

# 2016-17 HESA Post-collection outputs: Student premium technical document

## Purpose

1. This document describes the algorithms applied to the 2016-17 HESA Student record which are used to calculate the 2018-19 student premium (SP) allocations.
2. This document is aimed at readers with in-depth knowledge of the data. Readers are advised to have a copy of the Coding Manual for the 2016-17 HESA Student record ([www.hesa.ac.uk/collection/c16051/a](http://www.hesa.ac.uk/collection/c16051/a)) to hand when using this document.
3. The '2016-17 HESA and ILR Post-collection outputs: Student premium method document' describes how to rebuild the 2018-19 SP allocations shown in the SP16\_HXXXXXXXXX.xlsx workbook. Instructions for rebuilding the headcount figures derived from 2016-17 HESA Student data are also given on the 'Rebuild\_information' sheet of the SP16\_HXXXXXXXXX.xlsx workbook.

## 2016-17 HESA fields used in the SP algorithms

4. Only certain fields, detailed in Table 1, are used to generate the SP derived fields.
5. Throughout this document, fields taken or derived from the HESA Student record are shown in capitals using the names given in Tables 1 and 2 respectively.

## Changes from the 2016-17 HESA data checking tool

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

### SPENTQUAL

7. The algorithm for SPENTQUAL = BACC has been updated to include QUALTYPEXX = EE, EF, PK, so that it is consistent with the algorithm for SPENTQUAL = BTEC.

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(QUALENT3 = P62, P63 or

(QUALENT3\* = P and

((QUALTYPEXX = IE and QUALGRADEXX ≥ 24) or

(Tariff points resulting from QUALTYPEXX = IB, ID, IS > 0.5 × SPTARIFF) or

(Tariff points resulting from QUALTYPEXX = IE, ID, IS, IB, IC, IX > 15 and

Tariff points resulting from QUALTYPEXX = IE, ID, IS, IB, IC, IX

≥ Tariff points resulting from QUALTYPEXX = 0B, 1B, 1C, 2B, 2C, 3B, 3C, 4B, 4C,

5B, 5C, 6B, 6C, 7B, 7C, 8B, 8C, 9B, 9C, B, B1, B2, B3, B4, B5, B6, B7, BB, BD, BE,

BF, BI, BJ, BT, BU, BV, BW, BX, BY, BZ, **EE, EF, EY, PJ, PK**)))) and not above

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### SPPOP

8. The algorithm for SPPOP = 1 has been updated to include starters in 2016-17 on undergraduate pre-registration dental hygiene and dental therapy courses. The funding responsibility for these courses will be transferred from the Department of Health and Social Care from 2018-19.

HESEXCL = 0 and  
HESCOMP = 4 and  
SPEXCLPC = N and  
(HESTYPE = HOMEF or  
((HESHEALTHPROF1 = DIETET, MIDWIF, NURSAD, NURSCH, NURSLD, NURSMH,  
NURSUN, OCCTHE, OPDEPT, ORTHOP, ORTPRO, PHYSIO, PODCHI, RADDIA,  
RADTHE, SPELAN or  
HESHEALTHPROF2 = DIETET, MIDWIF, NURSAD, NURSCH, NURSLD, NURSMH,  
NURSUN, OCCTHE, OPDEPT, ORTHOP, ORTPRO, PHYSIO, PODCHI, RADDIA,  
RADTHE, SPELAN) and  
HESTYPE = HOMENF and COMDATE ≥ 1 August 2015) or  
**((HESHEALTHPROF1 = DENTHE, DENHYG or  
HESHEALTHPROF2 = DENTHE, DENHYG) and  
HESTYPE = HOMENF and COMDATE ≥ 1 August 2016))** and  
DOMICILE = XF, XG, XH, XI, XK and  
HESLEVEL = UG and  
HESMODE = FTS, SWOUT and not excluded due to the reasons in rows 2-4 below

## Using the individualised file

9. When working through this document it is necessary to use the individualised file SP16\_HXXXXXXXXX\_IND.csv, where XXXXXXXX is the UK Provider Reference Number (UKPRN) for your provider. Details of how to access this file will be sent to contacts at providers. The file shows the assignment of students to categories by our algorithms and, where relevant, provides the data that have been used to determine their exclusion from the SP populations.

**Table 1: HESA fields which are used to inform the SP allocations**

Data entity	Field name	Description	Column in individualised file*
Course	COURSEAIM	General qualification aim of course	Q
Course	COURSEID <sup>†</sup>	Course identifier	E
Course	REGBODY1-2	Regulatory body for health and social care students	AL-AM
Course	TTCID	Teacher training course	BB
Entry profile	DOMICILE	Country of domicile prior to entry	T
Entry profile	POSTCODE	Postcode prior to entry	AI
Entry profile	QUALENT3	Highest qualification on entry	AJ
Entry profile	UCASAPPID	UCAS application number	BD
Instance	CAMPID <sup>†</sup>	Campus identifier	F
Instance	COMDATE	Start date of instance	P
Instance	DISALL	Disabled Students' Allowance	S
Instance	INSTCAMP <sup>†</sup>	Provider's own campus identifier	G
Instance	INTERCALATE	Intercalation	AF
Instance	MODE	Mode of study	AH
Instance	NUMHUS	Student instance identifier	C
Instance	RCSTDNT	Research council student	AK
Instance	TYPEYR <sup>†</sup>	Type of instance year	BC

Data entity	Field name	Description	Column in individualised file*
Instance	YEARPRG	Year of course	BE
Institution	UKPRN	UK Provider Reference Number	A
Qualifications on entry	QUALGRADE01-30	Qualification grade	DN-EQ
Qualifications on entry	QUALSBJ01-30	Qualification subject	CJ-DM
Qualifications on entry	QUALTYPE01-30	Qualification type	BF-CI
Student	BIRTHDTE	Date of birth	O
Student	DISABLE	Disability	R
Student	HUSID	HESA unique student identifier	B
Student	OWNSTU†	Provider's own identifier for student	D

\* The individualised file SP16\_HXXXXXXXXX\_IND.csv, downloadable from the OfS portal (see <https://extranet.officeforstudents.org.uk/data>).

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

## Description of derived fields

10. This section provides details of the derived fields in the individualised file. These fields are used in calculating the SP allocations.

**Table 2: Derived fields which are used to inform the SP allocations**

Field name	Description	Paragraph	Column in individualised file*	SP area(s) used in†
HESCOMP†	HESES completion of year of instance indicator	38	U	Dis/FTSP
HESCRSELGTH†	Expected length of the course in years	37	V	Dis
HESESFTE†	FTE for the year of instance	46-47	W	Dis
HESEXCL†	Reason for exclusion from the HESES population	80-81	X	Dis/FTSP
HESHEALTHPROF1-2†	Identifies which nursing, midwifery or allied health profession the student is included in	85	Y-Z	FTSP
HESLEVEL†	Level of study	34	AA	Dis/FTSP
HESMODE†	Mode of study	33	AB	Dis/FTSP
HESTYPE†	Fundability status	36	AC	Dis/FTSP
HESYZERO†	Indicates the year in which the student last took a foundation year	59	AD	Dis

<b>Field name</b>	<b>Description</b>	<b>Paragraph</b>	<b>Column in individualised file*</b>	<b>SP area(s) used in‡</b>
HESYZERROADJ†	Indicates whether the student has taken a foundation year	60	AE	Dis
LENGTH†	Indicates whether the student is on a standard or long year of instance	35	AG	Dis
SPDISPOP	Inclusion in the disabled students' premium population	17	I	Dis
SPDSAALLOC	In receipt of Disabled Students' Allowance (DSA)	18	J	Dis
SPENTQUAL	Grouping of the student's highest qualification on entry	28	AN	FTSP
SPENTRYAGE	Student's age on commencement of instance	31-32	AO	FTSP
SPEXCLPC	Indicates whether postcode was mapped to census data	34	AP	FTSP
SPGRADECOMB	Categorises students with A-levels, Scottish Highers or Scottish Advanced Highers on entry according to the highest grades for these qualification types	24-27	AQ	FTSP
SPGRP	Entry qualification risk group	36-38	L	FTSP
SPHIGHQUAL	Identifies students who have previously obtained their qualification aim, or a higher qualification aim	33	AR	FTSP
SPINTERCAL	Indicates the year in which the student last took an intercalated degree	11	AS	Dis
SPINTERCALADJ	Indicates whether the student has taken an intercalated degree	12	AT	Dis
SPNHS	NHS bursary group	13	AU	Dis
SPOUDSA	DSA eligibility status for Open University students	16	AV	Dis
SPPGDSA	DSA eligibility status for postgraduates	15	AW	Dis

<b>Field name</b>	<b>Description</b>	<b>Paragraph</b>	<b>Column in individualised file*</b>	<b>SP area(s) used in‡</b>
SPPOP	Identifies students in the full-time successful outcomes population	35	M	FTSP
SPQUIN	Participation or qualification quintile of student in full-time successful outcomes population	39	N	FTSP
SPSDALLOC	Self-declared disability, not in receipt of DSA	19	K	Dis
SPTARIFF	Total tariff points	23	AX	FTSP
SPTARQUAL	Tariff-bearing qualifications on entry indicator	29	AY	FTSP
SPUGDSA	DSA eligibility status for undergraduates	14	AZ	Dis
SPUGLEVEL	Indicates whether student is aiming for a first degree	30	BA	FTSP
STUBID†	Unique countable year of instance identifier	23-24	H	Dis/FTSP

\* The individualised file SP16\_HXXXXXXXXX\_IND.csv, downloadable from the OfS portal (see <https://extranet.officeforstudents.org.uk/data>).

† The algorithms for deriving these fields are given in the 'HESES16 comparison technical document'; the paragraph references refer to this document. STUBID is not used in the calculation but is included in the individualised file to allow easy identification of years of instance.

‡ Dis = Disabled students' premium, FTSP = Premium to support successful student outcomes: full-time.

## Disabled students' premium

### SPINTERCAL (Column AS)

11. This field indicates the year in which a student last took an intercalated degree (INTERCALATE = 01 or COURSEAIM = H24) as part of this instance. For students who have not taken an intercalated degree, this field is blank. We have linked back to 2005-06.

### SPINTERCALADJ (Column AT)

12. This field indicates students who have taken an intercalated degree.

Value	Description	Definition
1	Intercalated degree taken	SPINTERCAL ≠ BLANK or INTERCALATE = 01
0	Otherwise	Otherwise

### SPNHS (Column AU)

13. This field identifies the two different groups of students who are eligible for NHS bursaries in 2016-17.

Value	Description	Definition
NHS1	Course with NHS bursary: non-medical or dental students	COURSEAIM = H16, H62, I16, J26, M16, M26, M86 and (REGBODY1 = 06, 36, 37, 42, 44, 46, 47, 48, 50, 52, 55, 56, 57, 61, 62, 63, 64, 65 or REGBODY2 = 06, 36, 37, 42, 44, 46, 47, 48, 50, 52, 55, 56, 57, 61, 62, 63, 64, 65 or (UKPRN = 10007791 and COURSEAIM = J16 and (REGBODY1 = 37 or REGBODY2 = 37)))
NHS2	Year with NHS bursary: years 5 or greater pre-registration medical and dental students; or years 2, 3 or 4 of a four-year graduate entry programme	COURSEAIM = H16, H62, I16, J26, M16, M26, M86 and (REGBODY1 = 01, 30 or REGBODY2 = 01, 30) and ((HESCRSELGTH ≥ 5 and (YEARPRG + HESYZEROADJ + SPINTERCALADJ) > 4) or (HESCRSELGTH = 3, 4 and (YEARPRG + HESYZEROADJ + SPINTERCALADJ) = 2, 3, 4))
OTHER	Otherwise	Otherwise

### SPUGDSA (Column AZ)

14. The SPUGDSA field indicates the Disabled Students' Allowance (DSA) eligibility status for undergraduates, including students on Postgraduate Initial Teacher Training courses and excluding Open University students.

Value	Description	Definition
1	Undergraduate eligible for DSA	UKPRN ≠ 10007773 and DOMICILE = XF, XG, XH, XI, XK and (HESLEVEL = UG or (HESLEVEL = PGT_OTH, PGT_ML, PGT_UGF and TTCID = 1, 2, Q)) and SPNHS ≠ NHS1, NHS2 and (HESMODE = FTS or (HESMODE = SWOUT and MODE ≠ 23) or (HESMODE = PT and ((COMDATE < 1 September 2012 and HESESFTE ≥ 50) or (COMDATE ≥ 1 September 2012 and HESESFTE ≥ 25))))
0	Otherwise	Otherwise

### SPPGDSA (Column AW)

15. The SPPGDSA field indicates the DSA eligibility status for postgraduates, excluding students on Postgraduate Initial Teacher Training courses and Open University students.

Value	Description	Definition
1	Postgraduate eligible for DSA	UKPRN ≠ 10007773 and DOMICILE = XF, XG, XH, XI, XK and ((HESLEVEL = PGT_OTH, PGT_ML, PGT_UGF and TTCID ≠ 1, 2, Q) or HESLEVEL= PGR) and RCSTDNT = 99, BLANK and SPNHS ≠ NHS1, NHS2 and (HESMODE = FTS or (HESMODE = SWOUT and MODE ≠ 23) or (HESMODE = PT and ((COMDATE < 1 September 2012 and HESESFTE ≥ 50) or (COMDATE ≥ 1 September 2012 and HESESFTE ≥ 25))))
0	Otherwise	Otherwise

**SPOUDSA (Column AV)**

16. The SPOUDSA field indicates the DSA eligibility status for Open University students.

Value	Description	Definition
1	Open University student eligible for DSA	UKPRN = 10007773 and DOMICILE = XF, XG, XH, XI, XK and SPNHS ≠ NHS1, NHS2 and (((COMDATE < 1 September 2012 or DOMICILE = XH) and HESESFTE ≥ 50) or ((COMDATE ≥ 1 September 2012 and DOMICILE ≠ XH) and HESESFTE ≥ 25)) or (HESLEVEL = PGT_OTH, PGT_ML and LENGTH = L and (((COMDATE < 1 September 2012 or DOMICILE = XH) and HESESFTE ≥ 33.3) or (COMDATE ≥ 1 September 2012 and DOMICILE ≠ XH and HESESFTE ≥ 16.7))))
0	Otherwise	Otherwise

**SPDISPOP (Column I)**

17. The SPDISPOP field indicates whether the student is included in the disabled students' premium population.

Value	Description	Definition
1	Included in the disabled students' premium population	HESCOMP = 4 and HESEXCL = 0 and HESTYPE = HOMEF, HOMENF and (SPUGDSA = 1 or SPPGDSA = 1 or SPOUDSA = 1)
0	Otherwise	Otherwise

**SPDSAALLOC (Column J)**

18. The SPDSAALLOC field indicates whether the student is in receipt of Disabled Students' Allowance (DSA).

Value	Description	Definition
1	In receipt of Disabled Students' Allowance (DSA)	SPDISPOP = 1 and DISALL = 4
0	Otherwise	Otherwise



### **SPSDALLOC (Column K)**

19. The SPSDALLOC field indicates whether the student has self-declared a disability or health problem and is not in receipt of DSA.

<b>Value</b>	<b>Description</b>	<b>Definition</b>
1	Self-declared disability or health problem and not in receipt of DSA	SPDISPOP = 1 and SPDSAALLOC ≠ 1 and DISABLE ≠ 00, BLANK
0	Otherwise	Otherwise

### **Premium to support successful student outcomes: full-time**

#### **QUALTYPE01-30 (Columns BF-CI)**

20. The qualification type (QUALTYPE) of each of the student's qualifications on entry<sup>1</sup>.

#### **QUALSBJ01-30 (Columns CJ-DM)**

21. The qualification subject (QUALSBJ) of each of the student's qualifications on entry<sup>Error! Bookmark not defined.</sup>.

#### **QUALGRADE01-30 (Columns DN-EQ)**

22. The qualification grade (QUALGRADE) of each of the student's qualifications on entry<sup>Error! Bookmark not defined.</sup>.

#### **SPTARIFF (Column AX)**

23. The SPTARIFF field contains the total number of tariff points for the student and is calculated using exactly the same method as the HESA derived field XTARIFF for 2016-17. The full specification for XTARIFF in 2016-17 can be found on HESA's website at: [www.hesa.ac.uk/collection/c16051/derived-fields](http://www.hesa.ac.uk/collection/c16051/derived-fields).

#### **SPGRADECOMB (Column AQ)**

24. The SPGRADECOMB field categorises students, where the student has A-levels, Scottish Highers or Scottish Advanced Highers on entry (QUALTYPEXX = A, DA, V, V2, 9U, AN, H, AH), into groups according to the highest grades for these qualification types.

25. Where qualifications for the student have identical subjects (QUALSBJXX), we identify the qualification type (QUALTYPEXX) which results in the highest value of tariff points and discard those duplicates with a lower value of tariff points. The exception to this is for students with Scottish Highers (QUALTYPEXX

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<sup>1</sup> For space reasons, only 30 occurrences are included in the individualised file. All occurrences are considered in our algorithms.

= H). If such a student also has an Advanced Higher (QUALTYPEXX = AH) in the same subject area, this could result in the student being incorrectly assessed into the wrong grade category, as this de-duplication usually retains the Advanced Highers in preference to the Highers, even if those Advanced Highers have a lower grade. To overcome this anomaly, we look at the students' Scottish Highers separately to see if they qualify in a particular grade category, regardless of their Advanced Highers.

26. Hashes and lower case letters are stripped out from QUALGRADEXX when used in our calculations as they do not affect the assignment of tariff points so can be disregarded for the purposes of this calculation (for example QUALGRADE = Ad becomes A, A#B# becomes AB). For Scottish Advanced Highers and Scottish Highers (QUALTYPEXX = AH, H), numbers and asterisks are also stripped out from QUALGRADEXX because they do not affect the assignment of category (for example QUALGRADE = B4 becomes B, A\* becomes A).

27. Where a 'double-award' is taken (QUALTYPEXX = DA, V2) each of the two grades is treated separately (QUALTYPEXX = A, V respectively). For example, if QUALTYPEXX = DA and QUALGRADEXX = AB the student will be treated as though they were awarded one A grade and one B grade at A-level. Likewise where an A-level and an AS-level are treated as a combined award (QUALTYPEXX = 9U, AN) each of the two grades is treated separately as an A-level and AS-level respectively. For example, if QUALTYPEXX = AN and QUALGRADEXX = BC the student will be treated as though they were awarded a B grade at A-level and a C grade at AS-level.

Value	Description	Definition
ACC_BBC+	Student's highest A-level grades are at least ACC or BBC	Student has at least 3 x QUALTYPEXX = A, V (or DA, V2, 9U, AN – see paragraph 27), in distinct subjects, of which the highest QUALGRADEXX are in the following combinations: (A*, A*, A*); (A*, A*, A); (A*, A, A); (A, A, A); (A*, A*, B); (A*, A, B); (A, A, B); (A*, A*, C); (A*, A, C); (A, A, C); (A*, B, B); (A, B, B); (A*, B, C); (A, B, C); (B, B, B); (A*, C, C); (A, C, C); (B, B, C)
ACC_BBC+	Student's highest Scottish Advanced Higher grades are at least ACC or BBC	Student has at least 3 x QUALTYPEXX = AH in distinct subjects of which the highest QUALGRADEXX are in the following combinations: (A, A, A); (A, A, B); (A, A, C); (A, B, B); (A, B, C); (B, B, B); (A, C, C); (B, B, C)
ACC_BBC+	Student's highest Scottish Higher grades are at least AACCC or ABCCC or BBBBC or BBBCC	Student has at least 5 x QUALTYPEXX = H in distinct subjects of which the highest QUALGRADEXX are in the following combinations: (A, A, A, A, A); (A, A, A, A, B); (A, A, A, B, B); (A, A, A, A, C); (A, B, B, B, B); (A, A, B, B, C); (A, A, B, B, B); (A, A, A, A, D); (A, A, A, B, C); (A, A, A, C, C); (A, A, A, B, D); (A, A, B, C, C); (A, B, B, B, C); (A, B, B, C, C); (B, B, B, B, B); (A, A, C, C, C); (A, B, C, C, C); (B, B, B, B, C); (B, B, B, C, C)

Value	Description	Definition
BCC_CCC	Student's highest A-level grades are BCC or CCC	Student has at least 3 x QUALTYPEXX = A, V (or DA, V2, 9U, AN – see paragraph 27), in distinct subjects, of which the highest QUALGRADEXX are in the following combinations: (B, C, C); (C, C, C)
BCC_CCC	Student's highest Scottish Advanced Higher grades are BCC or CCC	Student has at least 3 x QUALTYPEXX = AH in distinct subjects of which the highest QUALGRADEXX are in the following combinations: (B, C, C); (C, C, C)
BCC_CCC	Student's highest Scottish Higher grades are ACCCC or BBCCC or BCCCC or CCCCC	Student has at least 5 x QUALTYPEXX = H in distinct subjects of which the highest QUALGRADEXX are in the following combinations: (A,C,C,C,C); (B,B,C,C,C); (B,C,C,C,C); (C,C,C,C,C)
OTHER	Otherwise	Otherwise

### SPENTQUAL (Column AN)

28. The SPENTQUAL field contains the grouping of the student's highest qualification on entry.

Value	Description	Definition
L3_COMB	Level 3 qualification with combinations of A-levels, Scottish Advanced Highers or Scottish Highers	QVALENT3* = P (excluding P62, P63) and SPGRADECOMB ≠ OTHER
BACC	Baccalaureate	(QVALENT3 = P62, P63 or (QVALENT3* = P and ((QUALTYPEXX = IE and QUALGRADEXX ≥ 24) or (Tariff points resulting from QUALTYPEXX = IB, ID, IS > 0.5 × SPTARIFF) or (Tariff points resulting from QUALTYPEXX = IE, ID, IS, IB, IC, IX > 15 and Tariff points resulting from QUALTYPEXX = IE, ID, IS, IB, IC, IX ≥ Tariff points resulting from QUALTYPEXX = 0B, 1B, 1C, 2B, 2C, 3B, 3C, 4B, 4C, 5B, 5C, 6B, 6C, 7B, 7C, 8B, 8C, 9B, 9C, B, B1, B2, B3, B4, B5, B6, B7, BB, BD, BE, BF, BI, BJ, BT, BU, BV, BW, BX, BY, BZ, EE, EF, EY, PJ, PK)))) and not above

Value	Description	Definition
BTEC	BTEC	QVALENT3* = P (excluding P62, P63) and QUALTYPEXX = 0B, 1B, 1C, 2B, 2C, 3B, 3C, 4B, 4C, 5B, 5C, 6B, 6C, 7B, 7C, 8B, 8C, 9B, 9C, B, B1, B2, B3, B4, B5, B6, B7, BB, BD, BE, BF, BI, BJ, BT, BU, BV, BW, BX, BY, BZ, EE, EF, EY, PJ, PK and not above
OTH3_TAR	Other Level 3 qualifications (generally expected to be included in the tariff)	QVALENT3 = P47, P50, P54, P64, P65, P68, P91, P93, P94 or (COMDATE < 1 August 2013 and QVALENT3 = J49, C80 and QUALTYPEXX = FA, BI, BX) and not above
OTH3_NOTAR	Other Level 3 qualifications (not generally expected to be included in the tariff)	QVALENT3 = P51, P53, P92 or (COMDATE < 1 August 2013 and QVALENT3 = J49 and QUALTYPEXX = FY) and not above
OTH3_POSSTAR	Other Level 3 qualifications (uncertainty over whether expected to be included in the tariff)	QVALENT3 = P41, P42, P46, P80 and not above
ACCESS	Access course	QVALENT3 = X00, X01 and not above
FOU	Foundation course	QVALENT3 = J49 and not above
HEPG	HE: Postgraduate level	QVALENT3 = DUK, DZZ, D80, M41, M44, M71, M80, M90, MUK, MZZ, H71 and not above
HEFD	HE: First degree level	QVALENT3 = M2X, H11, HUK, HZZ, JUK and not above
HEOUG	HE: Other undergraduate level	QVALENT3 = H80, J10, J20, J30, J48, J80, C20, C30, C44, C80, C90 and not above
NONE	No formal qualifications	QVALENT3 = X02, X05 and not above
OTHER	Other qualifications (unknown level, or below Level 3)	QVALENT3 = Q51, Q52, Q80, R51, R52, R80 and not above
UNKNOWN	Unknown qualifications	Otherwise

\*The first character of QVALENT3 is used.

### SPTARQUAL (Column AY)

29. The SPTARQUAL field indicates whether the student has any qualifications on entry which could contribute to the tariff calculation.

<b>Value</b>	<b>Description</b>	<b>Definition</b>
TAR	Student has at least one qualification type which could contribute to the tariff calculation	At least one QUALTYPE is in the following list: 0B, 1B, 1C, 1E, 1N, 1W, 2B, 2C, 3B, 3C, 4B, 4C, 5B, 5C, 6B, 6C, 6M, 7B, 7C, 7M, 8B, 8C, 8M, 9B, 9C, 9U, A, A1, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AL, AN, AP, AQ, AR, AS, AT, AW, B, B1, B2, B3, B4, B5, B6, B7, BB, BD, BE, BF, BI, BT, BU, BV, BW, BX, BY, BZ, C1, C2, CA, CB, CC, CD, CE, CF, CJ, CK, CL, CM, CN, CO, CP, CS, CW, D6, D7, D8, DA, EA, EE, EF, EI, EP, EQ, EY, FA, FD, FM, FR, FS, FY, G6, G7, G8, H, HC, HD, HL, IB, IC, ID, IE, IF, IH, IJ, IL, IN, IO, IS, IX, M6, M7, M8, MC, MD, ME, N0, N1, N2, N3, N4, N5, N6, N9, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NN, NP, NQ, O1, O2, O3, O4, O5, O6, O7, O8, OB, OC, OD, OE, OT, P0, P3, P4, P5, PA, PB, PC, PD, PI, PJ, PL, PP, PR, R1, R2, R3, R4, R5, S1, S2, S3, SB, SI, SP, SS, TA, U6, U7, U8, U9, UA, UB, UC, UD, UG, US, V, V1, V2, VA, VC, VF, VI, WB, WE, WJ, WK, WL, YE, YK, YL
NOTAR	None of the student's qualification types could contribute to the tariff calculation	QUALTYPE01 ≠ BLANK and not above
EMPTY	Student has nothing in the qualifications on entry entity	Otherwise

### **SPUGLEVEL (Column BA)**

30. The SPUGLEVEL field splits undergraduate students into those aiming for a first degree and other undergraduates.

<b>Value</b>	<b>Description</b>	<b>Definition</b>
OUG	Other undergraduate	HESLEVEL = UG and COURSEAIM = H41, H42, H43, H60, H61, H62, H70, H71, H72, H76, H78, H79, H80, H81, H88, H90, H91, H99, I60, I61, I70, I71, I72, I73, I74, I76, I79, I80, I81, I90, I91, I99, J10, J16, J20, J26, J30, J41, J42, J43, J45, J76, J80, J90, J99, C20, C30, C41, C42, C43, C77, C78, C80, C90, C99
FIRST	Undergraduate aiming for a first degree	HESLEVEL = UG and not above
OTHER	Not an undergraduate	Otherwise

### SPENTRYAGE (Column AO)

31. The SPENTRYAGE field contains the student's age at the commencement of the instance. This is the number of full years between BIRTHDTE and COMDATE.

32. Where BIRTHDTE or COMDATE are missing, SPENTRYAGE will be set to zero.

### SPHIGHQUAL (Column AR)

33. The SPHIGHQUAL field indicates whether or not the student has previously obtained their qualification aim, or a higher qualification aim.

Value	Description	Definition
1	Student has not previously obtained their qualification aim, or a higher qualification aim	(QUALENT3 = JUK and COURSEAIM* = H) or (QUALENT3 <sup>†</sup> = J (except JUK) and COURSEAIM* = H, I) or (QUALENT3 = C (except C90) and COURSEAIM* = H, I, J) or (QUALENT3 = C90 and COURSEAIM* = H (except H90), I (except I90), J (except J90), C (except C90)) or QUALENT3 <sup>†</sup> = P, Q, R, X (except X04, X06)
0	Otherwise	Otherwise

† The first character of QUALENT3 is used.

\* The first character of COURSEAIM is used.

### SPEXCLPC (Column AP)

34. The SPEXCLPC field indicates whether the student's home postcode (POSTCODE) has been excluded from the mapping to 2001 Census Area Statistics (CAS) ward data. Postcodes are excluded if our analysis indicates they are inappropriate for participation measurement (typically institutions such as boarding schools), they are marked as non-geographic postcodes in the Office for National Statistics (ONS) National Statistics Postcode Lookup, or where no link to 2001 CAS ward data is possible.

Value	Description
Y	Excluded from mapping to 2001 CAS ward data
N	Included in mapping to 2001 CAS ward data

**SPPOP (Column M)**

35. The SPPOP field indicates whether the student is included in the full-time successful outcomes population.

Value	Description	Definition
1	Included in full-time successful outcomes population	HESEXCL = 0 and HESCOMP = 4 and SPEXCLPC = N and (HESTYPE = HOMEF or ((HESHEALTHPROF1 = DIETET, MIDWIF, NURSAD, NURSCH, NURSLD, NURSMH, NURSUN, OCCTHE, OPDEPT, ORTHOP, ORTPRO, PHYSIO, PODCHI, RADDIA, RADTHE, SPELAN or HESHEALTHPROF2 = DIETET, MIDWIF, NURSAD, NURSCH, NURSLD, NURSMH, NURSUN, OCCTHE, OPDEPT, ORTHOP, ORTPRO, PHYSIO, PODCHI, RADDIA, RADTHE, SPELAN) and HESTYPE = HOMENF and COMDATE ≥ 1 August 2015) or ((HESHEALTHPROF1 = DENTHE, DENHYG or HESHEALTHPROF2 = DENTHE, DENHYG) and HESTYPE = HOMENF and COMDATE ≥ 1 August 2016)) and DOMICILE = XF, XG, XH, XI, XK and HESLEVEL = UG and HESMODE = FTS, SWOUT and not excluded due to the reasons in rows 2-4 below
0	Not included in full-time successful outcomes population: QUALENT3 = P80 and no tariff-bearing qualifications on entry	QUALENT3 = P80 and SPTARQUAL = NOTAR, EMPTY
0	Not included in full-time successful outcomes population: at least one blank qualification grade	SPENTQUAL = OTH3_TAR, OTH3_NOTAR, OTH3_POSSTAR and QUALTYPEXX ≠ BLANK and QUALGRADEXX* = BLANK

Value	Description	Definition
0	Not included in full-time successful outcomes population: certain mature UCAS entrants with zero tariff points	SPENTRYAGE ≥ 21 and SPENTQUAL = OTH3_TAR and SPTARIFF = 0 and SPTARQUAL = EMPTY and UCASAPPID ≠ BLANK, 000000000
0	Not included in full-time successful outcomes population: otherwise	Otherwise

\* This condition applies to any pair of QUALTYPE and QUALGRADE for the student

### SPGRP (Column L)

36. The SPGRP field holds the entry qualification risk group the student was assigned to.

37. For those aiming for a first degree (SPUGLEVEL = FIRST), the assignment to risk groups is as follows:

Value	Description	Definition
Y_F_L	Young, first degree, low risk	SPUGLEVEL = FIRST and SPENTRYAGE < 21 and ((SPENTQUAL = L3_COMB and SPGRADECOMB = ACC_BBC+, BCC_CCC) or (SPENTQUAL = OTH3_TAR, OTH3_NOTAR, OTH3_POSSTAR and SPTARIFF ≥ 291) or SPENTQUAL = HEPG, HEOUG, HEFD, BACC)
Y_F_M	Young, first degree, medium risk	SPUGLEVEL = FIRST and SPENTRYAGE < 21 and (((SPENTQUAL = OTH3_TAR, OTH3_NOTAR, OTH3_POSSTAR and (101 ≤ SPTARIFF ≤ 290 or (SPTARIFF = 0 and (SPTARQUAL = TAR, NOTAR or (SPTARQUAL = EMPTY and UCASAPPID = BLANK, 000000000)))))) or (SPENTQUAL = OTH3_NOTAR, OTH3_POSSTAR and SPTARIFF = 0 and SPTARQUAL = EMPTY and UCASAPPID ≠ BLANK, 000000000) or SPENTQUAL = FOU) and not above



<b>Value</b>	<b>Description</b>	<b>Definition</b>
Y_F_H	Young, first degree, high risk	SPUGLEVEL = FIRST and SPENTRYAGE < 21 and ((SPENTQUAL = OTH3_TAR, OTH3_NOTAR, OTH3_POSSTAR and 1 ≤ SPTARIFF ≤ 100) or SPENTQUAL = ACCESS, BTEC, OTHER, NONE) and not above
Y_F_U	Young, first degree, unknown	SPUGLEVEL = FIRST and SPENTRYAGE < 21 and not above
M_F_L	Mature, first degree, low risk	SPUGLEVEL = FIRST and SPENTRYAGE ≥ 21 and ((SPENTQUAL = L3_COMB and SPGRADECOMB = ACC_BBC+) or (SPENTQUAL = OTH3_TAR, OTH3_NOTAR, OTH3_POSSTAR and SPTARIFF ≥ 261) or SPENTQUAL = HEPG, HEOUG, HEFD)
M_F_M	Mature, first degree, medium risk	SPUGLEVEL = FIRST and SPENTRYAGE ≥ 21 and ((SPENTQUAL = L3_COMB and SPGRADECOMB = BCC_CCC) or (SPENTQUAL = OTH3_TAR, OTH3_NOTAR, OTH3_POSSTAR and (1 ≤ SPTARIFF ≤ 260 or (SPTARIFF = 0 and (SPTARQUAL = TAR, NOTAR or (SPTARQUAL = EMPTY and UCASAPPID = BLANK, 00000000)))))) or SPENTQUAL = BACC, ACCESS, FOU or (SPENTQUAL = OTH3_NOTAR, OTH3_POSSTAR and SPTARIFF = 0 and SPTARQUAL = EMPTY and UCASAPPID ≠ BLANK, 00000000)) and not above
M_F_H	Mature, first degree, high risk	SPUGLEVEL = FIRST and SPENTRYAGE ≥ 21 and SPENTQUAL = BTEC, OTHER, NONE and not above
M_F_U	Mature, first degree, unknown	SPUGLEVEL = FIRST and SPENTRYAGE ≥ 21 and not above

38. For other undergraduates (SPUGLEVEL = OUG), the assignment to risk groups is instead as follows:

<b>Value</b>	<b>Description</b>	<b>Definition</b>
Y_O_L	Young, other undergraduate, low risk	SPUGLEVEL = OUG and SPENTRYAGE < 21 and ((SPENTQUAL = L3_COMB and SPGRADECOMB = ACC_BBC+, BCC_CCC) or (SPENTQUAL = OTH3_TAR, OTH3_NOTAR, OTH3_POSSTAR and SPTARIFF ≥ 291)) or SPENTQUAL = HEPG, HEOUG, HEFD
Y_O_M	Young, other undergraduate, medium risk	SPUGLEVEL = OUG and SPENTRYAGE < 21 and ((SPENTQUAL = OTH3_TAR, OTH3_NOTAR, OTH3_POSSTAR and 161 ≤ SPTARIFF ≤ 290) or SPENTQUAL = BACC, FOU, ACCESS) and not above
Y_O_H	Young, other undergraduate, high risk	SPUGLEVEL = OUG and SPENTRYAGE < 21 and ((SPENTQUAL = OTH3_TAR, OTH3_NOTAR, OTH3_POSSTAR and (1 ≤ SPTARIFF ≤ 160 or (SPTARIFF = 0 and (SPTARQUAL = TAR, NOTAR or (SPTARQUAL = EMPTY and UCASAPPID = BLANK, 000000000)))))) or SPENTQUAL = BTEC, OTHER, NONE or (SPENTQUAL = OTH3_NOTAR, OTH3_POSSTAR and SPTARIFF = 0 and SPTARQUAL = EMPTY and UCASAPPID ≠ BLANK, 000000000)) and not above
Y_O_U	Young, other undergraduate, unknown	SPUGLEVEL = OUG and SPENTRYAGE < 21 and not above
M_O_L	Mature, other undergraduate, low risk	SPUGLEVEL = OUG and SPENTRYAGE ≥ 21 and ((SPENTQUAL = L3_COMB and SPGRADECOMB = ACC_BBC+, BCC_CCC) or (SPENTQUAL = OTH3_TAR, OTH3_NOTAR, OTH3_POSSTAR and SPTARIFF ≥ 161) or SPENTQUAL = HEPG, HEOUG, HEFD, ACCESS)
M_O_M	Mature, other undergraduate, medium risk	SPUGLEVEL = OUG and SPENTRYAGE ≥ 21 and ((SPENTQUAL = OTH3_TAR, OTH3_NOTAR, OTH3_POSSTAR and 1 ≤ SPTARIFF ≤ 160) or SPENTQUAL = FOU) and not above
M_O_H	Mature, other undergraduate, high risk	SPUGLEVEL = OUG and SPENTRYAGE ≥ 21 and

Value	Description	Definition
		(SPENTQUAL = BACC, BTEC, OTHER, NONE or (SPENTQUAL = OTH3_TAR, OTH3_NOTAR, OTH3_POSSTAR and SPTARIFF = 0 and (SPTARQUAL = TAR, NOTAR or (SPTARQUAL = EMPTY and UCASAPPID = BLANK, 000000000))) or (SPENTQUAL = OTH3_NOTAR, OTH3_POSSTAR and SPTARIFF = 0 and SPTARQUAL = EMPTY and UCASAPPID ≠ BLANK, 000000000)) and not above
M_O_U	Mature, other undergraduate, unknown	SPUGLEVEL = OUG and SPENTRYAGE ≥ 21 and not above

### SPQUIN (Column N)

39. The SPQUIN field indicates:

- a. For young students in the full-time successful outcomes population (SPPOP = 1 and SPENTRYAGE < 21): the young higher education participation rate (POLAR3) quintile of the student's 2001 CAS ward. Values are 1 to 5, with 1 being the quintile of lowest participation rates.
- b. For mature students in the full-time successful outcomes population (SPPOP = 1 and SPENTRYAGE ≥ 21): the adult higher education qualification quintile of the student's 2001 CAS ward (defined as the proportion of 16-74 year olds with a higher education qualification). Values are 1 to 5, with 1 being the quintile with the lowest proportions of higher education qualified adults. Note that mature full-time students who already hold a higher education qualification at the same level as, or higher than, their current qualification aim, or have unknown entry qualifications (SPHIGHQUAL = 0), are given a quintile value of 5, irrespective of their postcode.