

**Office for
Students**



2019-20 HESA Student Alternative data checking tool

HESES19 comparison rebuild instructions

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Summary

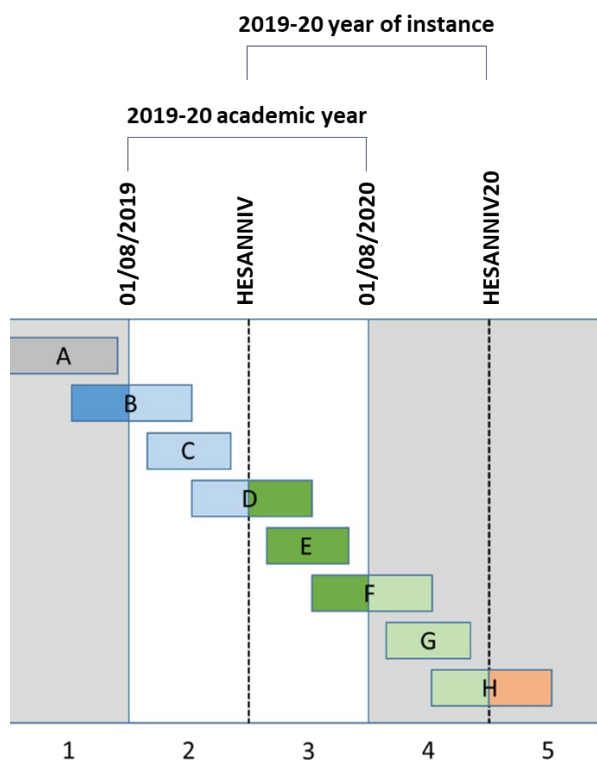
1. This document describes how the Higher Education Students Early Statistics (HESES) recreation data can be rebuilt from the HESES19 comparison individualised file and instance period file.
2. The HESES19 comparison output comprises three files. These are:
 - a. HESES19 comparison workbook 'HES19_DCT_XXXXXXXX.xlsx'.
 - b. HESES19 comparison individualised file 'HES19_DCT_XXXXXXXX_IND.csv'.
 - c. HESES19 comparison instance period file 'HES19_DCT_XXXXXXXX_INSTPER.csv'.
3. The method we use to estimate the full-time equivalent (FTE) for part-time years of instance is described in the 'Method of estimating FTE for part-time years of instance' section of this document.
4. Further details on each aspect of the calculation of teaching grant can be found in the 'Annual funding' section of the Office for Students (OfS) website under www.officeforstudents.org.uk/advice-and-guidance/funding-for-providers/annual-funding/.
5. Each section of this document explains how to rebuild specific populations of students that appear on the tables in the HESES19 comparison workbook. These tables are listed below. Note that it is not possible to recreate Table 4 using 2019-20 HESA Student Alternative data, and so data relating to this table is not shown in the HESES19 comparison workbook.

Workbook tab*	Title
1 Full-time	HESES19 recreation Table 1: Full-time counts of years of instance
2 Sandwich	HESES19 recreation Table 2: Sandwich year out counts of years of instance
3 Part-time	HESES19 recreation Table 3: Part-time counts of years of instance and full-time equivalent (FTE)
5 Planning	HESES19 recreation Table 5: Further student breakdowns for planning purposes
6a Health full-time	HESES19 recreation Table 6a: Full-time counts of years of instance on pre-registration health courses
6b Health sandwich	HESES19 recreation Table 6b: Sandwich year out counts of years of instance on pre-registration health courses
6c Health part-time	HESES19 recreation Table 6c: Part-time counts of years of instance and FTE on pre-registration health courses
A Summary	2020-21 Grant tables Table A: 2020-21 Summary of allocations
B High-cost	2020-21 Grant tables Table B: 2020-21 High-cost subject funding

Workbook tab*	Title
C NMAH supplement	2020-21 Grant tables Table C: 2020-21 Nursing, midwifery and allied health supplement
D Erasmus+	2020-21 Grant tables Table D: 2020-21 Erasmus+ and overseas study programmes
E Other high-cost TAs	2020-21 Grant tables Table E: 2020-21 Other high-cost targeted allocations
F Student access and success	2020-21 Grant tables Table F: 2020-21 Student access and success

Method of estimating FTE for part-time years of instance

6. The diagram below shows six different types of instance periods (labelled A to F) that could be recorded in the 2019-20 HESA Student Alternative record. Other types could be recorded, but for understanding the method we use to estimate FTE, it is not necessary to illustrate all of them. The instance period types labelled G and H cannot be recorded in the 2019-20 HESA Student Alternative record, but it is necessary to consider these types when estimating FTE.



7. The numbers at the bottom of the diagram correspond to the numbers assigned to HESSTARTCASE and HESENDCASE; for example, an instance period of type F would have HESSTARTCASE = 3 and HESENDCASE = 4.
8. Column 4a of Tables 3 and 6c of the HESES19 recreation shows estimated FTE for 2019-20 part-time years of instance. This is the estimated FTE for the activity between COMDATE, or the anniversary of COMDATE in the 2019-20 academic year (HESANNIV), and the anniversary of COMDATE in the 2020-21 academic year (HESANNIV20). This activity is shaded dark and light green.
9. Where an instance period starts before HESANNIV and ends in the 2019-20 academic year (i.e. instance period type D), we calculate the fraction of the period that occurred in the 2019-20 year of instance and multiply this by the period's STULOAD to estimate the FTE. In this case, the FTE would be less than the value of STULOAD.
10. Where an instance period starts on or after HESANNIV and ends in the 2020-21 academic year (i.e. after 31 July 2020), but before HESANNIV20 (i.e. instance period type F), we

calculate the fraction of the period that will occur in the 2020-21 academic year, multiply this by the period's STULOAD, then add the result to STULOAD to estimate the FTE. In this case, the FTE would be greater than the value of STULOAD.

11. Where an instance period starts before HESANNIV, and ends after 31 July 2020 and before HESANNIV20 (i.e. if instance period types D and F were joined together), we add FTE for the activity after 31 July 2020, and subtract FTE for the activity before HESANNIV.
12. Where an instance period starts after 31 July 2020 (i.e. instance period types G and H), it would not be recorded in the 2019-20 HESA Student Alternative record. However, any activity that occurs before HESANNIV20 (shaded light green) should be included when estimating FTE for the 2019-20 year of instance. We estimate the contribution from this activity by calculating the FTE for the activity from corresponding instance periods in the 2019-20 academic year (i.e. instance period types C and D). This activity is shaded light blue in the diagram as it occurred in the 2018-19 year of instance. The contribution excludes the FTE from instance periods starting before 1 August 2019 (i.e. the light blue part of instance period type B), because this activity corresponds with the light green part of instance period type F in the 2019-20 year of instance, and this activity is already included in the FTE estimation.
13. When rebuilding the Column 4a figures in the workbook, it is necessary to distinguish between fields ending in '_INCLEST' and those ending in '_EXCLEST'. Fields ending in '_INCLEST' include an estimate of the contribution from activity that is predicted to occur after 31 July 2020 (based on activity in the 2019-20 academic year), and fields ending in '_EXCLEST' exclude this estimate. The estimate is used to calculate the total contribution to a Column 4a figure in the workbook from instance periods starting after 31 July 2020. FTE values including and excluding the estimate are shown in the instance period file because the estimate may not necessarily be applicable to the instance for which it has been calculated. For example, a student may complete their studies on the anniversary of their COMDATE in the 2019-20 academic year, but have an instance period associated with them that started on or after 1 August 2019. In this case, an estimate of predicted activity after 31 July 2020 would be shown in the instance period file, even though the student would no longer be studying at this point. Nevertheless, it is necessary to include this estimate when aggregating FTE values so that we can more accurately estimate the activity of a student in their first year of the same course, for whom there would be no activity before COMDATE that could be used to predict activity after 31 July 2020.
14. The method described in paragraphs 9 to 12 is applied to every instance period in order to calculate the proportion of its STULOAD that can be attributed to the 2019-20 year of instance. However, we only use the estimated FTE in the instance period file that is associated with part-time years of instance to rebuild the HESES19 tables. As a result, the FTE shown in the individualised file for a particular full-time or sandwich year out year of instance will not always correspond with the FTE shown for the associated instance periods in the instance period file.

HESES19 tables recreated using 2019-20 HESA Student Alternative data

Changes due to the coronavirus (COVID-19) pandemic

15. The COVID-19 exceptional guidance for the 2019-20 HESA Student Alternative record states that FUNDCOMP should be returned in a way that minimises burden. Consequently, this field cannot be used reliably to identify students that did not complete their year of instance. Normally we would derive HESCOMP, a field that identifies whether a student has completed their year of instance, from FUNDCOMP. Instead, we have applied non-completion rates from the equivalent HESES19 data to each year of instance in the HESES19 population, so that each year of instance contributes partially to Column 3 (years not completed) and partially to Column 4 (completed years). This means that, for the HESES19 comparison, HESCOMP cannot be used to filter records in the individualised file. However, Columns 3 and 4 can still be rebuilt using a number of new fields, as described below.

Table 1: Full-time counts of years of instance

16. For the population of students that appear in this table, the first filters to apply to the individualised file are:

HESEXCL = 0

HESMODE = FTS.

17. Additional filters can be applied to specify students in a particular cell, such as filtering by price group, length of year of instance, level of study, and residential and fundability status.

Derived field	Definition	Values and definitions
HESPRGA, HESPRGB, HESPRGC1, HESPRGC2, HESPRGD	Used to filter to a specific price group	HESPRGA ≠ 0 for price group A. HESPRGB ≠ 0 for price group B. HESPRGC1 ≠ 0 for price group C1. HESPRGC2 ≠ 0 for price group C2. HESPRGD ≠ 0 for price group D.
HESLENGTH	Used to filter to the length of year of instance	HESLENGTH = S for students on a standard length of year of instance. HESLENGTH = L for students on a long length of year of instance.
HESLEVEL	Used to filter to the level of study	HESLEVEL = UG for students on an undergraduate course. HESLEVEL = PGT_UGF for students who are postgraduate taught and on a course that is designated under the undergraduate student support arrangements. HESLEVEL = PGT_ML for students who are postgraduate taught and on a course that is designated under the masters' loan arrangements.

		HESLEVEL = PGT_OTH for students who are on postgraduate taught courses that do not fall under the previous two categories. HESLEVEL = PGR for students who are on postgraduate research courses.
HESTYPE	Used to filter to the fundability status of the year of instance	HESTYPE = HOMEF for Home and EU fundable. HESTYPE = HOMENF for Home and EU non-fundable. HESTYPE = ISOV for Island and overseas.
HESREG	Used to filter to Column 1 and Column 2 years of instance	HESREG = 1 for Column 1. HESREG = 2 for Column 2.

18. For example, to filter to years of instance on this table that are fundable, in Column 1 and on a standard length year of instance of an undergraduate course, the filters to apply to the individualised file are:

HESEXCL = 0

HESMODE = FTS

HESLENGTH = S

HESLEVEL = UG

HESTYPE = HOMEF

HESREG = 1.

To find the estimated number of completed years of instance (i.e. recorded in Column 4 of the HESES19 recreation), sum the values of HESCOL4. To find the estimated number of years of instance that were not completed (i.e. recorded in Column 3 of the HESES19 recreation), sum the values of HESCOL3. To find the estimated FTE, sum the values of HESCOL4A. The Column 3 and Column 4 totals may not be whole numbers, but the sum of these totals will equal the number of years of instance found by applying the filters above.

19. For example, to filter to years of instance on this table that are fundable, in Column 1, in price group C1, and on a standard length year of instance of an undergraduate course, the filters to apply to the individualised file are:

HESEXCL = 0

HESMODE = FTS

HESPRGC1 ≠ 0

HESLENGTH = S

HESLEVEL = UG

HESTYPE = HOMEF

HESREG = 1.

To find the total years of instance meeting these criteria, sum the values of HESPRGC1. Of these years, the number estimated to have not been completed (i.e. recorded in Column 3 of the HESES19 recreation) is the sum of the values of HESCOL3_C1, and the number estimated to have been completed (i.e. recorded in Column 4 of the HESES19 recreation) is the sum of the values of HESCOL4_C1. The Column 3 and Column 4 totals may not be whole numbers, but the sum of these totals will equal the sum of the values of HESPRGC1. In summary, (sum of HESCOL3_Y) + (sum of HESCOL4_Y) = (sum of HESPRGY), where Y is the price group. The FTE of the years of instance found by applying the filters above is the sum of the values of FTEC1_INCLEST divided by 100.

Table 2: Sandwich year out counts of years of instance

20. For the population of students that appear in this table, the first filters to apply to the individualised file are:

HESEXCL = 0

HESMODE = SWOUT.

21. Further filters that can be applied are the same as those in 'Table 1: Full-time counts of years of instance'.

22. To find the total years of instance in this population, sum the values of HESPRGC2. Of these years, the number estimated to have not been completed (i.e. recorded in Column 3 of the HESES19 recreation) is the sum of the values of HESCOL3_C2, and the number estimated to have been completed (i.e. recorded in Column 4 of the HESES19 recreation) is the sum of the values of HESCOL4_C2. The Column 3 and Column 4 totals may not be whole numbers, but the sum of these totals will equal the sum of the values of HESPRGC2. The FTE of these years of instance is the sum of the values of FTEC2_INCLEST divided by 100.

Table 3: Part-time counts of years of instance and FTE

23. For the population of students that appear in this table, the first filters to apply to the individualised file are:

HESEXCL = 0

HESMODE = PT.

24. Further filters that can be applied are the same as those in 'Table 1: Full-time counts of years of instance'.

25. For example, to filter to years of instance on this table that are fundable, in Column 2 and on a standard length year of instance of an undergraduate course, the filters to apply to the individualised file are:

HESEXCL = 0

HESMODE = PT

HESLENGTH = S

HESLEVEL = UG

HESTYPE = HOMEF

HESREG = 2.

To find the estimated number of completed years of instance (i.e. recorded in Column 4 of the HESES19 recreation), sum the values of HESCOL4. To find the estimated number of years of instance that were not completed (i.e. recorded in Column 3 of the HESES19 recreation), sum the values of HESCOL3. To find the estimated FTE (i.e. recorded in Column 4a of the HESES19 recreation), sum the values of HESCOL4A. The Column 3 and Column 4 totals may not be whole numbers, but the sum of these totals will equal the number of years of instance found by applying the filters above.

26. For example, to filter to years of instance on this table that are fundable, in Column 1, in price group D, and on a standard length year of instance of an undergraduate course, the filters to apply to the individualised file are:

HESEXCL = 0

HESMODE = PT

HESPRGD ≠ 0

HESLENGTH = S

HESLEVEL = UG

HESTYPE = HOMEF

HESREG = 1.

To find the total years of instance meeting these criteria, sum the values of HESPRGD. Of these years, the number estimated to have not been completed (i.e. recorded in Column 3 of the HESES19 recreation) is the sum of the values of HESCOL3_D, and the number estimated to have been completed (i.e. recorded in Column 4 of the HESES19 recreation) is the sum of the values of HESCOL4_D. The Column 3 and Column 4 totals may not be whole numbers, but the sum of these totals will equal the sum of the values of HESPRGD. In summary, (sum of HESCOL3_Y) + (sum of HESCOL4_Y) = (sum of HESPRGY), where Y is the price group. The FTE of the years of instance found by applying the filters above (which is recorded in Column 4a of the HESES19 recreation) is the sum of the values of FTED_INCLEST divided by 100.

Recreating Column 4a of Table 3 using the instance period file

27. To find the instance periods that contribute to the estimated FTE in Column 4a of Table 3 of the HESES19 recreation, the filters to apply to the instance period file are:

HESEXCL = 0

HESMODE = PT

HESEXCL_PX = 0.

The estimated FTE is then the sum of the values of HESCOL4A.

28. Additional filters can be applied to find the instance periods that contribute to the estimated FTE in a particular cell, such as filtering by price group, length of year of instance, level of study, and residential and fundability status.

29. For example, to find the instance periods that contribute to the estimated OfS-fundable FTE for standard length, undergraduate years of instance in price group B, the filters to apply to the instance period file are:

HESEXCL = 0

HESMODE = PT

HESEXCL_PX = 0

HESPRGB ≠ 0

HESLENGTH = S

HESLEVEL = UG

HESTYPE = HOMEF.

The estimated FTE is then the sum of the values of FTEB_INCLEST divided by 100.

Table 5: Further student breakdowns for planning purposes

30. For the population of students that appear in this table, the first filter to apply to the individualised file is HESEXCL = 0.

31. To further filter these students, the following fields can be used:

HESLEVEL

HESREG

HESTYPE

HESRESSTAT

HESMODE.

32. For example, to filter to full-time students on this table that are in Column 1, on an undergraduate course, are fundable and UK-domiciled, then the filters to apply to the individualised file are:

HESEXCL = 0

HESREG = 1

HESLEVEL = UG

HESMODE = FTS

HESRESSTAT = HOMEF_UK.

33. To find the equivalent population of new entrants (i.e. students in Section B of this table), apply the above filters as well as HESNEWENTRANT = 1. To find the total headcount of this population sum the HESNEWENTRANT variable.

Table 6a: Full-time counts of years of instance on pre-registration health courses

34. For the population of students that appear in this table, the first filters to apply to the individualised file are:

HESEXCL = 0

HESHEALTHPOP = 1

HESMODE = FTS.

35. To identify OfS-fundable students in Column 1(a) and Column 2(a), the filter to apply to the individualised file is HESTYPE = HOMEF.

36. To identify non-fundable starters in 2016-17 in Column 1(b)(i) and Column 2(b)(i), the filters to apply to the individualised file are:

HESTYPE = HOMENF

HESHEALTHYEAR = 2016-17

HESLEVEL = UG

HESHEALTHPROF1 ≠ DENTHE, DENHYG.

37. To identify non-fundable starters in 2017-18 in Column 1(b)(ii) and Column 2(b)(ii), the filters to apply to the individualised file are:

HESTYPE = HOMENF

HESHEALTHYEAR = 2017-18.

- a. To identify the undergraduate students included in these columns, the filters to apply are:

HESLEVEL = UG

HESHEALTHPROF1 = DENTHE, DENHYG.

- b. To identify the postgraduate students included in these columns, the filters to apply are:

HESLEVEL = PGT_UGF

HESHEALTHPROF1 ≠ DENTHE, DENHYG.

38. The students included in Column 1(b)(iii) and Column 2(b)(iii) are those with HESTYPE = HOMENF who do not meet the criteria in paragraphs 36 and 37.
39. To identify starters in 2019-20, the filter to apply to the individualised file is HESHEALTHYEAR = 2019-20.
40. To identify students in a particular profession, the filters to apply to the individualised file are HESHEALTHPROF1 and HESHEALTHPROF2.
41. Further filters can be applied to identify students with a particular length of year of instance or level of study.
42. For example, to identify OfS-fundable students who are on a full-time, undergraduate level, standard length podiatry course, then the filters to apply to the individualised file are:

HESEXCL = 0

HESHEALTHPOP = 1

HESMODE = FTS

HESTYPE = HOMEF

HESHEALTHPROF1 = PODCHI

HESLENGTH = S

HESLEVEL = UG.

To find the estimated number of completed years of instance (i.e. recorded in Column 4 of Table 6a of the HESES19 recreation), sum the values of HESCOL4. To find the estimated number of years of instance that were not completed (i.e. recorded in Column 3 of Table 6a of the HESES19 recreation), sum the values of HESCOL3. To find the estimated FTE, sum the values of HESCOL4A. The Column 3 and Column 4 totals may not be whole numbers, but the sum of these totals will equal the number of years of instance found by applying the filters above.

43. Providers with pre-registration nursing, midwifery and allied health courses that are split between two professions will also need to use HESHEALTHPROF2 to identify these students.
44. For example, to identify OfS-fundable students who are on a full-time, postgraduate level, standard length course split between 'Nursing – adult' and 'Nursing – mental health', then the filters to apply to the individualised file are:

HESEXCL = 0

HESHEALTHPOP = 1

HESMODE = FTS

HESATYPE = HOMEF

HESHEALTHPROF1 = NURSAD, NURSMH

HESHEALTHPROF2 = NURSAD, NURSMH

HESLENGTH = S

HESLEVEL = PGT_UGF.

To find the total years of instance meeting these criteria, sum the values of HESHEALTHPOP. Half of the years of instance found by applying these filters will be counted as 'Nursing – adult' in Table 6a, and the other half will be counted as 'Nursing – mental health'. Of the years of instance counted as 'Nursing – adult', the number estimated to have not been completed (i.e. recorded in Column 3 of Table 6a of the HES19 recreation) is the sum of the values of HESCOL3_PROF1 (where HESHEALTHPROF1 = NURSAD and HESHEALTHPROF2 = NURSMH) and HESCOL3_PROF2 (where HESHEALTHPROF1 = NURSMH and HESHEALTHPROF2 = NURSAD), and the number estimated to have been completed (i.e. recorded in Column 4 of Table 6a of the HES19 recreation) is the sum of the values of HESCOL4_PROF1 (where HESHEALTHPROF1 = NURSAD and HESHEALTHPROF2 = NURSMH) and HESCOL4_PROF2 (where HESHEALTHPROF1 = NURSMH and HESHEALTHPROF2 = NURSAD). The Column 3 and Column 4 totals may not be divisible by 0.5, but the sum of these totals will equal the years of instance counted as 'Nursing – adult' in Columns 1 and 2 of Table 6a when the filters above are applied. The estimated FTE of the total years of instance found by applying the filters above is the sum of the values of HESCOL4A.

Table 6b: Sandwich year out counts of years of instance on pre-registration health courses

45. For the population of students that appear in this table, the first filters to apply to the individualised file are:

HESEXCL = 0

HESHEALTHPOP = 1

HESMODE = SWOUT.

46. To identify students in the different columns, apply filters as set out in paragraphs 35 to 39.

47. Similar filters can be applied to those in paragraphs 42 and 44 to identify students counted in a particular row.

48. To find the total years of instance in this population, sum the values of HESPRGC2. Of these years, the number estimated to have not been completed (i.e. recorded in Column 3 of Table 6b of the HESES19 recreation) is the sum of the values of HESCOL3_C2, and the number estimated to have been completed (i.e. recorded in Column 4 of Table 6b of the HESES19 recreation) is the sum of the values of HESCOL4_C2. The Column 3 and Column 4 totals may not be whole numbers, but the sum of these totals will equal the sum of the values of HESPRGC2. The FTE of these years of instance is the sum of the values of FTEC2_INCLEST divided by 100.

Table 6c: Part-time counts of years of instance on pre-registration health courses

49. For the population of students that appear in this table, the first filters to apply to the individualised file are:

HESEXCL = 0

HESHEALTHPOP = 1

HESMODE = PT.

50. To identify students in the different columns, apply filters as set out in paragraphs 35 to 39.

51. Similar filters can be applied to those in paragraphs 42 and 44 to identify students counted in a particular row.

Recreating Column 4a of Table 6c using the instance period file

52. To find the instance periods that contribute to the estimated FTE in Column 4a of Table 6c of the HESES19 recreation, the filters to apply to the instance period file are:

HESEXCL = 0

HESHEALTHPOP = 1

HESMODE = PT

HESEXCL_PX = 0.

The estimated FTE is then the sum of the values of HESCOL4A.

53. To find the instance periods that contribute to the estimated FTE in the different columns within Column 4a, apply the filters described in paragraphs 35 to 39 to the instance period file.

54. To find the instance periods that contribute to the estimated FTE in a particular profession, filter the instance period file using HESHEALTHPROF1 and HESHEALTHPROF2.

55. Further filters can be applied to identify instance periods associated with years of instance of a particular length or at a particular level of study.

56. For example, to find the instance periods that contribute to the estimated non-fundable FTE for starters in 2016-17 on standard length, undergraduate courses in dietetics, the filters to apply to the instance period file are:

HESEXCL = 0

HESHEALTHPOP = 1

HESMODE = PT

HESEXCL_PX = 0

HESLENGTH = S

HESLEVEL = UG

HESTYPE = HOMENF

HESHEALTHYEAR = 2016-17

HESHEALTHPROF1 = DIETET or HESHEALTHPROF2 = DIETET.

Dietetics courses are in price group B, so the estimated FTE is the sum of the values of FTEB_INCLEST divided by 100.

Funding tables

57. This section details how the 2020-21 funding allocations can be modelled using the 2019-20 HESA Student Alternative data, where HESES19 data has previously been used.
58. Within these tables the columns titled '2020-21 allocation using HESES19 data (£)' and 'Calculations using HESES19 data' are the figures shown in the latest 2020-21 grant tables. Some of these values may not match the grant tables if there have been any amendments to HESES19 data since the latest grant announcement or where mergers have taken place.
59. The columns titled '2020-21 allocation using 2019-20 HESA Student Alternative data (£)' and 'Calculations modelled using HESA Student Alternative data' contain values from the 2019-20 HESA Student Alternative data, and calculations that are based on this data.
60. The columns titled 'Difference' are the figures calculated using 2019-20 HESA Student Alternative data minus the figures calculated using HESES19 data.

Table A: 2020-21 Summary of allocations

61. This table is a summary of the teaching grant allocations shown in Tables B, C, D, E and F. This table can be used to identify unusual differences at a high level; the tables on the five other sheets can then be used to look at the differences in more detail.

Table B: 2020-21 High-cost subject funding

62. This table shows the calculation of 2020-21 high-cost subject funding.
63. 'FTEs from '1 Full-time', '2 Sandwich' and '3 Part-time' is the sum of Column 4 of the '1 Full-time' tab, Column 4 of the '2 Sandwich' tab multiplied by 0.5 and Column 4a of the '3 Part-time' tab.
64. 'Additional NMAH cohort: UG FTEs (excl. DHDT) from '6 Health' is the sum of full-time undergraduate students from Column 4(b)(i) of the '6a Health full-time' tab, sandwich year out undergraduate students from Column 4(b)(i) of the '6b Health sandwich' tab multiplied by 0.5 and part-time undergraduate students taken from Column 4a(b)(i) of the '6c Health part-time' tab.
65. 'Additional NMAH cohort: PGT FTEs from '6 Health' is the sum of full-time postgraduate students taken from Column 4(b)(ii) of the '6a Health full-time' tab and part-time postgraduate students taken from Column 4a(b)(ii) of the '6c Health part-time' tab.
66. 'Additional NMAH cohort: DHDT FTEs from '6 Health' is the sum of full-time undergraduate students taken from Column 4(b)(ii) of the '6a Health full-time' tab, sandwich year out undergraduate students from Column 4(b)(ii) of the '6b Health sandwich' tab multiplied by 0.5 and part-time undergraduate students taken from Column 4a(b)(ii) of the '6c Health part-time' tab.
67. 'Adjustment for over-recruitment against medical and dental intake targets' is taken from column H.

68. 'Other FTE adjustments' is taken from column I.
69. 'Total FTEs for 2020-21 high-cost subject funding' is the sum of the FTEs in columns L to Q.
70. 'High-cost subject funding (£)' is the 'Total FTEs for 2020-21 high-cost subject funding' multiplied by the rates of funding and scaling factor shown on the 'G Parameters' tab.

Table C: 2020-21 Nursing, midwifery and allied health supplement

71. This table shows the calculation of the 2020-21 Nursing, midwifery and allied health supplement.
72. 'FTEs from '6a Health full-time', '6b Health sandwich' and '6c Health part-time' are taken from '6a Health full-time', '6b Health Sandwich' and '6c Part-time' of this workbook. It includes the following sections:
- a. 'Full-time and sandwich year out', 'OfS-fundable' is the sum of OfS-fundable full-time students taken from Column 4(a) of the '6a Health full-time' tab and sandwich year out students taken from Column 4(a) of the '6b Health sandwich' tab multiplied by 0.5.
 - b. 'Full-time and sandwich year out', 'Additional cohort' is the sum of full-time students taken from Column 4(b)(i) and Column 4(b)(ii) of the '6a Health full-time' tab and sandwich year out students taken from Column 4(b)(i) and Column 4(b)(ii) of the '6b Health sandwich' tab multiplied by 0.5.
 - c. 'Part-time', 'OfS-fundable' is taken from Column 4a(a) of the '6c Health part-time' tab.
 - d. 'Part-time', 'Additional cohort' is taken from Column 4a(b)(i) and Column 4a(b)(ii) of the '6c Health part-time' tab.
73. 'FTE adjustment' is taken from column G.
74. 'Total FTEs for nursing, midwifery and allied health supplement' is the sum of the FTEs in columns J to N.
75. The 'Nursing, midwifery and allied health supplement (£)' column is the 'Total FTEs for nursing, midwifery and allied health supplement' multiplied by the rate of funding for that profession and level, as shown on the 'G Parameters' tab.

Table D: 2020-21 Erasmus+ and overseas study programmes

76. This table shows the calculation of the 2020-21 Erasmus+ and overseas study programmes allocation. As it is not possible to recreate Table 4 using 2019-20 HESA Student Alternative data, all figures calculated from 2019-20 HESA Student Alternative data in this table will be shown as zero.

Table E: 2020-21 Other high-cost targeted allocations

77. This table shows the calculation of other targeted allocations.

78. 'FTEs from '1 Full-time', '2 Sandwich' and '3 Part-time' is the sum of Column 4 of the '1 Full-time' tab, Column 4 of the '2 Sandwich' tab multiplied by 0.5 and Column 4a of the '3 Part-time' tab.
79. 'Additional NMAH cohort: UG FTEs (excl. DHDT) from '6 Health' is the sum of full-time undergraduate students from Column 4(b)(i) of the '6a Health full-time' tab, sandwich year out undergraduate students from Column 4(b)(i) of the '6b Health sandwich' tab multiplied by 0.5 and part-time undergraduate students taken from Column 4a(b)(i) of the '6c Health part-time' tab.
80. 'Additional NMAH cohort: PGT FTEs from '6 Health' is the sum of full-time postgraduate students taken from Column 4(b)(ii) of the '6a Health full-time' tab, sandwich year out postgraduate students from Column 4(b)(ii) of the '6b Health sandwich' tab multiplied by 0.5 and part-time postgraduate students taken from Column 4a(b)(ii) of the '6c Health part-time' tab.
81. 'Additional NMAH cohort: DHDT FTEs from '6 Health' is the sum of full-time undergraduate students from Column 4(b)(ii) of the '6a Health full-time' tab, sandwich year out undergraduate students from Column 4(b)(ii) of the '6b Health sandwich' tab multiplied by 0.5 and part-time undergraduate students taken from Column 4a(b)(ii) of the '6c Health part-time' tab.
82. 'Adjustment for over-recruitment against medical and dental intake targets' is taken from column I.
83. FTE adjustments from 2020-21 grant tables' is taken from column J.
84. 'Total FTEs for 2020-21 other targeted allocations' is the sum of the FTEs in columns P to U.
85. 'Postgraduate taught supplement (£)' is the 'Total FTEs for 2020-21 other targeted allocations' multiplied by the postgraduate taught supplement parameters shown on the 'G Parameters' tab.
86. 'Intensive postgraduate provision (£)' is the 'Total FTEs for 2020-21 other targeted allocations' multiplied by the intensive postgraduate parameters shown on the 'G Parameters' tab.
87. 'Accelerated full-time undergraduate provision (£)' is the 'Total FTEs for 2020-21 other targeted allocations' multiplied by the accelerated full-time undergraduate provision parameters shown on the 'G Parameters' tab.
88. 'Students attending courses in London (£)' is the 'Total FTEs for 2020-21 other targeted allocations' multiplied by the students attending courses in London parameters shown on the 'G Parameters' tab.

Table F: 2020-21 Student premium allocations

89. This table shows the calculation of 2020-21 student premium allocations.
90. **Premium to support successful student outcomes: full-time (main allocation and supplement).** The figure in the 'Total FTEs for 2020-21 Full-time and sandwich year out UG'

row is the total FTE for full-time and sandwich year out UGs from the 'Total FTEs for 2020-21 other targeted allocations' column in 'E Other high-cost TAs'.

91. **Premium to support successful student outcomes: part-time.** The figure in the 'Total FTEs for 2020-21: Part-time UG' row is the total FTE for part-time UGs from the 'Total FTEs for 2020-21 other targeted allocations' column in 'E Other high-cost TAs'.
92. **Disabled students' premium.** The 'Total FTEs for 2020-21' figure is the total FTE for all modes and levels from the 'Total FTEs for 2020-21 other targeted allocations' column in 'E Other high-cost TAs'.



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