

**Office for
Students**



**2017-18 ILR
post-collection outputs
Student premium technical document**

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Summary

Introduction

1. This document describes the student premium (SP) funding data summary supplied as part of the 2017-18 Individualised Learner Record (ILR) post-collection outputs, and the algorithms applied to the 2017-18 ILR R14 data that are used to calculate the 2019-20 SP allocations. Throughout the document, fields taken or derived from the ILR R14 data 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_XXXXXXX.xlsx';
 - b. Individualised file 'SP17_XXXXXXX_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 'Specification of the Individualised Learner Record for 2017 to 2018' (<https://www.gov.uk/government/publications/ilr-specification-validation-rules-and-appendices-2017-to-2018>) when using this document.

Changes from the 2016-17 ILR post-collection output

6. This section describes any changes to the algorithms since the publication of the SP funding data summary technical document for the 2016-17 ILR post-collection output (PCO), available at <https://www.officeforstudents.org.uk/data-and-analysis/post-collection-outputs/ilr-post-collection-outputs/> under 'Documentation'. Any additions are shown as **bold and underlined**.

SPNHS

7. This field has been added to more accurately identify students who are not eligible to claim Disabled Students' Allowance because they are on a course that is eligible for NHS Bursary funding in 2017-18.
8. For undergraduate pre-registration nursing, midwifery and allied health courses, other than those in dental hygiene and dental therapy, the transfer of funding responsibility from the Department of Health and Social Care took effect from 2017-18. As a result, 'Home and EU' students who started such courses in 2017-18 are fundable instead of non-fundable, and are therefore not eligible for an NHS Bursary.
9. The fundability status of 'Home and EU' students not affected by the transfer of funding responsibility, and on a course leading to first registration as a professional in occupational therapy, operating department practice, orthoptics, physiotherapy, radiography or radiotherapy,

depends on whether or not the course is provided under a contract with an NHS organisation. For these professions, the algorithm also excludes fundable undergraduate students who started their course prior to 1 August 2017 and all fundable postgraduate students because they are on courses that are not provided under a contract with an NHS organisation, and they are therefore not eligible for an NHS Bursary. A similar exclusion is applied to all fundable students on undergraduate courses leading to first registration as a professional in dental hygiene or dental therapy, because they are on courses that are not provided under a contract with an NHS organisation.

SPUGDSA

10. The algorithm for this field has been updated to more accurately exclude students on courses that are eligible for NHS Bursary funding in 2017-18 by replacing MSTUFEE ≠ 31 with **SPNHS ≠ NHS**.

SPPGDSA

11. The algorithm for this field has been updated to more accurately exclude students on courses that are eligible for NHS Bursary funding in 2017-18 by replacing MSTUFEE ≠ 31 with **SPNHS ≠ NHS**.

SPLINK

12. This field is now 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).

SPGRADECOMB

13. This field is now 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) and (SPLINK = 1).
14. The algorithm has been modified to account for the introduction of reformed A-levels. 'NC' and 'P' are stripped from grades for reformed English A-levels (for example, 'A*NC' becomes 'A*' and 'EP' becomes 'E') because these characters do not affect the assignment of tariff points and can therefore be disregarded when deriving grade combinations.

SPTARIFF

15. This field is now calculated using the same method as the HESA Student derived field XTPOINTS instead of XTARIFF. The XTPOINTS field replaces the XTARIFF field, which was calculated on a different points system and using a different methodology. The full specification for XTPOINTS in 2017-18 can be found on HESA's website at: www.hesa.ac.uk/collection/c17051/derived/contents.
16. It is only calculated when (SPGRADECOMB = OTHER).

SPBACC

17. This field indicates whether or not the student's highest qualification on entry is an International Baccalaureate, according to linked ILR and NPD data. It is only derived when (SPGRADECOMB = OTHER).

18. The algorithm used to derive its value 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

SPGRADECOMB = OTHER and

(linked data indicates that

(International Baccalaureate [Total Points] grade ≥ 24) or

(**tariff points**[†] from International Baccalaureate qualifications $> (0.5 \times \text{SPTARIFF})$) or

((tariff points resulting from International Baccalaureate [Higher Level; Standard Level; Bonus Points; Theory of Knowledge; and Extended Essay] > 15) and

(tariff points resulting from International Baccalaureate [Higher Level; Standard Level; Bonus Points; Theory of Knowledge; and Extended Essay] \geq tariff points resulting from level 3 BTEC qualifications))

(only International Baccalaureate qualifications and

(($1 \leq$ International Baccalaureate [Total Points] grade ≤ 23) or

tariff points[†] > 0))

† Total equals tariff points from International Baccalaureate and International Baccalaureate [Standard Level] qualifications, with duplicates removed by subject, plus tariff points from the best International Baccalaureate [Theory of Knowledge] and International Baccalaureate [Extended Essay] qualifications.

SPBTEC

19. This field indicates whether or not the student's highest qualification on entry is a BTEC, according to linked ILR and NPD data. It is only derived when (SPGRADECOMB = OTHER).

20. The algorithm used to derive its value 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, and now takes account of the tariff points associated with any level 3 BTEC qualifications.

SPACCESS

21. This field indicates whether or not the student's highest qualification on entry is an Access to HE Diploma, according to linked ILR and NPD data. It is only derived when (SPGRADECOMB = OTHER).

22. The algorithm used to derive its value is based on the algorithm previously used to determine whether (SPENTQUAL = ACCESS). The algorithm has been modified so that Access to HE Diplomas with fail grades are ignored.

SPENTQUAL

23. Several changes have been made:

- a. 'BACC' – algorithm for second clause has been modified and is now used to derive **SPBACC**.
- b. 'BTEC' – algorithm has been modified and is now used to derive **SPBTEC**.
- c. 'ACCESS' – algorithm for second clause has been modified and is now used to derive **SPACCESS**.

- d. 'OTH3_TAR' – (QUALENT3 = P69) has been removed because it is no longer a valid entry.
- e. 'OTH3_POSSTAR' and 'OTH3_NOTAR' – these have been combined into a single value (OTH3_NOTAR) because there is no difference in the way these two values are treated in subsequent algorithms.
- f. 'OTHER' – a student with (QUALENT3 = X04) is now (SPENTQUAL = OTHER) instead of (SPENTQUAL = UNKNOWN).

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	SPGRADECOMB = ACC_BBC+, BCC_CCC
BACC	(QUALENT3 = P62, P63 or (linked data indicates that (Int. Baccalaureate [Total Points] ≥ 24) or (tariff points resulting from Int. Baccalaureate [Higher Level; Standard Level; and Bonus Points] > 0.5 x SPTARIFF) or ((tariff points resulting from Int. Baccalaureate [Higher Level; Standard Level; Bonus Points; Theory of Knowledge; and Extended Essay] > 15) and (tariff points resulting from Int. Baccalaureate [Higher Level; Standard Level; Bonus Points; Theory of Knowledge; and Extended Essay] ≥ tariff points resulting from Level 3 BTEC qualifications))) SPBACC = 1) and not above
BTEC	Linked data indicates a Level 3 BTEC SPBTEC = 1 and not above
ACCESS	(QUALENT3 = X00, X01 or linked data indicates an Access to HE Diploma SPACCESS = 1) and not above
OTH3_TAR	QUALENT3 = P47, P50, P54, P64, P65, P68, P69, P91, P93, P94 or SPLINK = 1) 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

SPUGLEVEL

24. The algorithm for this field now determines whether a student is aiming for a first degree before determining, if necessary, whether they are aiming for an undergraduate qualification other than a first degree. This reduces the number of HEFQAIM codes used to categorise all students, but does not change the function of the algorithm.

Value	Description	Definition
FIRST	Undergraduate aiming for a first degree	HEFLEVEL = UG and HEFQAIM = FIRST_ENHANCED
OUG	Other undergraduate	HEFLEVEL = UG and HEFQAIM ≠ OTHER and not above
OTHER	Not an undergraduate	Otherwise

SPHIGHQUAL

25. 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

26. 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 (POSTCODEPRIOR) or data on their qualifications on entry.

27. The algorithm for (SPEXCL1 = 0) is based on the algorithm used to determine (SPPOP = 1) in the 2016-17 ILR PCO, with the following modifications:

- a. The (SPEXCLPC = N) clause has been removed (see SPEXCL2).
- b. For undergraduate pre-registration nursing, midwifery and allied health courses, other than those in dental hygiene and dental therapy, the transfer of funding responsibility from the Department of Health and Social Care took effect from 2017-18. As a result, English-domiciled students who started such courses after 31 July 2017 are fundable in 2019-20. There are three cohorts of such students in 2019-20, so we determine the characteristics for three cohorts to inform the SP allocations. Students who started their course in 2017-18 are identified by the (HEFTYPE = HOMEF) clause. In addition, students who started in 2015-16 or 2016-17 are included by specifying in the (HEFTYPE = HOMENF) clause that LEARNSTARTDATE must be between 1 August 2015 and 31 July 2017.
- c. English-domiciled students on undergraduate courses leading to first registration as a professional in dental hygiene or dental therapy, who started their course after 31 July 2018, are also fundable in 2019-20. There are two cohorts of such students in 2019-20, so we determine the characteristics for two cohorts to inform the SP allocations. We include students who started in 2016-17 or 2017-18 by specifying in the (HEFTYPE = HOMENF) clause that LEARNSTARTDATE must be 1 August 2016 or later.
- d. Students on undergraduate post-registration nursing, midwifery and allied health courses should not be included in the population as they are not affected by the transfer of funding responsibility that took effect from 2017-18. HEFHEALTHPROF codes are specified in the clause that identifies non-fundable students to be included, so that those on post-registration courses are excluded.

SPEXCL2

28. This SPPOP exclusion flag replaces SPEXCLPC, and now reflects the use of the POLAR4 classification for SPQUIN. It indicates whether or not the student's home postcode (POSTCODEPRIOR) is excluded from the mapping to 2011 Middle Layer Super Output Areas (MSOA) for young students, or 2001 Census Area Statistics (CAS) wards for mature students.

29. Contrary to the description of SPEXCLPC in the technical document for the 2016-17 ILR PCO, the Office for National Statistics Postcode Directory (ONSPD) was used for the mapping, not the National Statistics Postcode Lookup.

SPEXCL4

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

SPEXCL8

31. 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. It replaces the (SPPOP = 0) algorithm shown in the second row of the definitions table for SPPOP in the 2016-17 ILR PCO technical document.

Definition

SPLINKAGE ≥ 33 and

SPLINK = 1 and

(SPENTQUAL = L3_COMB, BTEC, OTH3_TAR, OTH3_POSSTAR or

(SPENTQUAL = BACC and QUALENT3 ≠ P62, P63) or

(SPENTQUAL = ACCESS and QUALENT3 ≠ X00, X01))

SPEXCL16

32. This SPPOP exclusion flag indicates that no Level 3 qualifications were found by linking to ILR or NPD data, even though the student was under 33 years old on 31 August 2017 and should therefore have achieved their Level 3 qualifications from 2002-03 onwards. It replaces the (SPPOP = 0) algorithm shown in the third row of the definitions table for SPPOP in the 2016-17 ILR PCO technical document. As 'OTH3_POSSTAR' no longer exists, QUALENT3 is used to specify the codes that were previously included in this group but are now included in 'OTH3_NOTAR'.

Definition

SPLINKAGE < 33 and

SPLINK ≠ 1 and

(SPENTQUAL = OTH3_TAR or OTH3_POSSTAR

(SPENTQUAL = OTH3_NOTAR and QUALENT3 = P41, P42, P46, P80))

SPEXCL

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

SPPOP

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

SPEXCLPOP

35. 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

36. Tariff score threshold values have been updated to reflect the new UCAS tariff point system and to match those used by HESA to determine its UK Performance Indicators.
37. References to (SPENTQUAL = OTH3_POSSTAR) have been removed.

SPQUIN

38. Following the publication of the POLAR4 classification, SPQUIN has been updated to use this new version of the classification. For more information on POLAR, see the OfS website: <https://www.officeforstudents.org.uk/data-and-analysis/polar-participation-of-local-areas/>.

‘Student premium funding data summary’ workbook

39. 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

40. 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.
41. The ‘2017-18 Post-collection outputs: Student premium method document’ (<https://www.officeforstudents.org.uk/data-and-analysis/post-collection-outputs/ilr-post-collection-outputs/> under ‘2017-18 ILR 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.
42. ILR fields used to generate the data in the output are listed in Table 2.

Table 2: ILR fields used in the ‘student premium funding data summary’ output

Entity	Field	Description	Column in individualised file
Learner	DATEOFBIRTH	Date of birth	N
Learner	LEARNREFNUMBER†	Learner reference number	B
Learner	LLDDHEALTHPROB	Monitors the distribution of learners with learning difficulties, disabilities or health problems	AC
Learner	POSTCODEPRIOR	Postcode prior to enrolment	AE
Learner	ULN†	Unique learner number	F

Entity	Field	Description	Column in individualised file
Learner Funding and Monitoring	LEARNFAM_DLA	Indicates if the learner is in receipt of Disabled Students' Allowance	Y
Learning Delivery	AIMSEQNUMBER†	Learning aim sequence number	C
Learning Delivery	LEARNAIMREF†	Learning aim reference code	G
Learning Delivery	LEARNPLANENDDATE†	Learning planned end date	Z
Learning Delivery	LEARNSTARTDATE	Learning start date	AA
Learning Delivery HE	DOMICILE	Country code of the student's permanent or home address prior to entry	P
Learning Delivery HE	MSTUFEE	Major source of tuition fees for the learner	AD
Learning Delivery HE	NUMHUS†	Student instance identifier	D
Learning Delivery HE	QUALENT3	Highest qualification on entry	AF
Learning Provider	UKPRN†	UK provider reference number	A
LLDD and Health Problem	LLDDCAT	Nature of the learner's disability, learning difficulty and/or health problem	AB

† 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

43. Fields derived from ILR R14 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 [†]
HEFCOMP [†]	HEIFES completion of year of course indicator	38	Q	Dis/FTSP
HEFESFTE [†]	HEIFES FTE	45	R	Dis
HEFEXCL [†]	Reason(s) for exclusion from the HEIFES population	59	S	Dis/FTSP
HEFHEALTHPROF [†]	Nursing, midwifery or allied health profession that the student is studying towards	46	T	FTSP
HEFLEVEL [†]	Level of study	25	U	Dis/FTSP
HEFMODE [†]	Mode of study	23	V	Dis/FTSP
HEFQAIM [†]	Allocates qualification aim to broad recognised HE qualification type	22	W	Dis/FTSP
HEFTYPE [†]	Fundability status	35	X	Dis/FTSP
SPACCESS	Indicates whether student's highest qualification on entry is an Access to HE Diploma	62	Not shown	FTSP
SPBACC	Indicates whether student's highest qualification on entry is an International Baccalaureate	60	Not shown	FTSP
SPBTEC	Indicates whether student's highest qualification on entry is a BTEC	61	Not shown	FTSP
SPDISPOP	Inclusion in the disabled students' premium population	49	H	Dis
SPDSAALLOC	In receipt of Disabled Students' Allowance (DSA)	50	I	Dis
SPENTQUAL	Grouping of the student's highest qualification on entry	63	Not shown	FTSP
SPENTRYAGE	Student's age on commencement of course	54	AG	FTSP
SPEXCL	Reason(s) for exclusion from the full-time successful outcomes population	71	AH	FTSP
SPEXCL1	Indicates exclusion for reasons not related to postcode or qualifications on entry	66	AI	FTSP
SPEXCL2	Indicates that postcode is excluded from mapping	67	AJ	FTSP
SPEXCL4, SPEXCL8, SPEXCL16	Indicate exclusion for reason related to qualifications on entry	68 - 70	AK - AM	FTSP

Field name	Description	Paragraph	Column in individualised file	SP area(s) used in [‡]
SPEXCLPOP	Indicates exclusion for one or more reasons related to qualifications on entry	74	AN	FTSP
SPGRADECOMB	Categorises students with A-levels on entry according to the highest grades for these qualification types	55	Not shown	FTSP
SPGRP	Entry qualification risk group	75	K	FTSP
SPHIGHQUAL	Identifies students who have previously obtained their qualification aim, or a higher qualification aim	65	AO	FTSP
SPLINK	Indicates whether level 3 qualification found by linking	52	AP	FTSP
SPLINKAGE	Student's age on 31 August 2017	53	AQ	FTSP
SPNHS	Student on course eligible for NHS Bursary	46	AR	Dis
SPPGDSA	DSA eligibility status for postgraduates	48	AS	Dis
SPPOP	Identifies students in the full-time successful outcomes population	73	L	FTSP
SPQUIN	Participation or qualification quintile of student in full-time successful outcomes population	78	M	FTSP
SPSDALLOC	Self-declared disability, not in receipt of DSA	51	J	Dis
SPTARIFF	Tariff score	59	Not shown	FTSP
SPUGDSA	DSA eligibility status for undergraduates	47	AT	Dis
SPUGLEVEL	Indicates whether student is aiming for a first degree	64	AU	FTSP
STUBID [†]	Unique countable year of course identifier	20	E	N/A

† The algorithms for deriving these fields are given in the 'HEIFES17 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 course can be easily identified.

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

Linking to other data sources

44. We link 2017-18 ILR R14 data with any provider's ILR data and schools' National Pupil Database (NPD) data from 2002-03 to 2016-17 to find level 3 qualifications and grades which we use to derive SPGRADECOMB, SPBACC, SPBTEC, SPACCESS and SPTARIFF. 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.
45. For data protection reasons, SPGRADECOMB, SPBACC, SPBTEC, SPACCESS, SPTARIFF and SPENTQUAL are not displayed in the individualised file (SP17_XXXXXXXXX_IND.csv).

Disabled students' premium

SPNHS

46. This field identifies students on courses that are eligible for an NHS Bursary in 2017-18.

Value	Description	Definition
NHS	Course with NHS Bursary	(((HEFLEVEL = UG and LEARNSTARTDATE < 1 August 2017) or HEFLEVEL ≠ UG) and (HEFHEALTHPROF = NURSUN, PODCHI, DIETET, ORTPRO, SPELAN, NURSAD, NURSCH, NURSLD, NURSMH, MIDWIF or (HEFHEALTHPROF = OCCTHE, OPDEPT, ORTHOP, PHYSIO, RADTHE, RADDIA and HEFTYPE = HOMENF))) or (HEFHEALTHPROF = DENTHE, DENHYG and HEFTYPE = HOMENF)
OTHER	Otherwise	Otherwise

SPUGDSA

47. This field indicates the Disabled Students' Allowance (DSA) eligibility status for undergraduates, including students on postgraduate Initial Teacher Training courses.

Value	Description	Definition
1	Undergraduate eligible for DSA	DOMICILE = XF, XG, XH, XI, XK and (HEFLEVEL = UG or HEFQAIM = PGCE) and SPNHS ≠ NHS and (HEFMODE = FTS or (HEFMODE = PT and ((LEARNSTARTDATE < 1 September 2012 and HEFESFTE ≥ 50) or (LEARNSTARTDATE ≥ 1 September 2012 and HEFESFTE ≥ 25))))
0	Otherwise	Otherwise

SPPGDSA

48. This field indicates the DSA eligibility status for postgraduates, excluding students on postgraduate Initial Teacher Training courses.

Value	Description	Definition
1	Postgraduate eligible for DSA	DOMICILE = XF, XG, XH, XI, XK and HEFLEVEL = PGT_ML, PGT_OTH, PGT_UGF and HEFQAIM ≠ PGCE and MSTUFEE ≠ 11, 12, 13, 14, 15, 17, 18, 19 and SPNHS ≠ NHS and (HEFMODE = FTS or (HEFMODE = PT and ((LEARNSTARTDATE < 1 September 2012 and HEFESFTE ≥ 50) or (LEARNSTARTDATE ≥ 1 September 2012 and HEFESFTE ≥ 25))))
0	Otherwise	Otherwise

SPDISPOP

49. 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	HEFCOMP = 4 and HEFEXCL = 0 and HEFTYPE = HOMEF, HOMENF and (SPUGDSA = 1 or SPPGDSA = 1)
0	Otherwise	Otherwise

SPDSAALLOC

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

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

SPSDALLOC

51. 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 (LLDDHEALTHPROB = 1 or LLDDCAT* ≠ 98, 99, BLANK)
0	Otherwise	Otherwise

* In the individualised file SP17_XXXXXXXXX_IND.csv we will display the primary health problem where one is returned. Where a student has more than one health problem recorded but none of them is flagged as the primary health problem, we will display '3' if they are all learning difficulties and '2' otherwise.

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SPLINK

52. This field indicates whether a level 3 qualification for the student has been found by linking to ILR or NPD data. We only attempt to link 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

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

SPENTRYAGE

54. This field contains the student's age at the commencement of the course. This is the number of full years between DATEOFBIRTH and LEARNSTARTDATE. Where DATEOFBIRTH or LEARNSTARTDATE are missing, SPENTRYAGE will be set to zero.

SPGRADECOMB

55. This field categorises students with A-levels on entry into groups according to the highest grades for these qualification types. 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) and (SPLINK = 1).

56. Where qualifications for the student are in identical subjects, we identify the qualification type which results in the most tariff points and discard duplicates with fewer tariff points.

57. Before qualification grades 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 the same reason, 'NC' and 'P' are stripped from grades for reformed English A-levels, for example 'A*NC' becomes 'A*' and 'EP' becomes 'E'.

58. Where a double award has been taken, each of the two grades is treated separately. Likewise where an A-level and an AS-level are treated as a combined award, each of the two grades is treated separately as an A-level and AS-level respectively.

Value	Description	Definition
ACC_BBC+	Student's highest A-level grades are at least ACC or BBC	Student has at least three A-levels or vocational A-levels in distinct subjects (except when derived from double awards), for which the three highest grades 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)
BCC_CCC	Student's highest A-level grades are BCC or CCC	Student has at least three A-levels or vocational A-levels in distinct subjects (except when derived from double awards), for which the three highest grades are: (B, C, C); (C, C, C)
OTHER	Otherwise	Otherwise

SPTARIFF

59. This field contains the tariff score generated by the student's entry qualifications, as derived from linked data, and is calculated using the method that is used to calculate the HESA Student derived field XTPOINTS for 2017-18. It is 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

60. This field indicates whether the student's highest qualification on entry is an International Baccalaureate. It is only calculated when (SPGRADECOMB = OTHER).

Value	Description	Definition
1	International Baccalaureate	SPGRADECOMB = OTHER and (linked data indicates that (International Baccalaureate [Total Points] grade ≥ 24) or (tariff points [†] from International Baccalaureate qualifications $> (0.5 \times \text{SPTARIFF})$) or (only International Baccalaureate qualifications and ($(1 \leq \text{International Baccalaureate [Total Points] grade} \leq 23)$ or tariff points [†] > 0)))
0	Not an International Baccalaureate	SPGRADECOMB = OTHER and not above

[†] Total equals tariff points from International Baccalaureate and International Baccalaureate [Standard Level] qualifications, with duplicates removed by subject, plus tariff points from the best International Baccalaureate [Theory of Knowledge] and International Baccalaureate [Extended Essay] qualifications.

SPBTEC

61. This field indicates whether the student's highest qualification on entry is a BTEC. It is only calculated when (SPGRADECOMB = OTHER).

Value	Description	Definition
1	BTEC	SPGRADECOMB = OTHER and (linked data indicates that (tariff points from level 3 BTEC qualifications \geq 48) or (only level 3 BTEC qualifications and SPTARIFF > 0))
0	Not a BTEC	SPGRADECOMB = OTHER and not above

SPACCESS

62. This field indicates whether the student's highest qualification on entry is an Access to HE Diploma. It is only calculated when (SPGRADECOMB = OTHER).

Value	Description	Definition
1	Access to HE Diploma	SPGRADECOMB = OTHER and (linked data indicates an Access to HE Diploma with at least a pass grade)
0	Not an Access to HE Diploma	SPGRADECOMB = OTHER and not above

SPENTQUAL

63. 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	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
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) 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

Value	Description	Definition
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

64. 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	HEFLEVEL = UG and HEFQAIM = FIRST, ENHANCED
OUG	Other undergraduate	HEFLEVEL = UG and HEFQAIM ≠ OTHER and not above
OTHER	Not an undergraduate	Otherwise

SPHIGHQUAL

65. 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* = J and HEFQAIM = FIRST, ENHANCED) or (QUALENT3* = C (except C90) and HEFQAIM = FIRST, ENHANCED, DIPHE, CERTED, FOUDEG, FDBC, DET, DTLLS, HND) or (QUALENT3 = C90 and HEFQAIM = FIRST, ENHANCED, DIPHE, CERTED, FOUDEG, FDBC, DET, DTLLS, HNC, HND) or QUALENT3* = P, Q, R, X (except X06)
0	Otherwise	Otherwise

* The first character of QUALENT3 is used.

SPEXCL1

66. 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 (POSTCODEPRIOR) 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	HEFEXCL = 0 and HEFCOMP = 4 and DOMICILE = XF, XK and HEFMODE = FTS, SWOUT and HEFLEVEL = UG and (HEFTYPE = HOMEF or (HEFTYPE = HOMENF and ((HEFHEALTHPROF = NURSUN, PODCHI, DIETET, OCCTHE, OPDEPT, ORTHOP, PHYSIO, ORTPRO, SPELAN, RADTHE, RADDIA, NURSAD, NURSCH, NURSLD, NURSMH, MIDWIF and LEARNSTARTDATE ≥ 1 August 2015 and LEARNSTARTDATE < 1 August 2017) or (HEFHEALTHPROF = DENTHE, DENHYG and LEARNSTARTDATE ≥ 1 August 2016))))))
1	Student excluded for reason not related to home postcode or data on qualifications on entry	Otherwise

SPEXCL2

67. This SPPOP exclusion flag indicates whether or not the student's home postcode (POSTCODEPRIOR) is excluded from the mapping to 2011 Middle Layer Super Output Areas (MSOA), 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 or a CAS ward is possible.

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

SPEXCL4

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

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

SPEXCL8

69. This SPPOP exclusion flag indicates that we expect the ILR and/or NPD data used 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 SPLINK = 1 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

70. This SPPOP exclusion flag indicates that no level 3 qualifications were found by linking to ILR or NPD data, even though the student was under 33 years old on 31 August 2017 and should therefore have achieved their level 3 qualifications from 2002-03 onwards.

Value	Description	Definition
1	Student's level 3 qualifications expected to be found but were not found	SPLINKAGE < 33 and SPLINK ≠ 1 and (SPENTQUAL = OTH3_TAR or (SPENTQUAL = OTH3_NOTAR and QUALENT3 = P41, P42, P46, P80))
0	Otherwise	Otherwise

SPEXCL

71. 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 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's level 3 qualifications expected to be found but were not found	SPEXCL16 = 1
0	Otherwise	None of the above

72. SPEXCL contains the sum of all applicable values from the table above. It is calculated as $(1 \times \text{SPEXCL1}) + (2 \times \text{SPEXCL2}) + (4 \times \text{SPEXCL4}) + (8 \times \text{SPEXCL8}) + (16 \times \text{SPEXCL16})$. The reason(s) for the exclusion can therefore be identified. For example, if $\text{SPEXCL} = 11$, 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 ($\text{SPEXCL8} = 1$), their home postcode is excluded from the mapping to 2001 CAS wards ($\text{SPEXCL2} = 1$) and they are excluded for another reason not related to their home postcode or data on their qualifications on entry ($\text{SPEXCL} = 1$).

SPPOP

73. 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	$\text{SPEXCL} = 0$
0	Otherwise	Otherwise

SPEXCLPOP

74. 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 ($\text{SPEXCLPOP} = 1$) exceeds the number of students with ($\text{SPPOP} = 1$), 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

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

76. 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
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

Value	Description	Definition
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

77. 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
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

78. This 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. 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 $SPENTRYAGE \geq 21$): 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.



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