subject of course	N/A	N/A
Course subject	SBJPCNT	Subject percentage	N/A	N/A
Student	HUSID	HESA unique student identifier	B	B
Student	OWNSTU	Provider's own identifier for student	D	D
Entry profile	DOMICILE	Domicile	AS	N/A
Entry profile	QUALENT3	Highest qualification on entry	AT	N/A
Instance	COMDATE	Start date of instance	AU	R
Instance	ENDDATE	End date of instance	AV	S
Instance	GROSSFEE	Gross fee	AW	N/A
Instance	NUMHUS	Student instance identifier	C	C
Instance	OWNINST	Provider's own instance identifier	E	E
Instance	RSNEND	Reason for ending instance	N/A	U
Instance	SPLENGTH	Expected length of study	AX	N/A
Instance	UNITLGTH	Units of length	AY	N/A
Instance period	COURSEID	Course identifier	N/A	N/A
Instance period	DISALL	Disabled student allowance	N/A	N/A
Instance period	EXCHIND	Exchange programmes	N/A	N/A
Instance period	INITIATIVES	Initiatives	N/A	N/A
Instance period	LOCSDY	Location of study	N/A	N/A
Instance period	MODE	Mode of study	N/A	N/A
Instance period	MSTUFEE	Major source of tuition fees	N/A	N/A
Instance period	NOTACT	Not in active study	N/A	T

Entity	Field	Description	Column in individualised file	Column in instance period file
Instance period	PERIODEND	Instance period end date	N/A	N/A
Instance period	PERIODSTART	Instance period start date	N/A	N/A
Instance period	STULOAD	Student instance FTE	N/A	N/A
Instance period	YEARPRG	Year of course	N/A	N/A

Instance period ranking

20. The number of instance periods that can be returned for a given instance is unbounded; however, due to file size considerations we restrict the number of separate instance periods displayed in the individualised file to three. In the unusual case where an instance has more than three instance periods, all will be considered in our algorithms, although only three will be displayed in the individualised file.

21. The instance period derived field HESEXCL_PX (where X is the ranking of the instance period) determines whether or not an instance period is included in the HESES18 population. Instance periods are ranked by whether or not they are in the HESES18 population, then by descending HESPERIODSTART_PX date. Thus, an instance period which is included in the population is always ranked higher than an excluded instance period, even if the excluded instance period has a later HESPERIODSTART_PX date.

22. The data associated with the first ranked instance period is used to define the instance in the HESES18 population. Data for all instance periods is shown in the instance period file, but only data for the top three ranked instance periods is shown in the individualised file.

Description of derived fields

23. Fields derived from HESA AP Student data are listed in Table 3.

Table 3: HESES18B comparison derived fields

Derived field name	Description	Para.	Column in individualised file	Column in instance period file
FTEA_EXCLEST, FTEB_EXCLEST, FTEC1_EXCLEST, FTEC2_EXCLEST, FTED_EXCLEST	Estimated FTE of the activity assigned to each price group, calculated using HESESFTE_EXCLEST	110	N/A	AX, AZ, BB, BD, BF
FTEA_INCLEST, FTEB_INCLEST, FTEC1_INCLEST, FTEC2_INCLEST, FTED_INCLEST	Estimated FTE of the activity assigned to each price group, calculated using HESESFTE_INCLEST	111	N/A	AY, BA, BC, BE, BG
HESANNIV	Anniversary of start date in current academic year	66	F	F
HESANNIV19	Anniversary of start date in following academic year	67	N/A	G
HESBROADLEVEL	Broad level of study	91	G	N/A
HESCLIN	Price group A clinical medical, dental and veterinary science students	84	H	N/A
HESCOURSEAIM_PX	General qualification aim of course	25	AZ, CB, DD	V
HESCOURSEID_PX	Course identifier	26	BA, CC, DE	W
HESCRSELGTH	Expected length of the course in years	83	I	N/A
HESDISALL	Disabled Students' Allowances	73	J	N/A
HESDISALL_PX	Disabled Students' Allowances	27	BB, CD, DF	N/A
HESEC	Indicates whether student has a UK, other Home and EU, or other domicile	69	K	N/A

Derived field name	Description	Para.	Column in individualised file	Column in instance period file
HESELQ	Indicates whether student is counted as aiming for an ELQ	80	L	N/A
HESELQCOMP	Indicates whether student is aiming for an ELQ	72	M	N/A
HESELQQAIM	Assigns broad qualification aim for determining whether student is aiming for an ELQ	70	N	N/A
HESELQQENT	Assigns broad qualification on entry group for determining whether student is aiming for an ELQ	71	O	N/A
HESENDCASE	Instance period end date category	48	N/A	AM
HESENDDATE_AC18	2018-19 academic year end date	51	N/A	AP
HESENDDATE_IN17	2017-18 year of instance end date	49	N/A	AN
HESENDDATE_IN18	2018-19 year of instance end date	53	N/A	AR
HESESFTE_1	Estimated FTE in 2018-19 academic year for 2018 19 year of instance	54	N/A	AS
HESESFTE_2	Estimated FTE in 2019-20 academic year for 2018-19 year of instance	55	N/A	AT
HESESFTE_3_IN17	Estimated FTE in 2018-19 academic year for 2017-18 year of instance from instance period starting on or after 1 August 2018	56	N/A	AU

Derived field name	Description	Para.	Column in individualised file	Column in instance period file
HESESFTE_EXCLEST	Estimated FTE for 2018-19 year of instance, excluding any estimate for instance period starting on or after 1 August 2019	108	N/A	AV
HESESFTE_INCLEST	Estimated FTE for 2018-19 year of instance, including any estimate for instance period starting on or after 1 August 2019	109	N/A	AW
HESEXCHIND_PX	Exchange programmes	28	BC, CE, DG	X
HESEXCL	Reason(s) for exclusion from the HESES population	104	P	H
HESEXCL_PX	Reason(s) for exclusion of instance period	63	BD, CF, DH	Y
HESEXCL1-16	HESES population exclusions	99 - 103	Q-U	N/A
HESEXCL1-16_PX	Instance period exclusions	58 - 62	BE-BI, CG-CK, DI-DM	Z-AD
HESHEALTHPOP	Identifies whether student is included in health population	96	V	N/A
HESHEALTHPROF1-2	Identifies which nursing, midwifery or allied health professions the student is recorded against	74	W-X	N/A
HESHEALTHPROP1-2	Proportion of student's activity allocated to each health profession	75 - 76	Y-Z	N/A
HESHEALTHYEAR	Indicates whether student started course in 2016-17, 2017-18, 2018-19 or another academic year	77	AA	N/A
HESINITIATIVES1-2_PX	Initiatives	29 - 30	BJ-BK, CL-CM, DN-DO	N/A
HESLEVEL	Level of study	79	AB	I

Derived field name	Description	Para.	Column in individualised file	Column in instance period file
HESLOCSDY_PX	Location of study	31	BL, CN, DP	AE
HESMDV	Undergraduate clinical and pre-clinical medical, dental and veterinary science students	82	AC	N/A
HESMODE	Mode of study	78	AD	J
HESMODE_PX	Mode of study	32	BM, CO, DQ	AF
HESMSTUFEE_PX	Major source of tuition fees	33	BN, CP, DR	AG
HESNEWENTRANT	Identifies whether student is a new entrant	95	AE	N/A
HESOVER	Primary derived field(s) being overridden	106	AF	N/A
HESPERIODEND_PX	Instance period end date	35	BP, CR, DT	AI
HESPERIODNUM	Ranking of instance period	24	N/A	AJ
HESPERIODSTART_PX	Instance period start date	34	BO, CQ, DS	AH
HESPGR17	Number of PGR years of instance in 2017-18	94	AG	N/A
HESPGT17	Number of PGT years of instance in 2017-18	93	AH	N/A
HESPRGA, HESPRGB, HESPRGC1, HESPRGC2, HESPRGD	Proportion of countable year in each price group	85, 87, 88, 86, 89	AI-AM	K-O
HESREG	HESES Column 1 or 2 indicator	68	AN	P
HESREGBODY1-2_PX	Regulatory body for health and social care students	36 - 37	BQ-BR, CS-CT, DU-DV	N/A
HESRESSTAT	Fundability and residential status	90	AO	N/A
HESSBJCA1-3_PX	Subject of course	38 - 40	BS-BU, CU-CW, DW-DY	N/A
HESSBJPCNT1-3_PX	Proportion of time allocated for each subject	41 - 43	BV-BX, CX-CZ, DZ-EB	N/A

Derived field name	Description	Para.	Column in individualised file	Column in instance period file
HESSTARTCASE	Instance period start date category	47	N/A	AL
HESSTARTDATE_AC18	2018-19 academic year start date	50	N/A	AO
HESSTARTDATE_IN18	2018-19 year of instance start date	52	N/A	AQ
HESSTULOAD	Sum of FTE across all instance periods	97	AP	N/A
HESSTULOAD_PX	Student instance FTE	44	BY, DA, EC	AK
HESTTCID_PX	Teacher training course	45	BZ, DB, ED	N/A
HESTYPE	Fundability status	81	AQ	Q
HESUG17	Number of UG years of instance in 2017-18	92	AR	N/A
HESYEARPRG_PX	Year of course	46	CA, DC, EE	N/A

Instance period derived fields

HESPERIODNUM

24. The value of HESPERIODNUM indicates the ranking of the instance period, with the first ranked instance period having a value of 1. The data associated with the first ranked instance period is used to define the instance in the HESES18 population. This field is only shown in the instance period file.

HESCOURSEAIM_PX

25. This field contains COURSEAIM for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

HESCOURSEID_PX

26. This field contains COURSEID for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

HESDISALL_PX

27. This field contains DISALL for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

HESEXCHIND_PX

28. This field contains EXCHIND for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

HESINITIATIVES1_PX

29. This field contains INITIATIVES1 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

HESINITIATIVES2_PX

30. This field contains INITIATIVES2 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

HESLOCSDY_PX

31. This field contains LOCSDY for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

HESMODE_PX

32. This field contains MODE for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

HESMSTUFEE_PX

33. This field contains MSTUFEE for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

HESPERIODSTART_PX

34. This field contains PERIODSTART for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

HESPERIODEND_PX

35. This field contains PERIODEND for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

HESREGBODY1_PX

36. This field contains REGBODY1 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

HESREGBODY2_PX

37. This field contains REGBODY2 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

HESSBJCA1_PX

38. This field contains SBJCA1 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

HESSBJCA2_PX

39. This field contains SBJCA2 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

HESSBJCA3_PX

40. This field contains SBJCA3 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

HESSBJPCNT1_PX

41. This field contains SBJPCNT1 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

HESSBJPCNT2_PX

42. This field contains SBJPCNT2 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

HESSBJPCNT3_PX

43. This field contains SBJPCNT3 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

HESSTULOAD_PX

44. This field contains STULOAD for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

HESTTCID_PX

45. This field contains TTCID for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

HESYEARPRG_PX

46. This field contains YEARPRG for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

HESSTARTCASE

47. This field categorises the instance period's start date (HESPERIODSTART_PX) in relation to the 2018-19 academic year and the anniversary of the start date of the instance (COMDATE). If an instance period started up to 14 days before the anniversary of the start date of the instance, it is treated as if it started in the 2018-19 year of instance, provided that it did not end before the anniversary of the start date of the instance. This field is only shown in the instance period file.

Value	Description	Definition
1	Instance period started before 1 August 2018	HESPERIODSTART_PX < 1 August 2018
2	Instance period started on or after 1 August 2018, and before anniversary of start date (COMDATE)	(HESPERIODSTART_PX < HESANNIV – 14 or HESPERIODEND_PX < HESANNIV) and not above
3	Instance period started on or after anniversary of start date (COMDATE)	HESPERIODSTART_PX ≥ HESANNIV – 14 and not above

HESENDCASE

48. This field categorises the instance period's end date (HESPERIODEND_PX) in relation to the 2018-19 academic year and the anniversary of the start date of the instance (COMDATE). If an instance period ended up to 14 days after the anniversary, in the 2018-19 academic year, of the start date of the instance, it is treated as if it ended in the 2017-18 year of instance, provided that it did not start after the anniversary of the start date of the instance. If an instance period ended up to 14 days after the anniversary, in the 2019-20 academic year, of the start date of the instance, it is treated as if it ended in the 2018-19 year of instance. This field is only shown in the instance period file.

Value	Description	Definition
1	Instance period ended before 1 August 2018	HESPERIODEND_PX < 1 August 2018
2	Instance period ended on or after 1 August 2018, and before anniversary of start date (COMDATE)	HESPERIODEND_PX < HESANNIV + 15 and HESPERIODSTART_PX < HESANNIV and not above
3	Instance period ended on or after anniversary of start date (COMDATE), and before 1 August 2019	HESPERIODEND_PX < 1 August 2019 and not above
4	Instance period ends on or after 1 August 2019, and before anniversary of start date (COMDATE) in following academic year	HESPERIODEND_PX < HESANNIV19 + 15 and not above

Value	Description	Definition
5	Instance period ends on or after anniversary of start date (COMDATE) in following academic year	$\text{HESPERIODEND\_PX} \geq \text{HESANNIV19} + 15$

HESENDDATE_IN17

49. This field is the end date of the part of the instance period that occurred in the 2018-19 academic year for the year of instance that started in the 2017-18 academic year. This field is only shown in the instance period file.

Value	Description	Definition
HESPERIODEND_PX	Instance period ended on or after 1 August 2018, and before anniversary of start date (COMDATE)	HESENDCASE = 2
HESANNIV – 1	Instance period started before anniversary of start date (COMDATE), and ended on or after anniversary of start date	HESSTARTCASE = 1, 2 and HESENDCASE = 3, 4, 5
BLANK	Instance period started on or after anniversary of start date (COMDATE), or ended before 1 August 2018	Otherwise

HESSTARTDATE_AC18

50. This field is the start date of the part of the instance period that occurred in the 2018-19 academic year. This field is only shown in the instance period file.

Value	Description	Definition
01/08/2018	Instance period started before 1 August 2018, and ended on or after 1 August 2018	HESSTARTCASE = 1 and HESENDCASE = 2, 3, 4, 5
HESPERIODSTART_PX	Instance period started on or after 1 August 2018	HESSTARTCASE = 2, 3
BLANK	Instance period ended before 1 August 2018	Otherwise

HESENDDATE_AC18

51. This field is the end date of the part of the instance period that occurred in the 2018-19 academic year and in the 2018-19 year of instance. This field is only shown in the instance period file.

Value	Description	Definition
HESPERIODEND_PX	Instance period ended on or after anniversary of start date (COMDATE), and before 1 August 2019	HESENDCASE = 3

Value	Description	Definition
31/07/2019	Instance period ends on or after 1 August 2019	HESENDCASE = 4, 5
BLANK	Instance period ended before anniversary of start date (COMDATE)	Otherwise

HESSTARTDATE_IN18

52. This field is the start date of the part of the instance period that occurred in the 2018-19 year of instance. This field is only shown in the instance period file.

Value	Description	Definition
HESANNIV	Instance period started before anniversary of start date (COMDATE), and ends on or after anniversary of start date	HESSTARTCASE = 1, 2 and HESENDCASE = 3, 4, 5
HESPERIODSTART_PX	Instance period started on or after anniversary of start date (COMDATE)	HESSTARTCASE = 3
BLANK	Instance period ended before anniversary of start date (COMDATE)	Otherwise

HESENDDATE_IN18

53. This field is the end date of the part of the instance period that occurs in the 2019-20 academic year, but in the 2018-19 year of instance. This field is only shown in the instance period file.

Value	Description	Definition
HESPERIODEND_PX	Instance period ends on or after 1 August 2019, and before anniversary of start date (COMDATE) in following academic year	HESENDCASE = 4
HESANNIV19 – 1	Instance period ends on or after anniversary of start date (COMDATE) in following academic year	HESENDCASE = 5
BLANK	Instance period ended before 1 August 2019	Otherwise

HESESFTE_1

54. This field contains the estimated FTE for the part of the instance period that occurred in the 2018-19 academic year and the 2018-19 year of instance. This field is only shown in the instance period file.

Value	Description	Definition
((HESENDDATE_AC18 – HESSTARTDATE_IN18 + 1) / (HESENDDATE_AC18 – HESSTARTDATE_AC18 + 1)) x HESSTULOAD_PX	Estimated FTE for 2018-19 year of instance between anniversary of start date (COMDATE) and 31 July 2019, inclusive	HESENDCASE = 3, 4, 5

Value	Description	Definition
0	No FTE because instance period ended before anniversary of start date (COMDATE)	Otherwise

HESESFTE_2

55. This field contains the estimated FTE for the part of the instance period that occurs in the 2019-20 academic year, but in the 2018-19 year of instance. This field is only shown in the instance period file.

Value	Description	Definition
((HESENDDATE_IN18 – 01/08/2019 + 1) / (31/07/2019 – HESSTARTDATE_IN18 + 1)) x HESESFTE_1	Estimated FTE for 2018-19 year of instance between 1 August 2019 and day before anniversary of start date (COMDATE) in following academic year, inclusive	HESENDCASE = 4, 5
0	No FTE because instance period ended before 1 August 2019	Otherwise

HESESFTE_3_IN17

56. This field contains the estimated FTE for the part of the instance period that occurred in the 2018-19 academic year, but in the 2017-18 year of instance, for instance periods that started on or after 1 August 2018. This field is only shown in the instance period file.

Value	Description	Definition
HESSTULOAD_PX	Estimated FTE for 2017-18 year of instance between 1 August 2018 and day before anniversary of start date (COMDATE), inclusive, if instance period started on or after 1 August 2018 and ended before anniversary of start date	HESSTARTCASE = 2 and HESENDCASE = 2
((HESENDDATE_IN17 – HESSTARTDATE_AC18 + 1) / (HESENDDATE_AC18 – HESSTARTDATE_IN18 + 1)) x HESESFTE_1	Estimated FTE for 2017-18 year of instance between 1 August 2018 and day before anniversary of start date (COMDATE), inclusive, if instance period started on or after 1 August 2018 and before anniversary of start date, and ended on or after anniversary of start date	HESSTARTCASE = 2 and HESENDCASE = 3, 4, 5
0	No FTE because instance period started on or after anniversary of start date (COMDATE), or before 1 August 2018	Otherwise

Instance period exclusions

57. Each instance period is assessed to determine whether or not it is included in the HESES18 population. The following derived fields explain the reasons for an instance period being excluded.

HESEXCL1_PX

58. Field indicating that a course aim of National Vocational Qualification (NVQ) or Qualified Teacher Status (QTS) only, or visiting students, is associated with the instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

Value	Description	Definition
1	NVQ or QTS only or visiting student course aim associated with the instance period	HESCOURSEAIM_PX = C43, E40, H43, H91, I71, I91, J43, J45, L91, M43, M45, M91
0	Otherwise	Otherwise

HESEXCL2_PX

59. Field indicating instance period with no qualification aim. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

Value	Description	Definition
1	No qualification aim associated with the instance period	HESCOURSEAIM_PX = C99, H99, I99, J99, M99
0	Otherwise	Otherwise

HESEXCL4_PX

60. Field indicating student is taught mostly outside of the UK for the instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

Value	Description	Definition
1	Student taught mostly outside the UK for the instance period	HESLOCSDY_PX = S and HESMSTUFEE_PX ≠ 02, 03, 04, 52, 53, 54
0	Otherwise	Otherwise

HESEXCL8_PX

61. Field indicating student is dormant, on sabbatical or writing up for the instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

Value	Description	Definition
1	Student who is dormant, on sabbatical or writing up for the instance period	HESMODE_PX = 43, 44 or HESSTULOAD_PX = 0
0	Otherwise	Otherwise

HESEXCL16_PX

62. Field indicating incoming exchange student for the instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

Value	Description	Definition
1	Incoming exchange student for the instance period	HESEXCHIND_PX = 1
0	Otherwise	Otherwise

HESEXCL_PX

63. This field indicates whether the instance period is included in the HESES18 population. For instance periods excluded from the population, HESEXCL_PX contains the sum of all applicable values from the table below. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

Value	Description	Definition
1	NVQ or QTS only or visiting student course aim associated with the instance period	HESEXCL1_PX = 1
2	No qualification aim associated with the instance period	HESEXCL2_PX = 1
4	Student taught mostly outside the UK for the instance period	HESEXCL4_PX = 1
8	Student who is dormant, on sabbatical or writing up for the instance period	HESEXCL8_PX = 1
16	Incoming exchange student for the instance period	HESEXCL16_PX = 1
0	Otherwise	None of the above

64. This field contains the exclusion reason(s) for the instance period. It is calculated as (1 × HESEXCL1_PX) + (2 × HESEXCL2_PX) + ... + (16 × HESEXCL16_PX). The reason(s) which contribute to the exclusion of an instance period can therefore be calculated. For example, if HESEXCL_PX = 10, by subtracting figures from the above table and starting at the bottom, we see that the instance period is associated with a student who is dormant, on sabbatical or writing up (HESEXCL8_PX = 1) and that there is no qualification aim associated with the instance period (HESEXCL2_PX = 1).

Instance derived fields

65. The instance period with (HESPERIODNUM = 1) is used in the algorithms for the instance derived fields. Some of these derived fields are shown in the instance period file as well as the individualised file; these are: HESANNIV, HESEXCL, HESLEVEL, HESMODE, HESPRGA, HESPRGB, HESPRGC1, HESPRGC2, HESPRGD, HESREG and HESTYPE.

HESANNIV

66. This field contains the anniversary of the start date (COMDATE) in the current academic year.

HESANNIV19

67. This field contains the anniversary of the start date (COMDATE) in the following academic year. This field is only shown in the instance period file.

HESREG

68. This field assigns students to Column 1 or 2 of the HESES18 population.

Value	Description	Definition
1	Column 1 student	HESANNIV < 2 December 2018
2	Column 2 student	Otherwise

HESEC

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

Value	Description	Definition
UK	UK-domiciled	DOMICILE = XF, XG, XH, XI, XK
OEU	Other Home and EU domiciled	DOMICILE = AI, AN, AT, AW, AX, BE, BG, BL, BM, BQ, CH, CW, CZ, DE, DK, EE, ES, EU, FI, FK, FO, FR, GF, GI, GL, GP, GR, GS, HR, HU, IC, IE, IS, IT, KY, LI, LT, LU, LV, MF, MQ, MS, MT, NC, NL, NO, PF, PL, PM, PN, PT, RE, RO, SE, SH, SI, SK, SX, TC, VG, WF, XA, YT
OTHER	Otherwise	Otherwise

HESELQQAIM

70. This field assigns the student to a broad qualification aim for use in determining whether or not they are aiming for an ELQ.

Value	Description	Definition
LEV8	Higher education (HE) at Level 8	HESCOURSEAIM_P1[†] = D, E
PGCE	Postgraduate Certificate in Education or Professional Graduate Diploma in Education or Professional Graduate Certificate in Education	HESCOURSEAIM_P1 = M71, H71

Value	Description	Definition
LEV7_MDV	First registrable degree in medicine, dentistry or veterinary science	HESCOURSEAIM_P1 = H16, M26 and (HESREGBODY1_P1 = 01, 14, 30 or HESREGBODY2_P1 = 01, 14, 30)
LEV7_MPHARM	MPharm	HESCOURSEAIM_P1 = M26 and (HESREGBODY1_P1 = 15 or HESREGBODY2_P1 = 15)
LEV7_DEG	HE at Level 7 that is equivalent to a masters	(HESCOURSEAIM_P1 = L00, M00, M01, M02, M10, M11, M16, M22, M26, M28) and not above
LEV7_DIP	Diploma at Level 7	HESCOURSEAIM_P1 = M41
LEV7_OTH	Other HE at Level 7	(HESCOURSEAIM_P1[†] = L, M) and not above
LEV6_OTH	Other HE at Level 6	(HESCOURSEAIM_P1[†] = H) and not above
LEV6_ORD	Ordinary (non-honours) first degree	HESCOURSEAIM_P1 = I00, I11, I12, I16
LEV5	HE at Level 5	(HESCOURSEAIM_P1[†] = I, J) and not above
LEV4	HE at Level 4	HESCOURSEAIM_P1[†] = C
OTHER	Not HE	Otherwise

† The first character of HESCOURSEAIM_P1 is used.

HESELQQENT

71. This field assigns the student to a broad qualification on entry group for use in determining whether or not they are aiming for an ELQ.

Value	Description	Definition
LEV8	HE at Level 8	QUALENT3[†] = D
PGCE	Postgraduate Certificate in Education or Professional Graduate Diploma in Education or Professional Graduate Certificate in Education	QUALENT3 = H71, M71
LEV7_DEG	HE at Level 7 that is equivalent to a masters	QUALENT3 = MUK, MZZ, M2X
LEV7_DIP	Diploma at Level 7	QUALENT3 = M41
LEV7_CERT	Certificate at Level 7	QUALENT3 = M44
LEV7_OTH	Other HE at Level 7	(QUALENT3[†] = M) and not above
LEV6_OTH	Other HE at Level 6	(QUALENT3[†] = H) and not above
LEV6_ORD	UK ordinary (non-honours) first degree	QUALENT3 = JUK
LEV5	HE at Level 5	(QUALENT3[†] = J) and not above
LEV4	HE at Level 4	QUALENT3[†] = C
OTHER	Not HE	QUALENT3[†] = P, Q, R or QUALENT3 = X00, X01, X02, X04, X05

Value	Description	Definition
UNKNOWN	Unknown level	Otherwise

† The first character of QUALENT3 is used.

HESELQCOMP

72. This field indicates whether or not the student is aiming for an ELQ.

Value	Description	Definition

1	Student is aiming for an ELQ	(HESELQQAIM = LEV8 and HESELQQENT = LEV8) or
		(HESELQQAIM = LEV7_DEG and HESELQQENT = LEV8, LEV7_DEG) or
		(HESELQQAIM = LEV7_DIP and
		      HESELQQENT = LEV8, LEV7_DEG, LEV7_DIP) or
		(HESELQQAIM = LEV7_OTH and
		      (HESELQQENT = LEV8, LEV7_DEG or
		            (HESELQQENT = LEV7_OTH and QUALENT3 ≠ M90))) or
		(HESELQQAIM = PGCE, LEV7_MDV, LEV7_MPHARM, LEV6_OTH and
		      HESELQQENT = LEV8, LEV7_DEG, LEV7_DIP, LEV7_CERT,
		          LEV7_OTH, PGCE, LEV6_OTH) or
		(HESELQQAIM = LEV6_ORD and
		      HESELQQENT = LEV8, LEV7_DEG, LEV7_DIP, LEV7_CERT,
		          LEV7_OTH, PGCE, LEV6_OTH, LEV6_ORD) or
		(HESELQQAIM = LEV5 and
		      HESELQQENT = LEV8, LEV7_DEG, LEV7_DIP, LEV7_CERT,
		          LEV7_OTH, PGCE, LEV6_OTH, LEV6_ORD, LEV5) or
		(HESELQQAIM = LEV4 and
		      (HESELQQENT = LEV8, LEV7_DEG, LEV7_DIP, LEV7_CERT,
		          LEV7_OTH, PGCE, LEV6_OTH, LEV6_ORD, LEV5 or
		          (HESELQQENT = LEV4 and QUALENT3 ≠ C90))) or
		HESELQQENT = UNKNOWN

0	Otherwise	Not above or
		(HESCOURSEAIM_P1 = M76 and
		      (HESREGBODY1_P1 = 01, 14, 15, 30 or
		          HESREGBODY2_P1 = 01, 14, 15, 30) and
		          QUALENT3 = M2X)

HESDISALL

73. This field indicates whether or not the student is receiving Disabled Students' Allowances.

Value	Description	Definition
1	Student is receiving Disabled Students' Allowances	HESDISALL_PX† = 4
0	Otherwise	Otherwise

† This refers to all instance periods beyond the three that are shown.

HESHEALTHPROF1-2

74. These fields identify the profession(s) of a nursing, midwifery and allied health course.

Value	Description	Definition
DENTHE	Dental therapy	HESREGBODYX_P1 = 36
DENHYG	Dental hygiene	HESREGBODYX_P1 = 37
DIETET	Dietetics	HESREGBODYX_P1 = 44
NURSUN	Nursing - unclassified	HESREGBODYX_P1 = 06
NURSAD	Nursing - adult	HESREGBODYX_P1 = 61
NURSCH	Nursing - children	HESREGBODYX_P1 = 62
NURSLD	Nursing - learning disability	HESREGBODYX_P1 = 63
NURSMH	Nursing - mental health	HESREGBODYX_P1 = 64
MIDWIF	Midwifery	HESREGBODYX_P1 = 65
OCCTHE	Occupational therapy	HESREGBODYX_P1 = 46
OPDEPT	Operating department practice	HESREGBODYX_P1 = 47
ORTHOP	Orthoptics	HESREGBODYX_P1 = 48
ORTPRO	Orthotics and prosthetics	HESREGBODYX_P1 = 52
PHYSIO	Physiotherapy	HESREGBODYX_P1 = 50
PODCHI	Podiatry and chiropody	HESREGBODYX_P1 = 42
RADTHE	Radiography (therapeutic)	HESREGBODYX_P1 = 56
RADDIA	Radiography (diagnostic)	HESREGBODYX_P1 = 57
SPELAN	Speech and language therapy	HESREGBODYX_P1 = 55
BLANK	Otherwise	Otherwise

HESHEALTHPROP1

75. 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

76. 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

Value	Definition
0.5	HESHEALTHPROF1 ≠ BLANK, DENTHE and HESHEALTHPROF2 ≠ BLANK and not above
0	Otherwise

HESHEALTHYEAR

77. This field identifies whether the student started their course in 2016-17, 2017-18, 2018-19 or another academic year.

Value	Description	Definition
2016-17	Student started in the 2016-17 academic year	COMDATE > 31 July 2016 and COMDATE < 1 August 2017
2017-18	Student started in the 2017-18 academic year	COMDATE > 31 July 2017 and COMDATE < 1 August 2018
2018-19	Student started in the 2018-19 academic year	COMDATE > 31 July 2018
OTHER	Otherwise	Otherwise

HESMODE

78. This field allocates students to a mode of study.

Value	Description	Definition
FTS	Full-time	HESMODE_P1 = 01 or (HESMODE_P1 = 23, 24 and HESLOCSDY_P1 ≠ D)
SWOUT	Sandwich year out	HESMODE_P1 = 23, 24 and HESLOCSDY_P1 = D
PT	Part-time	Otherwise

HESLEVEL

79. This field allocates students to a level of study.

Value	Description	Definition
UG	Undergraduate	HESCOURSEAIM_P1 = M22, M26, M28, H00, H11, H12, H16, H18, H22, H23, H41, H42, H70, H71, H76, H79, H80, H90, I00, I11, I12, I16, I70, I74, I76, I78, I79, I80, I90, J10, J16, J20, J26, J30, J41, J42, J76, J80, J90, C20, C30, C41, C42, C77, C78, C80, C90
PGT_ML	Postgraduate taught course eligible for masters' loans	(HESCOURSEAIM_P1 = M00, M01, M10, M11, M88 or (HESCOURSEAIM_P1 = M16 and HESHEALTHPROF1 = BLANK and HESHEALTHPROF2 = BLANK)) and (HESINITIATIVES1_P1 = U or HESINITIATIVES2_P1 = U)

Value	Description	Definition

PGT_UGF	Postgraduate taught and eligible under the undergraduate student support regime	(HESCOURSEAIM_P1 = E00, E43, E90, M00, M01, M02, M10, M11, M16, M40, M41, M42, M44, M50, M70, M71, M72, M73, M76, M78, M79, M80, M86, M90, H50, H60, H61, H62, H72, H78, H81, I60, I61, I72, I73, I81 and
		      HESTTCID_P1 = 1, 2, Q) or
		(HESCOURSEAIM_P1 = M88 and
		      HESINITIATIVES1_P1 ≠ U and
		      HESINITIATIVES2_P1 ≠ U) or
		(HESCOURSEAIM_P1 = M16, M86, H62 and
		      (HESHEALTHPROF1 ≠ BLANK or
		      HESHEALTHPROF2 ≠ BLANK)) or
		HESCOURSEAIM_P1 = H88

PGT_OTH	Postgraduate taught course that does not fall under the previous two categories	HESCOURSEAIM_P1 = E00, E43, E90, M00, M01, M02, M10, M11, M16, M40, M41, M42, M44, M50, M70, M71, M72, M73, M76, M78, M79, M80, M86, M90, H50, H60, H61, H62, H72, H78, H81, I60, I61, I72, I73, I81 and not above
PGR	Postgraduate research	HESCOURSEAIM_P1 = D00, D90, L00, L80, L90, L99
OTHER	Otherwise	None of the above

HESELQ

80. This field indicates whether or not the student is counted as aiming for an ELQ according to OfS funding definitions.

Value	Description	Definition

0	Student is not aiming for an ELQ or is exempt	HESELQCOMP = 0 or
		HESDISALL = 1 or
		HESCOURSEAIM_P1 = J10, J16 or
		HESTTCID_P1 = 1, 2, 5, Q or
		(HESCOURSEAIM_P1 = H16, H62, I16, J26, M16, M26, M86 and
		     (HESREGBODY1_P1 = 01, 06, 14, 30, 36, 37, 42, 44, 46, 47, 48, 49, 50, 52, 54, 55, 56, 57, 61, 62, 63, 64, 65 or
		     HESREGBODY2_P1 = 01, 06, 14, 30, 36, 37, 42, 44, 46, 47, 48, 49, 50, 52, 54, 55, 56, 57, 61, 62, 63, 64, 65)) or
		(HESCOURSEAIM_P1 = H76, I76, J76 and
		     (HESREGBODY1_P1 = 01, 06, 14, 30, 31, 33, 34, 35, 36, 37, 42, 44, 46, 47, 48, 49, 50, 52, 54, 55, 56, 57, 58, 60, 61, 62, 63, 64, 65 or
		     HESREGBODY2_P1 = 01, 06, 14, 30, 31, 33, 34, 35, 36, 37, 42, 44, 46, 47, 48, 49, 50, 52, 54, 55, 56, 57, 58, 60, 61, 62, 63, 64, 65)) or
		(HESCOURSEAIM_P1 = H18, H78, H88, M28, M78, M88 and
		     HESMODE = FTS) or
		HESCOURSEAIM_P1[†] = D, L

1	Student is aiming for an ELQ and is not exempt	HESELQCOMP = 1 and not above

† The first character of HESCOURSEAIM_P1 is used.

HESTYPE

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

Value	Description	Definition

HOMENF	Home and EU non-fundable	HESEC = UK, OEU and
		(HESTTCID_P1 = 1, 5, Q or
		HESELQ = 1 or
		HESLEVEL = PGR or
		(HESCOURSEAIM_P1 = H16, H62, I16, J26, M16, M26, M86 and
		    (((HESHEALTHPROF1 ≠ BLANK, DENTHE, DENHYG or
		    HESHEALTHPROF2 ≠ BLANK, DENTHE, DENHYG) and
		      ((HESLEVEL = UG and
		      HESHEALTHYEAR = 2016-17, OTHER) or
		      (HESLEVEL = PGT_UGF, PGT_ML, PGT_OTH and
		      HESHEALTHYEAR = 2017-18, 2016-17, OTHER))) or
		    ((HESHEALTHPROF1 = DENTHE, DENHYG or
		    HESHEALTHPROF2 = DENTHE, DENHYG) and
		      HESHEALTHYEAR = 2017-18, 2016-17, OTHER))) or
		(HESMSTUFEE_P1 = 31 and GROSSFEE = 0) or
		(HESLEVEL = PGT_UGF, PGT_ML, PGT_OTH and
		    HESMSTUFEE_P1 = 02, 03, 04, 06, 08, 09, 11, 12, 13, 14, 15,
		    17, 18, 19, 31, 32, 34, 35, 36, 37, 38, 39, 41, 42, 44, 49 and
		    GROSSFEE = 0))

HOMEF	Home and EU OfS-fundable	HESEC = UK, OEU and not above
ISOV	Island and overseas	Otherwise

HESMDV

82. This field identifies undergraduate clinical and pre-clinical medical, dental and veterinary science students.

Value	Description	Definition
UMED	Undergraduate medic	HESLEVEL = UG and HESCOURSEAIM_P1 = H16, I16, M26 and (HESREGBODY1_P1 = 01 or HESREGBODY2_P1 = 01) and (HESSBJCA1_P1 = A100, A300 or HESSBJCA2_P1 = A100, A300 or HESSBJCA3_P1 = A100, A300)
UDEN	Undergraduate dentist	HESLEVEL = UG and HESCOURSEAIM_P1 = H16, I16, M26 and (HESREGBODY1_P1 = 30 or HESREGBODY2_P1 = 30) and (HESSBJCA1_P1 = A200, A400 or HESSBJCA2_P1 = A200, A400 or HESSBJCA3_P1 = A200, A400)

Value	Description	Definition
UVET	Undergraduate veterinary science	HESLEVEL = UG and HESCOURSEAIM_P1 = H16, I16, M26 and (HESREGBODY1_P1 = 14 or HESREGBODY2_P1 = 14) and (HESSBJCA1_P1* = D1, D2 or HESSBJCA2_P1* = D1, D2 or HESSBJCA3_P1* = D1, D2)
OTHER	Otherwise	Otherwise

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

HESCRSELGTH

83. 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
SPLENGTH	UNITLGTH = 1
SPLENGTH / 12	UNITLGTH = 2
SPLENGTH / 52	UNITLGTH = 3
6	UNITLGTH = 9
1	Otherwise

HESCLIN

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

Value	Description	Definition

1	Undergraduate clinical medical, dental or veterinary science student assigned to price group A	(HESMDV = UMED and
		    (HESCRSELGTH – HESYEARPRG_P1) = 0, 1, 2) or
		(HESMDV = UDEN and
		    (HESCRSELGTH – HESYEARPRG_P1) = 0, 1, 2, 3) or
		(HESMDV = UVET and
		    (HESCRSELGTH – HESYEARPRG_P1) = 0, 1, 2, 3, 4)

2	Postgraduate clinical medical or dental student assigned to price group A	HESLEVEL = PGT_UGF, PGT_ML, PGT_OTH, PGR and
		(HESSBJCA1_P1 = A300, A400, C842, C845 or
		    HESSBJCA2_P1 = A300, A400, C842, C845 or
		    HESSBJCA3_P1 = A300, A400, C842, C845)

3	Postgraduate clinical veterinary science student assigned to price group A	HESLEVEL = PGT_UGF, PGT_ML, PGT_OTH, PGR and (HESSBJCA1_P1* = D2 or HESSBJCA2_P1* = D2 or HESSBJCA3_P1* = D2)
0	Otherwise	Otherwise

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

HESPRGA

85. The proportion of activity in price group A.

Value	Definition
1	HESCLIN = 1, 2, 3

1	(HESCOURSEAIM_P1 = H16, H62, I16, J26, M16, M26, M86 and
	    (HESHEALTHPROF1 = DENTHE, DENHYG or
	    HESHEALTHPROF2 = DENTHE, DENHYG))
	and not above
	and not row 1 of HESPRGC2

HESPRGC2

86. The proportion of activity in price group C2. JACS codes stated include all sub-levels, unless otherwise stated.

Value	Definition
1	HESMODE = SWOUT or HESTTCID_P1 = 1, 2, 5, Q and not row 1 of HESPRGA
1	HESREGBODY1_P1 = 54 or HESREGBODY2_P1 = 54 and not above and not rows 1 and 2 of HESPRGA and not row 1 of HESPRGB or HESPRGC1
Sum of HESSBJPCNT1_P1, HESSBJPCNT2_P1, HESSBJPCNT3_P1, divided by 100	HESSBJCAX_P1 = B160, B170, B3 (except B351, B353), B7, B8 (except B820, B830, B840), B910, B920, B930, B940, C6, C8 (except C834, C835, C865), D6 (except D61), F643, F752, F760, F764, F77, F78, F8, G, H166, I510, K (except K120), L51, L7, N234, Q2, Q4, Q9, R, T (except T690, T7, T8) and not above and not rows 1 and 2 of HESPRGA and not row 1 of HESPRGB or HESPRGC1

HESPRGB

87. The proportion of activity in price group B. JACS codes stated include all sub-levels, unless otherwise stated.

Value	Definition
1	HESCOURSEAIM_P1 = H16, H62, I16, J26, M16, M26, M86 and (HESHEALTHPROF1 = DIETET, MIDWIF, OCCTHE, OPDEPT, ORTHOP, ORTPRO, PHYSIO, PODCHI, RADTHE, RADDIA, SPELAN or HESHEALTHPROF2 = DIETET, MIDWIF, OCCTHE, OPDEPT, ORTHOP, ORTPRO, PHYSIO, PODCHI, RADTHE, RADDIA, SPELAN) and not rows 1 and 2 of HESPRGA and not row 1 of HESPRGC2

Value	Definition
Sum of HESSBJPCNT1_P1, HESSBJPCNT2_P1, HESSBJPCNT3_P1, divided by 100	HESSBJCAX_P1 = A, B0, B1 (except B160, B170), B2, B4, B5, B6, B820, B830, B840, B900, B950, B960, B990, C0, C1, C2, C3, C4, C5, C7, C865, C9, D (except D440, D442, D444, D445, D446, D447, D600, D62, D63, D64, D69), F (except F643, F752, F760, F764, F77, F78, F8), H (except H166), J (except J310, J920) and not above and not rows 1 and 2 of HESPRGA or HESPRGC2 and not row 1 of HESPRGC1

HESPRGC1

88. The proportion of activity in price group C1. JACS codes stated include all sub-levels, unless otherwise stated.

Value	Definition
1	HESCOURSEAIM_P1 = H16, H62, I16, J26, M16, M26, M86 and (HESHEALTHPROF1 = NURSUN, NURSAD, NURSCH, NURSLD, NURSMH or HESHEALTHPROF2 = NURSUN, NURSAD, NURSCH, NURSLD, NURSMH) and not rows 1 and 2 of HESPRGA and not row 1 of HESPRGB or HESPRGC2
Sum of HESSBJPCNT1_P1, HESSBJPCNT2_P1, HESSBJPCNT3_P1, divided by 100	HESSBJCAX_P1 = B351, B353, I (except I510), J310, J920, K120, P, V4, W (except W160, W330, W357, W376, W530, W63, W8) and not above and not rows 1 and 2 of HESPRGA or HESPRGC2 and not row 1 of HESPRGB

HESPRGD

89. The proportion of activity in price group D. JACS codes stated include all sub-levels, unless otherwise stated.

Value	Definition
Sum of HESSBJPCNT1_P1, HESSBJPCNT2_P1, HESSBJPCNT3_P1, divided by 100	HESSBJCAX_P1 = C834, C835, D44 (except D441, D443, D448), L (except L51, L7), M, N (except N234), Q (except Q2, Q4, Q9), T690, T7, T8, V (except V4), W160, W330, W357, W376, W530, W63, W8, X, Y and not rows 1 and 2 of HESPRGA or HESPRGC2 and not row 1 of HESPRGB or HESPRGC1

HESRESSTAT

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

Value	Description	Definition
HOMEF_UK	Fundable, UK-domiciled	HESTYPE = HOMEF and DOMICILE = XF, XG, XH, XI, XK

Value	Description	Definition
HOMEF_OTH	Fundable, other Home and EU	HESTYPE = HOMEF and not above
HOMENF_UK	Non-fundable, UK-domiciled	HESTYPE = HOMENF and DOMICILE = XF, XG, XH, XI, XK
HOMENF_OTH	Non-fundable, other Home and EU	HESTYPE = HOMENF and not above
ISOV	Island and overseas	HESTYPE = ISOV

HESBROADLEVEL

91. This field shows the broad level of study in 2018-19 for the purpose of determining 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

HESUG17

92. This field indicates how many undergraduate taught years of instance for a higher education course recognised for OfS funding purposes were associated with the UKPRN and HUSID in the 2017-18 HESA AP Student record (HESLEVEL in 2017-18 = UG). This field will be blank if no HESA AP Student data is available for the provider in 2017-18.

HESPGT17

93. This field indicates how many postgraduate taught years of instance for a higher education course recognised for OfS funding purposes were associated with the UKPRN and HUSID in the 2017-18 HESA AP Student record (HESLEVEL in 2017-18 = PGT_ML, PGT_OTH, PGT_UGF). This field will be blank if no HESA AP Student data is available for the provider in 2017-18.

HESPGR17

94. This field indicates how many postgraduate research taught years of instance for a higher education course recognised for OfS funding purposes were associated with the UKPRN and HUSID in the 2017-18 HESA AP Student record (HESLEVEL in 2017-18 = PGR). This field will be blank if no HESA AP Student data is available for the provider in 2017-18.

HESNEWENTRANT

95. This field indicates whether the student is a new entrant.

Value	Description	Definition
1	Has not been active at the same broad level at the registering provider in the previous academic year, linked by UKPRN and HUSID.	COMDATE > 31 July 2018 and ((HESBROADLEVEL = UG and HESUG17 = 0, BLANK) or (HESBROADLEVEL = PGT and HESPGT17 = 0, BLANK) or (HESBROADLEVEL = PGR and HESPGR17 = 0, BLANK))
0	Otherwise	Otherwise

HESHEALTHPOP

96. This field identifies students that will be included in the health population and is based on whether students started in 2016-17, 2017-18 or 2018-19, level of study, fundability and residential status, and the profession of the pre-registration course. The population is defined in HESES18 (Annex L, paragraph 2).

Value	Description	Definition

1	Included in health population	HESEXCL = 0 and
		HESCOURSEAIM_P1 = H16, H62, I16, J26, M16, M26, M86 and
		
		((HESHEALTHYEAR = 2016-17 and
		    HESLEVEL = UG and
		        ((HESTYPE = HOMEF and
		            (HESHEALTHPROF1 = OCCTHE, OPDEPT, ORTHOP,
		                      PHYSIO, RADDIA, RADTHE or
		             HESHEALTHPROF2 = OCCTHE, OPDEPT, ORTHOP,
		                      PHYSIO, RADDIA, RADTHE)) or
		        (HESTYPE = HOMENF and
		            (HESHEALTHPROF1 ≠ DENHYG, DENTHE, BLANK or
		             HESHEALTHPROF2 ≠ DENHYG, DENTHE, BLANK)))) or
		
		(HESHEALTHYEAR = 2017-18 and
		    ((HESLEVEL = UG and
		        (HESTYPE = HOMEF, HOMENF and
		            (HESHEALTHPROF1 ≠ BLANK or
		             HESHEALTHPROF2 ≠ BLANK))) or
		    (HESLEVEL = PGT_UGF and
		        ((HESTYPE = HOMEF and
		            (HESHEALTHPROF1 = OCCTHE, OPDEPT, ORTHOP,
		                      PHYSIO, RADDIA, RADTHE or
		            HESHEALTHPROF2 = OCCTHE, OPDEPT, ORTHOP,
		                      PHYSIO, RADDIA, RADTHE)) or
		        (HESTYPE = HOMENF and
		            (HESHEALTHPROF1 ≠ DENHYG, DENTHE, BLANK or
		             HESHEALTHPROF2 ≠ DENHYG, DENTHE, BLANK)))))) or
		
		(HESHEALTHYEAR = 2018-19 and
		    ((HESLEVEL = UG and
		        (HESTYPE = HOMEF, HOMENF and
		            (HESHEALTHPROF1 ≠ BLANK or
		              HESHEALTHPROF2 ≠ BLANK))) or
		    (HESLEVEL = PGT_UGF and
		        (HESTYPE = HOMEF, HOMENF and
		            (HESHEALTHPROF1 ≠ DENHYG, DENTHE, BLANK or
		             HESHEALTHPROF2 ≠ DENHYG, DENTHE, BLANK))))))

0	Otherwise	Otherwise

HESSTULOAD

97. This field is the sum of all values in HESSTULOAD_PX, across all instance periods.

Instance exclusions

98. The instance is assessed to determine whether or not it is included in the HESES18 population. The following derived fields explain the reasons for an instance being excluded.

HESEXCL1

99. Field indicating students who have no instance periods in the population.

Value	Description	Definition
1	No instance periods in the population	HESEXCL_P1 > 0
0	Otherwise	Otherwise

HESEXCL2

100. Field indicating students who are not active in the academic year.

Value	Description	Definition
1	Student not active in academic year	ENDDATE ≠ BLANK and ENDDATE < 1 August 2018
0	Otherwise	Otherwise

HESEXCL4

101. Field indicating students who withdrew before 2 December 2018 or left within 14 days of starting the instance.

Value	Description	Definition
1	Student who withdrew before 2 December 2018 or left within 14 days	ENDDATE ≠ BLANK and (ENDDATE < 2 December 2018 or ENDDATE – COMDATE < 14)
0	Otherwise	Otherwise

HESEXCL8

102. Field indicating students with a total STULOAD across all instance periods of less than 3.

Value	Description	Definition
1	Student with a total STULOAD of less than 3	HESSTULOAD < 3
0	Otherwise	Otherwise

HESEXCL16

103. Field indicating students who are on a non-standard year of instance in their final year of study.

Value	Description	Definition
1	Student on a non-standard year of instance in their final year of study	ENDDATE < HESANNIV + 14 and ENDDATE ≠ BLANK
0	Otherwise	Otherwise

HESEXCL

104. This field indicates whether the instance is included in the HESES18 population. For instances excluded from the population, HESEXCL contains the sum of all applicable values from the table below.

Value	Description	Definition
1	No instance periods in the population	HESEXCL1 = 1
2	Student not active in academic year	HESEXCL2 = 1
4	Student who withdrew before 2 December 2018 or left within 14 days of starting the instance	HESEXCL4 = 1
8	Student with a total STULOAD of less than 3	HESEXCL8 = 1
16	Student on a non-standard year of instance in their final year of study	HESEXCL16 = 1
0	Otherwise	None of the above

105. This field contains the exclusion reason(s) for the instance. It is calculated as (1 × HESEXCL1) + (2 × HESEXCL2) + (4 × HESEXCL4) + … + (16 × HESEXCL16). The reason(s) which contribute to the exclusion of an instance can therefore be calculated. For example, if HESEXCL = 5, by subtracting figures from the above table and starting at the bottom, we see that the student withdrew before 2 December 2018 or left within 14 days of starting the instance (HESEXCL4 = 1) and there were no instance periods in the population (HESEXCL1 = 1).

Overrides

HESOVER

106. 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 HESMODE (HESOVER = 8), HESREG (HESOVER = 2) and HESEXCL (HESOVER = 1) applied.

Value	Description
1	Override to HESEXCL
2	Override to HESREG
4	Override to HESTYPE
8	Override to HESMODE
16	Override to HESLEVEL
32	Override to HESPRGA, HESPRGB, HESPRGC1, HESPRGC2 or HESPRGD
64	Override to HESNEWENTRANT
128	Override to HESHEALTHPOP
0	Otherwise

FTE estimation

107.   The following derived fields estimate the FTE from each instance period for the 2018-19 year of instance. They are only shown in the instance period file.

HESESFTE_EXCLEST

108.   This is the estimated FTE from the instance period for the 2018-19 year of instance. It is the sum of HESESFTE_1 and HESESFTE_2. If HESPERIODSTART_PX indicates that there could be an instance period in the following academic year which starts before the anniversary of the start date of the instance, the value of this field does not include an estimate of the FTE from this period.

HESESFTE_INCLEST

109.   This is the estimated FTE from the instance period for the 2018-19 year of instance, plus an estimate of the FTE from an instance period which starts before the anniversary of the start date of the instance in the following academic year, if HESPERIODSTART_PX indicates that there could be such an instance period in the following academic year. It is the sum of HESESFTE_1, HESESFTE_2 and HESESFTE_3_IN17.

FTEA_EXCLEST, FTEB_EXCLEST, FTEC1_EXCLEST, FTEC2_EXCLEST, FTED_EXCLEST

110.   The estimated FTE of the activity assigned to each price group, excluding the estimate of FTE from an instance period starting in the following academic year (where applicable), is contained in the five FTE fields as shown in the table below. These fields are calculated by multiplying the appropriate price group field (HESPRGA, HESPRGB, HESPRGC1, HESPRGC2 and HESPRGD) by FTE (HESESFTE_EXCLEST). Note that the price group fields are derived from the instance period with (HESPERIODNUM = 1).

Field	Definition
FTEA_EXCLEST	HESPRGA x HESESFTE_EXCLEST
FTEB_EXCLEST	HESPRGB x HESESFTE_EXCLEST
FTEC1_EXCLEST	HESPRGC1 x HESESFTE_EXCLEST
FTEC2_EXCLEST	HESPRGC2 x HESESFTE_EXCLEST
FTED_EXCLEST	HESPRGD x HESESFTE_EXCLEST

FTEA_INCLEST, FTEB_INCLEST, FTEC1_INCLEST, FTEC2_INCLEST, FTED_INCLEST

111.   The estimated FTE of the activity assigned to each price group, including the estimate of FTE from an instance period starting in the following academic year (where applicable), is contained in the five FTE fields as shown in the table below. These fields are calculated by multiplying the appropriate price group field (HESPRGA, HESPRGB, HESPRGC1, HESPRGC2 and HESPRGD) by FTE (HESESFTE_INCLEST). Note that the price group fields are derived from the instance period with (HESPERIODNUM = 1).

Field	Definition
FTEA_INCLEST	HESPRGA x HESESFTE_INCLEST
FTEB_INCLEST	HESPRGB x HESESFTE_INCLEST
FTEC1_INCLEST	HESPRGC1 x HESESFTE_INCLEST
FTEC2_INCLEST	HESPRGC2 x HESESFTE_INCLEST
FTED_INCLEST	HESPRGD x HESESFTE_INCLEST