2017-18 HESA Student post-collection outputs

Student premium technical document

Contents

Summary

Introduction

1. This document describes the student premium (SP) funding data summary supplied as part of the 2017-18 Higher Education Statistics Agency (HESA) Student post-collection outputs, and the algorithms applied to the 2017-18 HESA Student record that are used to calculate the 2019-20 SP allocations. Throughout the document, fields taken or derived from the HESA Student record are shown in capitals.

2. The SP funding data summary should be used by staff responsible for individualised data returns at higher education providers and this document is intended to help them understand in detail how the data has been used to calculate their provider's 2019-20 SP allocations.

3. The SP funding data summary output consists of two files, where XXXXXXXX is the UK Provider Reference Number (UKPRN) for your provider:

   a. Summary workbook 'SP17_XXXXXXXX.xlsx';

   b. Individualised file 'SP17_XXXXXXXX_IND.csv'.

4. These files can be accessed from the '2017-18 Post-collection outputs' area of the Office for Students (OfS) portal. Access details will be sent to the appropriate contacts at providers.

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 2017-18 HESA Student record (https://www.hesa.ac.uk/collection/c17051) when using this document.

Changes from the 2017-18 HESA Student data checking tool

6. This section describes any changes to the algorithms since the publication of the SP funding data comparison technical document for the 2017-18 HESA Student data checking tool (DCT), available at https://www.officeforstudents.org.uk/data-and-analysis/data-checking-tools/2017-18-hesa-student-data-checking-tool/ under 'Documentation'. Any additions are shown as **bold and underlined**.

Linking to other data sources

7. We now attempt to link 2017-18 HESA Student data with any provider's Individualised Learner Record (ILR) data and schools' National Pupil Database (NPD) data from 2002-03 to 2016-17 to find more information on students' level 3 qualifications. We link to ILR and NPD data by combinations of first name(s), surname, date of birth, gender and (where available) home postcode and prior educational establishment (i.e. an equivalent data linking method to that used for the Teaching Excellence and Student Outcomes Framework (TEF)). Spelling errors and other typographical errors (e.g. in dates) are taken into account.

8. We derive SPGRADECOMB, SPTARIFF and SPENTQUAL using either information from the Continuity Register or information from the ILR and NPD data. We use the following process to determine whether or not to use the information in the Continuity Register:

a. Where QUALENT3 indicates that the student does not hold a higher education qualification, we determine the student's grade combination by comparing the value derived from information in the Continuity Register (**SPGRADECOMB_HESA**) with the value derived from the ILR and NPD data (**SPGRADECOMB_LINKED**). We use the value derived from the information in the Continuity Register if it is equal to or 'higher' than the value derived from the ILR and NPD data, otherwise we use the value derived from the ILR and NPD data.

b. Where (**SPGRADECOMB_HESA** = OTHER and **SPGRADECOMB_LINKED** = OTHER), we calculate the tariff score using information from the Continuity Register (**SPTARIFF_HESA**) and the tariff score using the ILR and NPD data (**SPTARIFF_LINKED**). We use these values to determine whether or not the student's highest qualification on entry is an International Baccalaureate. If we determine that they hold an International Baccalaureate using one source but not the other, we use that source. If we find an International Baccalaureate in both sources, we use the information in the Continuity Register.

c. Where we do not find an International Baccalaureate in either source, we use the **SPTARIFF_HESA** and **SPTARIFF_LINKED** values to determine whether or not the student's highest qualification on entry is a BTEC. If we determine that they hold a BTEC using one source but not the other, we use that source. If we find a BTEC in both sources, we use the information in the Continuity Register.

d. Where we do not find a BTEC in either source, we use both sources to determine whether or not the student's highest qualification on entry is an Access to HE Diploma. If we determine that they hold an Access to HE Diploma using one source but not the other, we use that source. If we find an Access to HE Diploma in both sources, we use the information in the Continuity Register.

e. Where we do not find an Access to HE Diploma in either source, we determine the student's tariff score (SPTARIFF) using the values of **SPTARIFF_HESA** and **SPTARIFF_LINKED**. We use the value of **SPTARIFF_HESA** if it is greater than or equal to the value of **SPTARIFF_LINKED**, otherwise we use the value of **SPTARIFF_LINKED**.

SPLINK

9. This field indicates whether or not a level 3 qualification has been found by linking the student's HESA data to ILR or NPD data.

SPLINKAGE

10. This field contains the student's age in years on 31 August 2017 and is used to assess the completeness of any information found in the ILR and NPD data.

SPGRADECOMB_HESA, SPGRADECOMB_LINKED

11. These fields contain the student's grade combination according to the Continuity Register (_HESA), and according to the ILR and NPD data (_LINKED).

SPGRADECOMB

12. This field now contains the value of either **SPGRADECOMB_HESA** or **SPGRADECOMB_LINKED**, after identifying the 'highest' value.

SPTARIFF_HESA, SPTARIFF_LINKED

13. These fields contain the student's tariff score according to the Continuity Register (_HESA), and according to the ILR and NPD data (_LINKED). They are only derived when (SPGRADECOMB = OTHER).

SPBACC_HESA, SPBACC_LINKED

14. These fields indicate whether or not the student's highest qualification on entry is an International Baccalaureate, according to the Continuity Register (_HESA), and according to the ILR and NPD data (_LINKED). They are only derived when (SPGRADECOMB = OTHER).

15. The algorithm used to derive their values is based on the algorithm previously used to determine whether (SPENTQUAL = BACC). The algorithm has been updated to align with those used by HESA to determine its UK Performance Indicators.

Definition

QUALENT3* = P and
SPGRADECOMB = OTHER and
((QUALTYPE = IE qualification with QUALGRADE ≥ 24) or
    (QUALTYPE = IB qualification with QUALGRADE = H3, H4, H5, H6, H7) or
    (**tariff points**[†] from QUALTYPE = IB, IC, IS, IX qualifications > (0.5 × SPTARIFF_X)) or
    (tariff points resulting from QUALTYPE = IB, IC, IX, IS qualifications > 6 and
        tariff points resulting from QUALTYPE = IB, IC, IX, IS qualifications ≥
        tariff points resulting from QUALTYPE = 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, D2, D4, D5, D9, DX, Y,
            DZ, EE, EF, EY, PJ, PK, PZ, Q1, Q2, Q3, Q4, Q5 qualifications)
(only QUALTYPE = IB, IC, ID, IE, IS, IX qualifications and
        ((QUALTYPE = IE qualification with 1 ≤ QUALGRADE ≤ 23) or
        tariff points[†] **> 0)))**

[†] **Total equals tariff points from QUALTYPE = IB, IS qualifications, with duplicates removed by subject, plus tariff points from best QUALTYPE = IC, IX qualifications.**

[†] When calculating SPTARIFF, tariff points from qualifications for a particular QUALSBJ where QUALTYPE = IB, IC, IX are only included when their sum is greater than the sum of tariff points from qualifications for the same QUALSBJ where QUALTYPE = A, AE.

SPBACC

16. This field indicates whether or not the student's highest qualification on entry is an International Baccalaureate. It is only derived when (SPGRADECOMB = OTHER).

SPBTEC_HESA, SPBTEC_LINKED

17. These fields indicate whether or not the student's highest qualification on entry is a BTEC, according to the Continuity Register (_HESA), and according to the ILR and NPD data (_LINKED). They are only derived when (**SPBACC** = 0).

18. The algorithm used to derive their values is based on the algorithm previously used to determine whether (SPENTQUAL = BTEC). The algorithm has been updated to align with those used by HESA to determine its UK Performance Indicators.

SPBTEC

19. This field indicates whether or not the student's highest qualification on entry is a BTEC. It is only derived when (**SPBACC** = 0).

SPACCESS_HESA, SPACCESS_LINKED

20. These fields indicate whether or not the student's highest qualification on entry is an Access to HE Diploma, according to the Continuity Register (_HESA), and according to the ILR and NPD data (_LINKED). They are only derived when (**SPBTEC** = 0).

21. Previously, QUALENT3 was the only field used to identify students whose highest qualification on entry is an Access to HE Diploma (i.e. those with SPENTQUAL = ACCESS). In addition to using QUALENT3 in the (SPENTQUAL = ACCESS) algorithm, by deriving these fields we now also take account of Access to HE Diploma QUALTYPE entries, if QUALGRADE is at least a pass grade.

SPACCESS

22. This field indicates whether or not the student's highest qualification on entry is an Access to HE Diploma. It is only derived when (**SPBTEC** = 0).

SPTARIFF

23. This field now contains the value of either **SPTARIFF_HESA** or **SPTARIFF_LINKED**, after identifying the largest value. It is only derived when (**SPACCESS** = 0).

SPL3SOURCE

24. This field indicates the source of the data on qualifications on entry used to derive SPGRADECOMB, SPBACC, SPBTEC, SPACCESS and SPTARIFF.

SPENTQUAL

25. Several changes have been made:

    a. **'L3_COMB'** – SPGRADECOMB is only derived when (SPENTQUAL ≠ HEPG, HEFD, HEOUG, FOU), so the QUALENT3 clause is no longer required.

b. **'BACC'** – algorithm for second clause has been modified and is now used to derive SPBACC. Note that (QUALENT3* = P) criterion is no longer required as 'HEPG, 'HEFD', 'HEOUG' and 'FOU' are assigned before 'BACC'.

c. **'BTEC'** – algorithm has been modified and is now used to derive SPBTEC. Note that (QUALENT3* = P) criterion is no longer required as 'HEPG, 'HEFD', 'HEOUG' and 'FOU' are assigned before 'BTEC'.

d. **'ACCESS'** – additional clause to take account of detailed information on Access to HE Diplomas in the Continuity Register or the ILR and NPD data.

e. **'OTH3_TAR'** – two additional clauses to identify students with level 3 qualifications that have not been assigned a QUALENT3 code beginning with 'P'.

Value	Definition
HEPG	QUALENT3 = DUK, DZZ, D80, M41, M44, M71, M80, M90, MUK, MZZ, H71
HEFD	QUALENT3 = M2X, H11, HUK, HZZ, JUK
HEOUG	QUALENT3 = H80, J10, J20, J30, J48, J80, C20, C30, C44, C80, C90
FOU	QUALENT3 = J49
L3_COMB	~~QUALENT3* = P (excluding P62, P63) and~~ SPGRADECOMB = ACC_BBC+, BCC_CCC
BACC	(QUALENT3 = P62, P63 or SPBACC = 1) and not above
BTEC	SPBTEC = 1 and not above
ACCESS	(QUALENT3 = X00, X01 or SPACCESS = 1) and not above
OTH3_TAR	QUALENT3 = P47, P50, P54, P64, P65, P68, P91, P93, P94 or SPLINK = 1 or SPTARQUAL = TAR) and not above
OTH3_NOTAR	QUALENT3 = P41, P42, P46, P51, P53, P80, P92 and not above
NONE	QUALENT3 = X02, X05 and not above
OTHER	QUALENT3 = Q51, Q52, Q80, R51, R52, R80, X04 and not above
UNKNOWN	Otherwise

SPHIGHQUAL

26. As students with (QUALENT3 = X04) are now (SPENTQUAL = OTHER) instead of (SPENTQUAL = UNKNOWN), we no longer treat them as having previously obtained their qualification aim, or a higher qualification aim.

SPEXCL1

27. This SPPOP exclusion flag indicates whether or not the student is excluded from the full-time successful outcomes population for reasons other than those related to their home postcode (POSTCODE) or data on their qualifications on entry.

28. The algorithm for (SPEXCL1 = 0) is the same as that used to determine (SPPOP = 1) in the output for the 2017-18 HESA Student DCT, except that the (SPEXCLPC = N) criterion has been removed.

SPEXCL2

29. This SPPOP exclusion flag indicates whether or not the student's home postcode (POSTCODE) is excluded from the mapping to 2011 Middle Layer Super Output Areas (MSOA) in England and Wales, 2001 Super Output Areas (SOA) in Northern Ireland, 2001 Intermediate Zones in Scotland, or 2001 Census Area Statistics (CAS) wards (for mature students). It replaces SPEXCLPC.

30. The description of SPEXCLPC in the technical document for the 2017-18 HESA Student DCT does not mention SOAs or Intermediate Zones, even though they are included in the mapping to allow quintiles to be assigned to students domiciled in Scotland and Northern Ireland. In addition, contrary to what is stated in the DCT technical document, the Office for National Statistics Postcode Directory (ONSPD) was used for the mapping, not the National Statistics Postcode Lookup.

SPEXCL4

31. This SPPOP exclusion flag indicates that the student is recorded as having an 'Other qualification at level 3' (QUALENT3 = P80), but has no data in the Continuity Register, and no level 3 qualifications in the ILR and NPD data. It replaces the (SPPOP = 0) algorithm shown in the second row of the definitions table for SPPOP in the 2017-18 HESA Student DCT technical document, and uses SPLINK to identify students with no level 3 qualifications in the ILR and NPD data.

Definition
QUALENT3 = P80 and
SPTARQUAL = ~~NOTAR,~~ EMPTY and
SPLINK ≠ 1

SPEXCL8

32. This SPPOP exclusion flag indicates that we expect the ILR and/or NPD data used to determine the student's highest qualification on entry group (SPENTQUAL) and tariff score (SPTARIFF) to be incomplete, because the student was at least 33 years old on 31 August 2017 and we can only link to data from 2002-03 onwards.

SPEXCL16

33. This SPPOP exclusion flag indicates that the student has at least one qualification in the Continuity Register where the grade has not been recorded. It replaces the (SPPOP = 0) algorithm shown in the third row of the definitions table for SPPOP in the 2017-18 HESA Student DCT technical document, and we use SPL3SOURCE to ensure that it is only applied to students where the Continuity Register has the most complete information on their qualifications on entry.

Definition
~~SPL3SOURCE = HESA and~~
SPENTQUAL = OTH3_TAR, OTH3_NOTAR and
(QUALTYPEXX ≠ BLANK and QUALGRADEXX = BLANK)

SPEXCL

34. The value of this field can be used to determine the value of each of the SPPOP exclusion flags (SPEXCL1-16).

SPPOP

35. Inclusion in the full-time successful outcomes population is now determined by the values of SPEXCL1-16.

36. Students are no longer excluded by the algorithm in the fourth row of the definitions table for SPPOP in the 2017-18 HESA Student DCT technical document ("certain mature UCAS entrants with zero tariff points").

SPEXCLPOP

37. This field indicates whether or not the student is excluded from the full-time successful outcomes population for one or more reasons related to data on their qualifications on entry.

SPGRP

38. Tariff score threshold values have been adjusted so that they match those used by HESA to determine its UK Performance Indicators.

39. Previously, the algorithms for (SPGRP = Y_F_M, M_F_M, Y_O_H, M_O_H) had clauses to ensure that any UCAS entrants (UCASAPPID ≠ BLANK, 000000000) with (SPENTQUAL = OTH3_TAR) but no data in the Continuity Register were assigned to an 'unknown risk' group (although mature students in this category were excluded from the population). For most of these students, we can find information on their level 3 qualifications by linking to ILR and NPD data, so the clauses that use UCASAPPID are no longer required.

Value	Definition
Y_F_L	SPUGLEVEL = FIRST and SPENTRYAGE < 21 and ((SPENTQUAL = OTH3_TAR, OTH3_NOTAR and SPTARIFF ≥ 116) or SPENTQUAL = HEPG, HEOUG, HEFD, L3_COMB, BACC)
Y_F_M	SPUGLEVEL = FIRST and SPENTRYAGE < 21 and ((SPENTQUAL = OTH3_TAR, OTH3_NOTAR and (41 ≤ SPTARIFF ≤ 115 or (SPTARIFF = 0 ~~and~~ ~~(SPTARQUAL = TAR, NOTAR or~~ ~~(SPTARQUAL = EMPTY and~~ ~~UCASAPPID = BLANK, 000000000)~~)))) or ~~(SPENTQUAL = OTH3_NOTAR and SPTARIFF = 0 and~~ ~~SPTARQUAL = EMPTY and UCASAPPID ≠ BLANK, 000000000) or~~ SPENTQUAL = FOU) and not above
M_F_L	SPUGLEVEL = FIRST and SPENTRYAGE ≥ 21 and ((SPENTQUAL = L3_COMB and SPGRADECOMB = ACC_BBC+) or (SPENTQUAL = OTH3_TAR, OTH3_NOTAR and SPTARIFF ≥ 106) or SPENTQUAL = HEPG, HEOUG, HEFD)
M_F_M	SPUGLEVEL = FIRST and SPENTRYAGE ≥ 21 and ((SPENTQUAL = L3_COMB and SPGRADECOMB = BCC_CCC) or (SPENTQUAL = OTH3_TAR, OTH3_NOTAR and ~~SPTARIFF ≤ 105) or~~ ~~(1 ≤ SPTARIFF ≤ 104 or~~ ~~(SPTARIFF = 0 and~~ ~~(SPTARQUAL = TAR, NOTAR or~~ ~~(SPTARQUAL = EMPTY and~~ ~~UCASAPPID = BLANK, 000000000)))))~~ or SPENTQUAL = BACC, ACCESS, FOU ~~or~~ ~~(SPENTQUAL = OTH3_NOTAR and SPTARIFF = 0 and~~ ~~SPTARQUAL = EMPTY and UCASAPPID ≠ BLANK, 000000000)~~ and not above

Value	Definition
Y_O_L	SPUGLEVEL = OUG and SPENTRYAGE < 21 and ((SPENTQUAL = OTH3_TAR, OTH3_NOTAR and SPTARIFF ≥ 116) or 　　　SPENTQUAL = HEPG, HEOUG, HEFD, L3_COMB)
Y_O_M	SPUGLEVEL = OUG and SPENTRYAGE < 21 and ((SPENTQUAL = OTH3_TAR, OTH3_NOTAR and 66 ≤ SPTARIFF ≤ 115) or 　　　SPENTQUAL = BACC, FOU, ACCESS) and not above
Y_O_H	SPUGLEVEL = OUG and SPENTRYAGE < 21 and ((SPENTQUAL = OTH3_TAR, OTH3_NOTAR and ~~SPTARIFF ≤ 65) or~~ 　　　~~(1 ≤ SPTARIFF ≤ 64 or~~ 　　　~~(SPTARIFF = 0 and~~ 　　　　　~~(SPTARQUAL = TAR, NOTAR or~~ 　　　　　~~(SPTARQUAL = EMPTY and~~ 　　　　　　　~~UCASAPPID = BLANK, 000000000))))) or~~ SPENTQUAL = BTEC, OTHER, NONE ~~or~~ ~~(SPENTQUAL = OTH3_NOTAR and SPTARIFF = 0 and~~ 　　　~~SPTARQUAL = EMPTY and UCASAPPID ≠ BLANK, 000000000))~~ 　　　and not above
M_O_L	SPUGLEVEL = OUG and SPENTRYAGE ≥ 21 and ((SPENTQUAL = OTH3_TAR, OTH3_NOTAR and SPTARIFF ≥ 66) or 　　　SPENTQUAL = HEPG, HEOUG, HEFD, L3_COMB, ACCESS)
M_O_M	SPUGLEVEL = OUG and SPENTRYAGE ≥ 21 and ((SPENTQUAL = OTH3_TAR, OTH3_NOTAR and 1 ≤ SPTARIFF ≤ 65) or 　　　SPENTQUAL = FOU) and not above
M_O_H	SPUGLEVEL = OUG and SPENTRYAGE ≥ 21 and (SPENTQUAL = BACC, BTEC, OTHER, NONE or 　　　(SPENTQUAL = OTH3_TAR, OTH3_NOTAR and SPTARIFF = 0 ~~and~~ 　　　　　~~(SPTARQUAL = TAR, NOTAR or~~ 　　　　　~~(SPTARQUAL = EMPTY and UCASAPPID = BLANK, 000000000))) or~~ 　　　~~(SPENTQUAL = OTH3_NOTAR and SPTARIFF = 0 and~~ 　　　　　~~SPTARQUAL = EMPTY and UCASAPPID ≠ BLANK, 000000000))~~ 　　　and not above

'Student premium funding data summary' workbook

40. The worksheets in the workbook are listed in Table 1.

Table 1: Worksheets in the 'student premium funding data summary' workbook

Name	Description
Coversheet	This displays the run number, the date on which the workbook was created, the provider's legal name, and the provider's UKPRN.
SP	This shows how the individual allocations are calculated using headcounts, FTEs, the London weighting and funding rates.
Rebuild_information	This contains instructions on how to rebuild headcounts using the individualised file.

'Student premium funding data summary' individualised file

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

42. The '2017-18 Post-collection outputs: Student premium method document' (https://www.officeforstudents.org.uk/data-and-analysis/post-collection-outputs/hesa-student-post-collection-outputs/ under '2017-18 HESA student data' and 'Documentation') describes the methods used to calculate the 2019-20 SP allocations and provides instructions for rebuilding key figures in the workbook from the individualised file.

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

Table 2: HESA Student fields used in the 'student premium funding data summary' output

Entity	Field	Description	Column in individualised file
Course	COURSEAIM	General qualification aim of course	Q
Course	COURSEID†	Course identifier	E
Course	REGBODY1-2	Regulatory body for health and social care students	AJ-AK
Course	TTCID	Teacher training course	BH
Entry profile	DOMICILE	Country of domicile prior to entry	T
Entry profile	POSTCODE	Postcode prior to entry	AG
Entry profile	QUALENT3	Highest qualification on entry	AH
Entry profile	UCASAPPID	UCAS application number	BI
Instance	CAMPID†	Campus identifier	F
Instance	COMDATE	Start date of instance	P
Instance	DISALL	Disabled Students' Allowance	S
Instance	INSTCAMP†	Provider's own campus identifier	G
Instance	INTERCALATE	Intercalation	AD
Instance	MODE	Mode of study	AF
Instance	NUMHUS†	Student instance identifier	C
Instance	RCSTDNT	Research council student	AI
Instance	YEARPRG	Year of course	BJ
Institution	UKPRN	UK Provider Reference Number	A
Qualifications on entry	QUALGRADE01-30	Qualification grade	BL-EU
Qualifications on entry	QUALSBJ01-30	Qualification subject	BM-EV
Qualifications on entry	QUALTYPE01-30	Qualification type	BK-ET
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
Derived field	XTPOINTS	UCAS tariff point aggregation	Not shown

† These fields are not used in the calculation but are included in the individualised file so that students can be easily identified.

Description of derived fields

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

Table 3: 'Student premium funding data summary' derived fields

Field name	Description	Paragraph	Column in individualised file	SP area(s) used in‡
HESCOMP†	HESES completion of year of instance indicator	39	U	Dis/FTSP
HESCRSELGTH†	Expected length of the course in years	38	V	Dis
HESESFTE†	FTE for the year of instance	50	W	Dis
HESEXCL†	Reason for exclusion from the HESES population	83	X	Dis/FTSP
HESLEVEL†	Level of study	34	Y	Dis/FTSP
HESMODE†	Mode of study	33	Z	Dis/FTSP
HESTYPE†	Fundability status	37	AA	Dis/FTSP
HESYRZERO†	Indicates the year in which the student last took a foundation year	63	AB	Dis
HESYRZEROADJ†	Indicates whether the student has taken a foundation year	64	AC	Dis
LENGTH†	Indicates whether the student is on a standard or long year of instance	36	AE	Dis
SPACCESS (SPACCESS_HESA, SPACCESS_LINKED)	Indicates whether student's highest qualification on entry is an Access to HE Diploma	73	Not shown	FTSP
SPBACC (SPBACC_HESA, SPBACC_LINKED)	Indicates whether student's highest qualification on entry is an International Baccalaureate	69	Not shown	FTSP
SPBTEC (SPBTEC_HESA, SPBTEC_LINKED)	Indicates whether student's highest qualification on entry is a BTEC	71	Not shown	FTSP
SPDISPOP	Inclusion in the disabled students' premium population	53	I	Dis
SPDSAALLOC	In receipt of Disabled Students' Allowance (DSA)	54	J	Dis

Field name	Description	Paragraph	Column in individualised file	SP area(s) used in‡
SPENTQUAL	Grouping of the student's highest qualification on entry	77	Not shown	FTSP
SPENTRYAGE	Student's age on commencement of instance	61	AL	FTSP
SPEXCL	Reason(s) for exclusion from the full-time successful outcomes population	85	AM	FTSP
SPEXCL1	Indicates exclusion for reasons not related to postcode or qualifications on entry	80	AN	FTSP
SPEXCL2	Indicates that postcode is excluded from mapping	81	AO	FTSP
SPEXCL4, SPEXCL8, SPEXCL16	Indicate exclusion for reason related to qualifications on entry	82, 83, 84	AP-AR	FTSP
SPEXCLPOP	Indicates exclusion for one or more reasons related to qualifications on entry	88	AS	FTSP
SPGRADECOMB (SPGRADECOMB_HESA, SPGRADECOMB_LINKED)	Categorises students with A levels, Scottish Highers or Scottish Advanced Highers on entry according to the highest grades for these qualification types	66	AT (only _HESA shown)	FTSP
SPGRP	Entry qualification risk group	89	L	FTSP
SPHIGHQUAL	Identifies students who have previously obtained their qualification aim, or a higher qualification aim	79	AU	FTSP
SPINTERCAL	Indicates the year in which the student last took an intercalated degree	47	AV	Dis
SPINTERCALADJ	Indicates whether the student has taken an intercalated degree	48	AW	Dis

Field name	Description	Paragraph	Column in individualised file	SP area(s) used in‡
SPL3SOURCE	Indicates source of data used to derive fields related to qualifications on entry	76	AX	FTSP
SPLINK	Indicates whether level 3 qualification found by linking	59	AY	FTSP
SPLINKAGE	Student's age on 31 August 2017	60	AZ	FTSP
SPNHS	NHS Bursary group	49	BA	Dis
SPOUDSA	DSA eligibility status for Open University students	52	BB	Dis
SPPGDSA	DSA eligibility status for postgraduates	51	BC	Dis
SPPOP	Identifies students in the full-time successful outcomes population	87	M	FTSP
SPQUIN	Participation or qualification quintile of student in full-time successful outcomes population	92	N	FTSP
SPSDALLOC	Self-declared disability, not in receipt of DSA	55	K	Dis
SPTARIFF (SPTARIFF_HESA, SPTARIFF_LINKED)	Tariff score	74	BD (only _HESA shown)	FTSP
SPTARQUAL	Tariff-bearing qualifications on entry indicator	75	BE	FTSP
SPUGDSA	DSA eligibility status for undergraduates	50	BF	Dis
SPUGLEVEL	Indicates whether student is aiming for a first degree	78	BG	FTSP
STUBID †	Unique countable year of instance identifier	24	H	Dis/FTSP

† The algorithms for deriving these fields are given in the 'HESES17 comparison technical document'; the paragraph references refer to this document. STUBID is not used in the calculation but is included in the individualised file so that years of instance can be easily identified.

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

Linking to other data sources

45. We link 2017-18 HESA Student data with any provider's Individualised Learner Record (ILR) data and schools' National Pupil Database (NPD) data from 2002-03 to 2016-17 to find more information on students' level 3 qualifications. We link by combinations of first name(s), surname, date of birth, gender and (where available) home postcode and prior educational establishment (i.e. an equivalent data linking method to that used for the Teaching Excellence and Student Outcomes Framework (TEF)). Spelling errors and other typographical errors (e.g. in dates) are taken into account.

46. We derive SPGRADECOMB, SPBACC, SPBTEC, SPACCESS, SPTARIFF and SPENTQUAL using either information from the Continuity Register or information from the ILR and NPD data. For data protection reasons these fields and others used to derive them (SPGRADECOMB_LINKED, SPBACC_HESA, SPBACC_LINKED, SPBTEC_HESA, SPBTEC_LINKED, SPACCESS_HESA, SPACCESS_LINKED, SPTARIFF_LINKED) are not displayed in the individualised file (SP17_XXXXXXXX_IND.csv).

Disabled students' premium

SPINTERCAL

47. 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

48. 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

49. This field identifies the two different groups of students on courses or years of courses which are eligible for an NHS Bursary in 2017-18.

Value	Description	Definition
NHS1	Course with NHS Bursary: non-medical or dental students	(COURSEAIM = H16, H62, I16, J26, M16, M26, M86 and ((((HESLEVEL = UG and COMDATE < 1 August 2017) or HESLEVEL ≠ UG) and ((REGBODY1 = 06, 42, 44, 52, 55, 61, 62, 63, 64, 65 or REGBODY2 = 06, 42, 44, 52, 55, 61, 62, 63, 64, 65) or ((REGBODY1 = 46, 47, 48, 50, 56, 57 or REGBODY2 = 46, 47, 48, 50, 56, 57) and HESTYPE = HOMENF))) or ((REGBODY1 = 36, 37 or REGBODY2 = 36, 37) and HESTYPE = HOMENF))) or (UKPRN = 10007791 and COURSEAIM = J16 and (REGBODY1 = 37 or REGBODY2 = 37) and HESTYPE = HOMENF)
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 + HESYRZEROADJ + SPINTERCALADJ) > 4) or (HESCRSELGTH = 3, 4 and (YEARPRG + HESYRZEROADJ + SPINTERCALADJ) = 2, 3, 4))
OTHER	Otherwise	Otherwise

SPUGDSA

50. This 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
		COURSEAIM ≠ H90, I90, J90, C90 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

51. This 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
		COURSEAIM ≠ D90, E90, L90, M90 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

52. This 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
		RCSTDNT = 99, BLANK 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

53. This 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

54. This field indicates whether the student is in receipt of DSA.

Value	Description	Definition
1	In receipt of DSA	SPDISPOP = 1 and DISALL = 4
0	Otherwise	Otherwise

SPSDALLOC

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

Value	Description	Definition
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

56. The qualification type (QUALTYPE) of each of the student's qualifications on entry[1] from the Continuity Register.

QUALSBJ01-30

57. The qualification subject (QUALSBJ) of each of the student's qualifications on entry[1] from the Continuity Register.

QUALGRADE01-30

58. The qualification grade (QUALGRADE) of each of the student's qualifications on entry[1] from the Continuity Register.

SPLINK

59. This field indicates whether a level 3 qualification for the student has been found by linking to ILR or NPD data. It is only calculated when (QUALENT3 ≠ DUK, DZZ, D80, M41, M44, M71, M80, M90, MUK, MZZ, H71, M2X, H11, HUK, HZZ, JUK, H80, J10, J20, J30, J48, J80, C20, C30, C44, C80, C90, J49).

Value	Description	Definition
1	Level 3 qualification found	Student has been linked to at least one other data source
0	No level 3 qualifications found	Otherwise

SPLINKAGE

60. This field indicates the student's age in years on 31 August 2017. This is the number of full years between BIRTHDTE and 31 August 2017. Where BIRTHDTE is missing, SPLINKAGE will be set to zero.

SPENTRYAGE

61. This field contains the student's age at the commencement of the instance. This is the number of full years between BIRTHDTE and COMDATE. Where BIRTHDTE or COMDATE are missing, SPENTRYAGE will be set to zero.

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[1] For space reasons, only 30 occurrences are included in the individualised file. All occurrences are considered in our algorithms.

SPGRADECOMB_HESA, SPGRADECOMB_LINKED

62. The SPGRADECOMB_HESA field uses data in the Continuity Register to categorise students with A-levels, Scottish Highers or Scottish Advanced Highers on entry (QUALTYPE = A, RE, RN, RW, DA, D1, V, V2, 9U, AN, H, AH) into groups according to their highest grades for these qualification types. The SPGRADECOMB_LINKED field uses ILR and/or NPD data to categorise students with A-levels on entry (QUALTYPE = A, RE, RN, RW, DA, D1, V, V2, 9U, AN) into groups according to their highest grades for these qualification types. Both fields are only calculated when (QUALENT3 ≠ DUK, DZZ, D80, M41, M44, M71, M80, M90, MUK, MZZ, H71, M2X, H11, HUK, HZZ, JUK, H80, J10, J20, J30, J48, J80, C20, C30, C44, C80, C90, J49).

63. Where qualifications for the student are in identical subjects (QUALSBJ), we identify the qualification type (QUALTYPE) which results in the most tariff points and discard duplicates with fewer tariff points. The exception to this is for students with Scottish Highers (QUALTYPE = H). If such a student also has an Advanced Higher (QUALTYPE = AH) in the same subject area, de-duplication could result in the student being assigned to the wrong grade combination category, as it would usually retain the Advanced Higher in preference to the Higher, even if the Advanced Higher has a lower grade. To overcome this, we look at students' Scottish Highers separately to see if they qualify for a particular grade combination category, regardless of their Advanced Highers.

64. Before QUALGRADE entries are processed, hashes and lower case letters are removed. These characters do not affect the assignment of tariff points and can therefore be disregarded when deriving grade combinations (for example QUALGRADE = Ad becomes A, A#B# becomes AB). For the same reason, numbers and asterisks are stripped from QUALGRADE entries for Scottish Advanced Highers and Scottish Highers (QUALTYPE = AH, H), and 'NC' and 'P' are stripped from QUALGRADE entries (where QUALGRADE = A*NC, A*P, ANC, AP, BNC, BP, CNC, CP, DNC, DP, ENC, EP) for reformed English A-levels (QUALTYPE = RE). Scottish Highers (QUALTYPE = H) where (QUALGRADE = P) are converted to (QUALGRADE = C).

65. Where a double award has been taken (QUALTYPE = DA, D1, V2), each of the two grades is treated separately (i.e. QUALTYPE = A, V). For example, if QUALTYPE = DA and QUALGRADE = 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 (QUALTYPE = 9U, AN), each of the two grades is treated separately as an A-level and AS-level respectively. For example, if QUALTYPE = AN and QUALGRADE = 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 three QUALTYPE = A, RE, RN, RW, V qualifications in distinct subjects (except when derived from double awards), for which the three highest QUALGRADE entries are: (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)
SPGRADECOMB_HESA only: ACC_BBC+	Student's highest Scottish Advanced Higher grades are at least ACC or BBC	Student has at least three QUALTYPE = AH qualifications in distinct subjects, for which the three highest QUALGRADE entries are: (A, A, A); (A, A, B); (A, A, C); (A, B, B); (A, B, C); (B, B, B); (A, C, C); (B, B, C)
SPGRADECOMB_HESA only: ACC_BBC+	Student's highest Scottish Higher grades are at least AACCC or ABCCC or BBBBC or BBBCC	Student has at least five QUALTYPE = H qualifications in distinct subjects, for which the five highest QUALGRADE entries are: (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)
BCC_CCC	Student's highest A-level grades are BCC or CCC	Student has at least three QUALTYPE = A, RE, RN, RW, V qualifications in distinct subjects (except when derived from double awards), for which the three highest QUALGRADE entries are: (B, C, C); (C, C, C)
SPGRADECOMB_HESA only: BCC_CCC	Student's highest Scottish Advanced Higher grades are BCC or CCC	Student has at least three QUALTYPE = AH qualifications in distinct subjects, for which the three highest QUALGRADE entries are: (B, C, C); (C, C, C)
SPGRADECOMB_HESA only: BCC_CCC	Student's highest Scottish Higher grades are ACCCC or BBCCC or BCCCC or CCCCC	Student has at least five QUALTYPE = H qualifications in distinct subjects, for which the five highest QUALGRADE entries are: (A,C,C,C,C); (B,B,C,C,C); (B,C,C,C,C); (C,C,C,C,C)
OTHER	Otherwise	Otherwise

SPGRADECOMB

66. This field contains the value of either SPGRADECOMB_HESA or SPGRADECOMB_LINKED.

Value	Definition
= SPGRADECOMB_HESA	(SPGRADECOMB_HESA = ACC_BBC+ and SPGRADECOMB_LINKED = ACC_BBC+, BCC_CCC, OTHER) or (SPGRADECOMB_HESA = BCC_CCC and SPGRADECOMB_LINKED = BCC_CCC, OTHER)
= SPGRADECOMB_LINKED	(SPGRADECOMB_LINKED = ACC_BBC+ and SPGRADECOMB_HESA = BCC_CCC, OTHER) or (SPGRADECOMB_LINKED = BCC_CCC and SPGRADECOMB_HESA = OTHER)
OTHER	SPGRADECOMB_HESA = OTHER and SPGRADECOMB_LINKED = OTHER

SPTARIFF_HESA, SPTARIFF_LINKED

67. These fields contain the tariff score for the student and are calculated using the method that is used to calculate the HESA Student derived field XTPOINTS for 2017-18. SPTARIFF_HESA is calculated using data from the Continuity Register. SPTARIFF_LINKED is calculated using ILR and/or NPD data. They are only calculated when (SPGRADECOMB = OTHER). The full specification for XTPOINTS in 2017-18 can be found on HESA's website at: https://www.hesa.ac.uk/collection/c17051/derived/contents.

SPBACC_HESA, SPBACC_LINKED

68. These fields indicate whether the student's highest qualification on entry is an International Baccalaureate. SPBACC_HESA is calculated using data from the Continuity Register. SPBACC_LINKED is calculated using ILR and/or NPD data. They are only calculated when (SPGRADECOMB = OTHER).

Value	Description	Definition
1	International Baccalaureate	SPGRADECOMB = OTHER and ((QUALTYPE = IE qualification with QUALGRADE ≥ 24) or (tariff points[†] from QUALTYPE = IB, IC, IS, IX qualifications > (0.5 × SPTARIFF_X*)) or (only QUALTYPE = IB, IC, ID, IE, IS, IX qualifications and ((QUALTYPE = IE qualification with 1 ≤ QUALGRADE ≤ 23) or tariff points[†] > 0)))
BLANK	Otherwise	Otherwise

[†] Total equals tariff points from QUALTYPE = IB, IS qualifications, with duplicates removed by subject, plus tariff points from best QUALTYPE = IC, IX qualifications.
* SPTARIFF_X is equal to SPTARIFF_HESA for SPBACC_HESA, and is equal to SPTARIFF_LINKED for SPBACC_LINKED.

SPBACC

69. This field contains the value of either SPBACC_HESA or SPBACC_LINKED.

Value	Description	Definition
1	International Baccalaureate	SPBACC_HESA = 1 or SPBACC_LINKED = 1
0	Not an International Baccalaureate	SPGRADECOMB = OTHER and not above
BLANK	Not calculated	SPGRADECOMB ≠ OTHER

SPBTEC_HESA, SPBTEC_LINKED

70. These fields indicate whether the student's highest qualification on entry is a BTEC. SPBTEC_HESA is calculated using data from the Continuity Register. SPBTEC_LINKED is calculated using ILR and/or NPD data. They are only calculated when (SPBACC = 0).

Value	Description	Definition
1	BTEC	SPBACC = 0 and ((tariff points from QUALTYPE = 0A, 0B, 1A, 1B, 1C, 2B, 2C, 3B, 3C, 4B, 4C, 5B, 5C, 6B, 6C, 7B, 7C, 8B, 8C, 9B, 9C, B, B0, B1, B2, B3, B4, B5, B6, B7, BA, BB, BC, BD, BE, BF, BI, BQ, BR, BT, BU, BV, BW, BX, BY, BZ, D2, D4, D5, D9, DX, DY, DZ, EE, EF, EY, PJ, PK, PZ, Q1, Q2, Q3, Q4, Q5 ≥ 48) or (only QUALTYPE = 0A, 0B, 1A, 1B, 1C, 2B, 2C, 3B, 3C, 4B, 4C, 5B, 5C, 6B, 6C, 7B, 7C, 8B, 8C, 9B, 9C, B, B0, B1, B2, B3, B4, B5, B6, B7, BA, BB, BC, BD, BE, BF, BI, BQ, BR, BT, BU, BV, BW, BX, BY, BZ, D2, D4, D5, D9, DX, DY, DZ, EE, EF, EY, PJ, PK, PZ, Q1, Q2, Q3, Q4, Q5 qualifications and SPTARIFF_X* > 0))
BLANK	Otherwise	Otherwise

* SPTARIFF_X is equal to SPTARIFF_HESA for SPBTEC_HESA, and is equal to SPTARIFF_LINKED for SPBTEC_LINKED.

SPBTEC

71. This field contains the value of either SPBTEC_HESA or SPBTEC_LINKED.

Value	Description	Definition
1	BTEC	SPBTEC_HESA = 1 or SPBTEC_LINKED = 1
0	Not a BTEC	SPBACC = 0 and not above
BLANK	Not calculated	SPBACC ≠ 0

SPACCESS_HESA, SPACCESS_LINKED

72. These fields indicate whether the student's highest qualification on entry is an Access to HE Diploma. SPACCESS_HESA is calculated using data from the Continuity Register. SPACCESS_LINKED is calculated using ILR and/or NPD data. They are only calculated when (SPBTEC = 0).

Value	Description	Definition
1	Access to HE Diploma	SPBTEC = 0 and (at least one QUALTYPE = LD, Y1, Y2, Y3, Y4, Y5, Y6, Y7, Y8, Y9, YA, YB, YC, YD, YF qualification where QUALGRADE is at least a pass grade)
BLANK	Otherwise	Otherwise

SPACCESS

73. This field contains the value of either SPACCESS_HESA or SPACCESS_LINKED.

Value	Description	Definition
1	Access to HE Diploma	SPACCESS_HESA = 1 or SPACCESS_LINKED = 1
0	Not an Access to HE Diploma	SPBTEC = 0 and not above
BLANK	Not calculated	SPBTEC ≠ 0

SPTARIFF

74. This field contains the value of either SPTARIFF_HESA or SPTARIFF_LINKED. It is only calculated when (SPACCESS = 0).

Value	Definition
= SPTARIFF_HESA	SPACCESS = 0 and (SPTARIFF_HESA ≥ SPTARIFF_LINKED)
= SPTARIFF_LINKED	SPACCESS = 0 and (SPTARIFF_LINKED > SPTARIFF_HESA)
BLANK	SPACCESS ≠ 0

SPTARQUAL

75. This field indicates whether the student has any qualifications in the Continuity Register which could contribute to the tariff calculation.

Value	Description	Definition
TAR	Student has at least one qualification type in the Continuity Register which could contribute to the tariff calculation	At least one QUALTYPEXX is in the following list: 0A, 0B, 1A, 1B, 1C, 1D, 1E, 1F, 1G, 1H, 1J, 1K, 1L, 1M, 1N, 1P, 1Q, 1R, 1S, 1T, 1U, 1V, 1W, 1X, 1Y, 1Z, 2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2I, 2J, 2K, 2L, 2M, 2N, 2P, 2Q, 2R, 2S, 2T, 2U, 2V, 2W, 2X, 2Y, 2Z, 3A, 3B, 3C, 3D, 3E, 3F, 3G, 3H, 3I, 3J, 3K, 3L, 3M, 3N, 3P, 3Q, 3R, 3S, 3T, 3U, 3V, 3W, 3X, 3Y, 3Z, 4A, 4B, 4C, 4D, 4E, 4F, 4G, 4H, 4I, 4J, 4K, 4L, 4M, 4N, 4P, 4Q, 4R, 4S, 4T, 5B, 5C, 5D, 5E, 5F, 5G, 5H, 5I, 5J, 5K,

Value	Description	Definition
		5L, 5M, 5N, 5P, 5Q, 5R, 5S, 5T, 5U, 5V, 5W, 6B, 6C, 6G, 6H, 6I, 6J, 6K, 6L, 6M, 6N, 6P, 6Q, 6R, 6S, 6T, 7B, 7C, 7M, 8B, 8C, 8M, 9B, 9C, 9E, 9F, 9G, 9H, 9K, 9L, 9M, 9N, 9U, 9V, 9W, 9X, 9Y, A, A1, A3, A4, A5, A6, A7, A8, A9, AD, AE, AF, AG, AH, AJ, AK, AL, AM, AN, AP, AR, AS, AT, AU, AW, AY, AZ, B, B0, B1, B2, B3, B4, B5, B6, B7, BA, BB, BC, BD, BE, BF, BI, BQ, BR, BT, BU, BV, BW, BX, BY, BZ, C1, C2, C3, C4, C5, C6, C7, C8, C9, CB, CC, CD, CE, CF, CH, CJ, CK, CL, CM, CN, CO, CP, CR, CT, CU, CV, CW, CX, CY, CZ, D1, D2, D4, D5, D6, D7, D8, D9, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, E5, E6, E7, E8, E9, EA, EC, EE, EF, EG, EH, EI, EJ, EK, EP, EQ, EV, EY, FA, FD, FM, FR, FS, FT, FY, G6, G7, G8, H, HC, HD, HK, HL, IB, IC, ID, IE, IH, IJ, IL, IM, IN, IO, IS, IX, IY, IZ, J1, J2, J3, J4, J5, J6, J7, J8, J9, JA, JB, JC, JD, JE, JF, JG, JH, JJ, JK, JL, JM, JN, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, K3, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, L1, L2, L3, L4, L5, L6, L7, L8, L9, LA, LB, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, M1, M2, M3, M4, M6, M7, M8, MC, MD, ME, MQ, MR, MV, MW, MX, MY, MZ, N0, N1, N2, N3, N4, N5, N6, N8, N9, NA, NB, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NN, NP, NQ, NR, NS, NV, NW, NX, NY, NZ, O1, O2, O3, O4, O5, O6, O7, O8, O9, OA, OB, OC, OD, OE, OT, P0, P1, P2, P3, P4, P5, PB, PC, PD, PI, PJ, PL, PP, PR, PZ, Q1, Q2, Q3, Q4, Q5, R1, R2, R3, R4, R5, RE, RN, RP, RQ, RR, RS, RT, RU, RV, RW, S1, S2, S3, SI, SX, SY, SZ, T1, T2, T3, T4, TA, TZ, U1, U2, U3, U4, U5, U6, U7, U8, U9, UA, UB, UC, UE, UF, UG, UK, UL, UM, UN, UP, UQ, UR, US, UT, UU, UV, UW, UX, UY, UZ, V, V1, V2, V3, V4, V5, V6, V7, V8, V9, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VP, VQ, VR, VS, VT, VU, VV, VW, VX, VY, VZ, W3, WB, WE, WF, WJ, WK, WL, WM, WN, WP, WQ, WS, WT, WV, WW, WX, WY, X3, Y1, Y2, Y3, Y4, Y5, Y6, Y7, Y8, YA, YB, YC, YD, YE, YK, YL
NOTAR	None of the student's qualification types in the Continuity Register could contribute to the tariff calculation	QUALTYPE01 ≠ BLANK and not above
EMPTY	Student has nothing in the Continuity Register	Otherwise

SPL3SOURCE

76. This field indicates the source of the data on qualifications on entry used to derive SPGRADECOMB, SPBACC, SPBTEC, SPACCESS and SPTARIFF.

Value	Description	Definition

HESA	Continuity Register data	(SPGRADECOMB_HESA = ACC_BBC+ and
		        SPGRADECOMB_LINKED = ACC_BBC+, BCC_CCC, OTHER) or
		(SPGRADECOMB_HESA = BCC_CCC and
		        SPGRADECOMB_LINKED = BCC_CCC, OTHER) or
		SPBACC_HESA = 1 or
		SPBTEC_HESA = 1 or
		SPACCESS_HESA = 1 or
		(SPTARIFF = SPTARIFF_HESA and SPTARIFF ≠ 0) or
		(SPTARIFF = 0 and (SPTARQUAL ≠ EMPTY or (SPTARQUAL = EMPTY and SPLINK ≠ 1)))

ILRNPD	ILR and/or NPD data	(SPGRADECOMB_LINKED = ACC_BBC+ and
		        SPGRADECOMB_HESA = BCC_CCC, OTHER) or
		(SPGRADECOMB_LINKED = BCC_CCC and
		        SPGRADECOMB_HESA = OTHER) or
		(SPBACC_LINKED = 1 and SPBACC_HESA ≠ 1) or
		(SPBTEC_LINKED = 1 and SPBTEC_HESA ≠ 1) or
		(SPACCESS_LINKED = 1 and SPACCESS_HESA ≠ 1) or
		(SPTARIFF = SPTARIFF_LINKED and SPTARIFF ≠ SPTARIFF_HESA) or
		(SPTARIFF = 0 and SPTARQUAL = EMPTY and SPLINK = 1)

HESA	Student has a higher education qualification	QUALENT3 = DUK, DZZ, D80, M41, M44, M71, M80, M90, MUK, MZZ, H71, M2X, H11, HUK, HZZ, JUK, H80, J10, J20, J30, J48, J80, C20, C30, C44, C80, C90, J49

SPENTQUAL

77. This field contains the grouping of the student's highest qualification on entry.

Value	Description	Definition
HEPG	HE: Postgraduate	QUALENT3 = DUK, DZZ, D80, M41, M44, M71, M80, M90, MUK, MZZ, H71
HEFD	HE: First degree	QUALENT3 = M2X, H11, HUK, HZZ, JUK
HEOUG	HE: Other undergraduate	QUALENT3 = H80, J10, J20, J30, J48, J80, C20, C30, C44, C80, C90
FOU	Foundation course	QUALENT3 = J49
L3_COMB	Combination of A-levels, or combination of Scottish Advanced Highers, or combination of Scottish Highers	SPGRADECOMB = ACC_BBC+, BCC_CCC
BACC	International Baccalaureate	(QUALENT3 = P62, P63 or SPBACC = 1) and not above
BTEC	BTEC	SPBTEC = 1 and not above
ACCESS	Access course	(QUALENT3 = X00, X01 or SPACCESS = 1) and not above

Value	Description	Definition
OTH3_TAR	Other level 3 qualifications (generally expected to attract tariff points)	QUALENT3 = P47, P50, P54, P64, P65, P68, P91, P93, P94 or SPLINK = 1 or SPTARQUAL = TAR) and not above
OTH3_NOTAR	Other level 3 qualifications (may not attract tariff points)	QUALENT3 = P41, P42, P46, P51, P53, P80, P92 and not above
NONE	No formal qualifications	QUALENT3 = X02, X05 and not above
OTHER	Other qualifications (unknown level, or below level 3)	QUALENT3 = Q51, Q52, Q80, R51, R52, R80, X04 and not above
UNKNOWN	Unknown qualifications	Otherwise

SPUGLEVEL

78. This field splits undergraduate students into those aiming for a first degree and other undergraduates.

Value	Description	Definition
FIRST	Undergraduate aiming for a first degree	HESLEVEL = UG and COURSEAIM = H00, H11, H12, H16, H18, H22, H23, I00, I11, I12, I16, M22, M26, M28
OUG	Other undergraduate	HESLEVEL = UG and not above
OTHER	Not an undergraduate	Otherwise

SPHIGHQUAL

79. This 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[†] = 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[†] = P, Q, R, X (except X06)
0	Otherwise	Otherwise

† The first character of QUALENT3 is used.

* The first character of COURSEAIM is used.

SPEXCL1

80. This SPPOP exclusion flag indicates that the student is excluded from the full-time successful outcomes population for reasons other than those related to their home postcode (POSTCODE) or data on their qualifications on entry.

Value	Description	Definition

0	Student not excluded for reason not related to home postcode or data on qualifications on entry	HESEXCL = 0 and
		HESCOMP = 4 and
		DOMICILE = XF, XG, XH, XI, XK and
		HESMODE = FTS, SWOUT and
		HESLEVEL = UG and
		(HESTYPE = HOMEF or
		    (HESTYPE = HOMENF and COURSEAIM = H16, H62, I16, J26, M16, M26, M86 and
		        (((REGBODY1 = 06, 42, 44, 46, 47, 48, 50, 52, 55, 56, 57, 61, 62, 63, 64, 65 or
		            REGBODY2 = 06, 42, 44, 46, 47, 48, 50, 52, 55, 56, 57, 61, 62, 63, 64, 65) and
		            COMDATE ≥ 1 August 2015 and COMDATE < 1 August 2017) or
		        ((REGBODY1 = 36, 37 or REGBODY2 = 36, 37) and COMDATE ≥ 1 August 2016))) or
		    (HESTYPE = HOMENF and UKPRN = 10007791 and COURSEAIM = J16 and
		        (REGBODY1 = 37 or REGBODY2 = 37) and COMDATE ≥ 1 August 2016))

1	Student excluded for reason not related to home postcode or data on qualifications on entry	Otherwise

SPEXCL2

81. This SPPOP exclusion flag indicates whether or not the student's home postcode (POSTCODE) is excluded from the mapping to 2011 Middle Layer Super Output Areas (MSOA) in England and Wales, 2001 Super Output Areas (SOA) in Northern Ireland and 2001 Intermediate Zones in Scotland, or from the mapping to 2001 Census Area Statistics (CAS) wards for students aged 21 or over on entry. 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 Postcode Directory (ONSPD); or where no link to an MSOA, an SOA, an Intermediate Zone or a CAS ward is possible.

Value	Description
1	Student's home postcode excluded from mapping
0	Otherwise

SPEXCL4

82. This SPPOP exclusion flag indicates that the student is recorded as having an 'Other qualification at level 3' (QUALENT3 = P80), but has no data in the Continuity Register, and no level 3 qualifications were found by linking to ILR or NPD data.

Value	Description	Definition
1	Student has (QUALENT3 = P80) but has no data in the Continuity Register and no level 3 qualifications were found by linking to ILR or NPD data	QUALENT3 = P80 and SPTARQUAL = EMPTY and SPLINK ≠ 1
0	Otherwise	Otherwise

SPEXCL8

83. This SPPOP exclusion flag indicates that we expect the ILR and/or NPD data used (if SPL3SOURCE = ILRNPD) to determine the student's highest qualification on entry grouping (SPENTQUAL) and tariff score (SPTARIFF) to be incomplete, because the student was at least 33 years old on 31 August 2017 and we can only link to data from 2002-03 onwards.

Value	Description	Definition
1	Student's ILR and/or NPD data used to determine SPENTQUAL and SPTARIFF is expected to be incomplete	SPLINKAGE ≥ 33 and SPL3SOURCE = ILRNPD and (SPENTQUAL = L3_COMB, BTEC, OTH3_TAR or (SPENTQUAL = BACC and QUALENT3 ≠ P62, P63) or (SPENTQUAL = ACCESS and QUALENT3 ≠ X00, X01))
0	Otherwise	Otherwise

SPEXCL16

84. This SPPOP exclusion flag indicates that the student has at least one qualification in the Continuity Register where the grade has not been recorded (QUALGRADE = BLANK), so we expect their tariff score (SPTARIFF) to be incorrect. We use SPL3SOURCE to ensure that this exclusion is only applied to students where the Continuity Register has the most complete information on their qualifications on entry.

Value	Description	Definition
1	Student has at least one qualification in the Continuity Register where the grade has not been recorded	SPL3SOURCE = HESA and SPENTQUAL = OTH3_TAR, OTH3_NOTAR and (QUALTYPEXX ≠ BLANK and QUALGRADEXX = BLANK)*
0	Otherwise	Otherwise

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

SPEXCL

85. The value of this field can be used to determine the value of each of the SPPOP exclusion flags (SPEXCL1-16).

Value	Description	Definition
1	Student excluded for reason not related to home postcode or data on qualifications on entry	SPEXCL1 = 1
2	Student's home postcode excluded from mapping	SPEXCL2 = 1
4	Student has (QUALENT3 = P80) but has no data in the Continuity Register and no level 3 qualifications were found by linking to ILR or NPD data	SPEXCL4 = 1
8	Student's ILR and/or NPD data used to determine SPENTQUAL and SPTARIFF is expected to be incomplete	SPEXCL8 = 1
16	Student has at least one qualification in the Continuity Register where the grade has not been recorded	SPEXCL16 = 1
0	Otherwise	None of the above

86. SPEXCL contains the sum of all applicable values from the table above. It is calculated as (1 × SPEXCL1) + (2 × SPEXCL2) + (4 × SPEXCL4) + (8 × SPEXCL8) + (16 × SPEXCL16). The reason(s) for the exclusion can therefore be identified. For example, if SPEXCL = 11, by subtracting values from the above table (starting at the bottom), we see that the student's ILR and/or NPD data used to determine SPENTQUAL and SPTARIFF is expected to be incomplete (SPEXCL8 = 1), their home postcode is excluded from the mapping to 2001 CAS wards (SPEXCL2 = 1) and they are excluded for another reason not related to their home postcode or data on their qualifications on entry (SPEXCL = 1).

SPPOP

87. This 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	SPEXCL = 0
0	Otherwise	Otherwise

SPEXCLPOP

88. This field indicates that the student is excluded from the full-time successful outcomes population for one or more reasons related to data on their qualifications on entry. If the number of students with (SPEXCLPOP = 1) exceeds the number of students with (SPPOP = 1), then we do not use the provider's headcounts to calculate its 'Premium to support successful student outcomes: full-time' allocation (see '2017-18 Post-collection outputs: Student premium method document' for more information).

Value	Description	Definition
1	Excluded from full-time successful outcomes population for one or more reasons related to qualifications on entry data	SPEXCL1 = 0 and SPEXCL2 = 0 and (SPEXCL4 = 1 or SPEXCL8 = 1 or SPEXCL16 = 1)
0	Otherwise	Otherwise

SPGRP

89. This field holds the entry qualification risk group the student was assigned to.

90. 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 = OTH3_TAR, OTH3_NOTAR and SPTARIFF ≥ 116) or SPENTQUAL = HEPG, HEOUG, HEFD, L3_COMB, BACC)
Y_F_M	Young, first degree, medium risk	SPUGLEVEL = FIRST and SPENTRYAGE < 21 and ((SPENTQUAL = OTH3_TAR, OTH3_NOTAR and (41 ≤ SPTARIFF ≤ 115 or SPTARIFF = 0)) or SPENTQUAL = FOU) and not above
Y_F_H	Young, first degree, high risk	SPUGLEVEL = FIRST and SPENTRYAGE < 21 and ((SPENTQUAL = OTH3_TAR, OTH3_NOTAR and 1 ≤ SPTARIFF ≤ 40) or SPENTQUAL = ACCESS, BTEC, OTHER, NONE) and not above

Value	Description	Definition
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 and SPTARIFF ≥ 106) 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 and SPTARIFF ≤ 105) or
		     SPENTQUAL = BACC, ACCESS, FOU) 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

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

Value	Description	Definition
Y_O_L	Young, other undergraduate, low risk	SPUGLEVEL = OUG and SPENTRYAGE < 21 and ((SPENTQUAL = OTH3_TAR, OTH3_NOTAR and SPTARIFF ≥ 116) or SPENTQUAL = HEPG, HEOUG, HEFD, L3_COMB)
Y_O_M	Young, other undergraduate, medium risk	SPUGLEVEL = OUG and SPENTRYAGE < 21 and ((SPENTQUAL = OTH3_TAR, OTH3_NOTAR and 66 ≤ SPTARIFF ≤ 115) 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 and SPTARIFF ≤ 65) or SPENTQUAL = BTEC, OTHER, NONE) and not above
Y_O_U	Young, other undergraduate, unknown	SPUGLEVEL = OUG and SPENTRYAGE < 21 and not above

Value	Description	Definition
M_O_L	Mature, other undergraduate, low risk	SPUGLEVEL = OUG and SPENTRYAGE ≥ 21 and ((SPENTQUAL = OTH3_TAR, OTH3_NOTAR and SPTARIFF ≥ 66) or SPENTQUAL = HEPG, HEOUG, HEFD, L3_COMB, ACCESS)
M_O_M	Mature, other undergraduate, medium risk	SPUGLEVEL = OUG and SPENTRYAGE ≥ 21 and ((SPENTQUAL = OTH3_TAR, OTH3_NOTAR and 1 ≤ SPTARIFF ≤ 65) or SPENTQUAL = FOU) and not above
M_O_H	Mature, other undergraduate, high risk	SPUGLEVEL = OUG and SPENTRYAGE ≥ 21 and (SPENTQUAL = BACC, BTEC, OTHER, NONE or (SPENTQUAL = OTH3_TAR, OTH3_NOTAR and SPTARIFF = 0)) and not above
M_O_U	Mature, other undergraduate, unknown	SPUGLEVEL = OUG and SPENTRYAGE ≥ 21 and not above

SPQUIN

92. 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 (POLAR4) quintile of the student's 2011 MSOA (2001 SOA in Northern Ireland, 2001 Intermediate Zone in Scotland). 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.