

**Office for
Students**



2023-24 Student data checking tool

**HESES23 comparison rebuild
instructions**

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Published 22 August 2024

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Summary

1. This document describes how the Higher Education Students Early Statistics (HESES) recreation data can be rebuilt from the HESES23 comparison individualised file as generated by the 2023-24 Student data checking tool.
2. The HESES23 comparison is formed of two files. These are:
 - a. HESES23 comparison workbook 'HES23_DCT_XXXXXXXX.xlsx'
 - b. HESES23 comparison individualised file 'HES23_DCT_XXXXXXXX_IND.csv'
 where XXXXXXXX is the UK Provider Reference Number (UKPRN) for the provider.
3. Each section of this document details how to rebuild specific populations of students that appear on the tables in the HESES23 comparison workbook. These tables are listed below.

Worksheet	Title
1_Full_time	HESES23 recreated using 2023-24 Student data Table 1: Full-time counts of years of engagement
2_Sandwich	HESES23 recreated using 2023-24 Student data Table 2: Sandwich year out counts of years of engagement
3_Part_time	HESES23 recreated using 2023-24 Student data Table 3: Part-time counts of years of engagement
4_Year_abroad	HESES23 recreated using 2023-24 Student data Table 4: Home fee undergraduate years abroad
5_Planning	HESES23 recreated using 2023-24 Student data Table 5: Further student analysis for planning purposes
6a_Health_full_time	HESES23 recreated using 2023-24 Student data Table 6a: Full-time counts of years of engagement for home fee students on pre-registration health courses
6c_Health_part_time	HESES23 recreated using 2023-24 Student data Table 6c: Part-time counts of years of engagement for home fee students on pre-registration health courses
A_Summary	2024-25 Grant tables Table A: Summary of 2024-25 allocations
B_High_cost	2024-25 Grant tables Table B: 2024-25 High-cost subject funding
C_NMAH_supplement	2024-25 Grant tables Table C: 2024-25 Nursing, midwifery and allied health supplement
D_Overseas	2024-25 Grant tables Table D: 2024-25 Overseas study programmes

Worksheet	Title
E_Other_high_cost_targeted	2024-25 Grant tables Table E: 2024-25 Other high-cost targeted allocations
F_Student_access_and_success	2024-25 Grant tables Table F: 2024-25 Student access and success
H_Parameters	2024-25 Grant tables Table H: 2024-25 Parameters in the funding models

4. This document and the HESES23 comparison workbook were updated on 26 August 2024 to include funding modelled using 2023-24 Student data.

HESES23 tables recreated using 2023-24 Student (23056) data

Table 1: Full-time counts of years of engagement

6. For the population that appears in this table, the first filters to apply to the individualised file are:

HESEXCL = 0

HESSCSNUM = 1

HESMODE = FTS

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

Derived field	Definition	Values and definitions
HESPRGA, HESPRGB, HESPRGC11, HESPRGC12, HESPRGC2, HESPRGD	Used to filter to a specific price group	HESPRGA ≠ 0 for price group A. HESPRGB ≠ 0 for price group B. HESPRGC11 ≠ 0 for price group C1.1. HESPRGC12 ≠ 0 for price group C1.2. HESPRGC2 ≠ 0 for price group C2. HESPRGD ≠ 0 for price group D.
HESLENGTH	Used to filter to the length of year of engagement	HESLENGTH = S for students on a standard length of year of engagement. HESLENGTH = L for students on a long length of year of engagement.
HESLEVEL	Used to filter to the level of study	HESLEVEL = UG_45 for students on a Level 4 or 5 undergraduate course. HESLEVEL = UG_OTH for students on another undergraduate course. HESLEVEL = PGT_UGF for students who are postgraduate taught and eligible under the undergraduate student support regime. HESLEVEL = PGT_ML for students who are on postgraduate taught courses that are eligible 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 residential and fundability status of the year of engagement	HESTYPE = HOMEF for Home fee OfS-fundable. HESTYPE = HOMENF for Home fee non-fundable. HESTYPE = ISOV for Overseas.
HESREG	Used to filter Column 1 and	HESREG = 1 for Column 1. HESREG = 2 for Column 2.

Derived field	Definition	Values and definitions
	Column 2 years of engagement	

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

HESEXCL = 0

HESSCSNUM = 1

HESMODE = FTS

HESLENGTH = S

HESLEVEL = UG_OTH

HESTYPE = HOMEF

HESREG = 1.

9. For example, to filter to years of engagement on this table that are fundable, in Column 1, in price group C1.1, and on a standard length year of engagement of a Level 4 or 5 undergraduate course, the filters to apply to the individualised file are:

HESEXCL = 0

HESSCSNUM = 1

HESMODE = FTS

HESPRGC11 ≠ 0

HESLENGTH = S

HESLEVEL = UG_45

HESTYPE = HOMEF

HESREG = 1.

10. To find the total years of engagement meeting these criteria, sum the values of HESPRGC11.

Table 2: Sandwich year out counts of years of engagement

11. For the population that appears in this table, the first filters to apply to the individualised file are:

HESEXCL = 0

HESSCSNUM = 1

HESMODE = SWOUT.

12. Further filters that can be applied are the same as those in Table 1: Full-time counts of years of engagement.
13. To find the total years of engagement in this population, sum the values of HESPRGC2.

Table 3: Part-time counts of years of engagement

14. For the population that appears in this table, the first filters to apply to the individualised file are:

HESEXCL = 0
HESSCSNUM = 1
HESMODE = PT.

15. Further filters that can be applied are the same as those in Table 1: Full-time counts of years of engagement.
16. For example, to filter to years of engagement on this table that are fundable, in Column 2 and on a standard length year of engagement of another undergraduate course, the filters to apply to the individualised file are:

HESEXCL = 0
HESSCSNUM = 1
HESMODE = PT
HESLENGTH = S
HESLEVEL = UG_OTH
HESTYPE = HOMEF
HESREG = 2.

17. For example, to filter to years of engagement on this table that are fundable, in Column 1, in price group D, and on a standard length year of engagement of a Level 4 or 5 undergraduate course, the filters to apply to the individualised file are:

HESEXCL = 0
HESSCSNUM = 1
HESMODE = PT
HESPRGD ≠ 0
HESLENGTH = S
HESLEVEL = UG_45
HESTYPE = HOMEF

HESREG = 1.

18. To find the total years of engagement meeting these criteria, sum the values of HESPRGD.

Table 4: Home fee undergraduate years abroad

19. For the population that appears in this table, the first filters to apply to the individualised file are:

HESYAPOP = 1

HESSCSNUM = 1.

20. For students on an outgoing Turing year abroad, the filter to apply to the individualised file is HESYATYPE = TURING_WORK, TURING_OTH.

21. For students taking an outgoing year abroad outside the Turing programme the filter to apply to the individualised file is HESYATYPE = OTHER.

22. To identify whether a student is in Column 1 or Column 2 of the table filter to HESREG = 1 or HESREG = 2 respectively.

a. To identify students in Column 1(a) and Column 2(a) the filter to apply to the individualised file is HESMODE = FTS.

b. To identify students in Column 1(b) and Column 2(b) the filter to apply to the individualised file is HESMODE = SWOUT.

23. A further filter can be applied to HESTYPE to filter to students who are either fundable (HESTYPE = HOMEF) or non-fundable (HESTYPE = HOMENF).

24. To find the total headcount of students sum the variable HESYAPOP.

Table 5: Further student analysis for planning purposes

25. For the population that appears in this table, the first filters to apply to the individualised file are:

HESEXCL = 0

HESSCSNUM = 1.

26. To further filter these years of engagement, the following fields can be used:

HESLEVEL

HESREG

HESTYPE

HESRESSTAT

HESMODE

HESHTQ.

27. For example, to filter to full-time years of engagement that are in Column 1, on a Level 4 or 5 undergraduate course, are fundable and UK-domiciled, then the filters to apply to the individualised file are as follows:

HESEXCL = 0

HESSCSNUM = 1

HESREG = 1

HESLEVEL = UG_45

HESMODE = FTS

HESRESSTAT = HOMEF_UK.

28. 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.

29. For example, to filter to full-time years of engagement that are on a Level 4 or 5 undergraduate HTQ course and are fundable then the filters to apply to the individualised file are as follows:

HESEXCL = 0

HESSCSNUM = 1

HESLEVEL = UG_45

HESMODE = FTS

HESTYPE = HOMEF

HESHTQ = 1.

Table 6a: Full-time counts of years of engagement for home fee students on pre-registration health courses

30. For the population that appears in this table, the first filters to apply to the individualised file are:

HESHEALTHPOP = 1

HESSCSNUM = 1

HESMODE = FTS.

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

32. To identify non-fundable years of engagement in Column 1(b) and Column 2(b), the filter to apply to the individualised file is HESTYPE = HOMENF.

33. To identify starters in 2023-24, the filter to apply to the individualised file is HESHEALTHYEAR = 2023-24.

34. Use HESHEALTHPROF1 and HESHEALTHPROF2 to identify years of engagement for a particular profession.

35. Further filters can be applied to identify those with a particular length of year of engagement or level of study.

36. For example, to identify OfS-fundable years of engagement for full-time, undergraduate level, standard length podiatry courses, the filters to apply to the individualised file are:

HESHEALTHPOP = 1

HESSCSNUM = 1

HESMODE = FTS

HESATYPE = HOMEF

HESHEALTHPROF1 = PODCHI

HESLENGTH = S

HESLEVEL = UG_45, UG_OTH.

37. 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 years of engagement.

38. To find the count of years of engagement of a given population in this table:

- For Dental hygiene, Nursing (adult), Nursing (children), Nursing (learning disability) and Nursing (mental health), sum HESHEALTHPROP1/2 where HESHEALTHPROF1/2 is that profession with the relevant filters applied as set out in paragraph 36.
- Otherwise, sum the HESHEALTHPOP variable with the relevant filters applied as set out in paragraph 36.

Table 6c: Part-time counts of years of engagement for home fee students on pre-registration health courses

39. For the population that appears in this table, the first filters to apply to the individualised file are:

HESHEALTHPOP = 1

HESSCSNUM = 1

HESMODE = PT.

40. To identify years of engagement in the different columns, apply filters as set out in paragraphs 31 to 33.

41. Similar filters can be applied to those in paragraphs 34 and 35 to identify years of engagement counted in a particular row.

FTEs for 2024-25 funding

42. 'FTEs for 2024-25 funding' in the recreated HESES23 tables has been calculated using the multiplication factors from the HESES23_FTE workbooks that were published in March 2024, with the exception of successful representations where updated multiplication factors are used.
43. The 'HESES23 multiplication factors Appendix 2: How the multiplication factors have been calculated' document is available at the OfS website and explains the methodology used.¹
44. Where multiplication factors were used for HESESE23 the multiplication factor level is shown as 'N/A'. If the combination of mode, length, level and price group (or profession for Table 6a and 6c) did not feature in a provider's HESES23 return then a new multiplication factor and accompanying level will be displayed. These have been calculated using the methodology described in Appendix 2 above.
45. Multiplication factors and FTEs are only shown for OfS-fundable years of engagement.
46. 'FTEs for 2024-25' is the product of OfS-fundable years of engagement in 'Column 1 + 2' and 'Multiplication factor'.

¹ See <https://www.officeforstudents.org.uk/data-and-analysis/data-collection/multiplication-factors/>.

Funding tables

47. This section details how the 2024-25 funding allocations can be modelled using the 2023-24 Student data, where HESES23 data has previously been used.
48. Within these tables the columns titled 'Calculations using HESES23 data' contain the figures shown in the latest 2024-25 grant tables. Some of these values may not match the grant tables if there have been any amendments to HESES23 data since the grant announcement or where mergers have taken place.
49. The columns titled 'Calculations modelled using 2023-24 Student data' contain values from the 2023-24 Student data and calculations that are based on this data.
50. The columns titled 'Difference' are the figures calculated using 2023-24 Student data minus the figures calculated using HESES23 data.

Table A: Summary of 2024-25 allocations

51. This table is a summary of the teaching grant allocations shown in Tables B, C, D, E and F, and shows fixed allocations that are not based on HESES23 data. This table will 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: 2024-25 High-cost subject funding

52. This table shows the calculation of 2024-25 high-cost subject funding.
53. 'OfS-fundable FTEs' is the sum of 'FTEs for 2024-25 funding' from the '1_Full_time' tab, '2_Sandwich' tab and '3_Part_time' tab.
54. 'Adjustments for over-recruitment against medical and dental intake targets' is taken from column E.
55. 'Other FTE adjustments' is taken from column F.
56. 'Total FTEs for 2024-25 high-cost subject funding' is the sum of the FTEs in columns I to K.
57. 'High-cost subject funding (£)' is the 'Total FTEs for 2024-25 high-cost subject funding' multiplied by the rates of funding and scaling factor shown on the 'H_Parameters' tab.

Table C: 2024-25 Nursing, midwifery and allied health supplement

58. This table shows the calculation of the 2024-25 Nursing, midwifery and allied health supplement.
59. 'OfS-fundable FTEs (Full-time)' is taken from 'FTEs for 2024-25 funding' from the '6a_Health_full_time' tab.
60. 'OfS-fundable FTEs (Part-time)' is taken from 'FTEs for 2024-25 funding' from the '6c_Health_part_time' tab.

61. 'FTE adjustments' is taken from column E.
62. 'Total FTEs for NMAH supplement' is the sum of the FTEs in columns H to J.
63. The 'Nursing, midwifery and allied health supplement (£)' column is the 'Total FTEs for NMAH supplement' multiplied by the rate of funding for that profession and level, as shown on the 'H_Parameters' tab.

Table D: 2024-25 Overseas study programmes

64. This table shows the calculation of the 2024-25 Overseas study programmes allocation.
65. 'Full-time years abroad (OfS-fundable)', 'Full-time years abroad (Non-fundable)', 'Sandwich year out years abroad (OfS-fundable)' and 'Sandwich year out years abroad (Non-fundable)' are the years countable for each mode and fundability status, taken from Columns 1 and 2 of the '4_Year_abroad' tab. Sandwich years out that are not taken under the Erasmus+ or Turing programmes are not included.
66. 'Total years countable for Overseas study programmes' is the sum of the years countable in columns H to K.
67. 'Overseas study programmes (£)' is the 'Total years countable for overseas study programmes' multiplied by the rate of funding shown on the 'H_Parameters' tab.

Table E: 2024-25 Other high-cost targeted allocations

68. This table shows the calculation of other high-cost targeted allocations.
69. 'OfS-fundable FTEs' is the sum of 'FTEs for 2024-25 funding' from the '1_Full_time' tab, '2_Sandwich' tab and '3_Part_time' tab.
70. 'Adjustments for over-recruitment against medical and dental intake targets' is taken from column F.
71. 'Other FTE adjustments' is taken from column G.
72. 'Total FTEs for 2024-25 other high-cost targeted allocations' is the sum of the FTEs in columns L to N.
73. 'Postgraduate taught supplement (£)' is the 'Total FTEs for 2024-25 other high-cost targeted allocations' multiplied by the postgraduate taught supplement parameters shown on the 'H_Parameters' tab.
74. 'Intensive postgraduate provision (£)' is the 'Total FTEs for 2024-25 other high-cost targeted allocations' multiplied by the intensive postgraduate provision parameters shown on the 'H_Parameters' tab.
75. 'Accelerated full-time undergraduate provision (£)' is the 'Total FTEs for 2024-25 other high-cost targeted allocations' multiplied by the accelerated full-time undergraduate provision parameters shown on the 'H_Parameters' tab.

Table F: 2024-25 Student access and success

76. This table shows the calculation of 2024-25 student access and success allocations.
77. **Premium to support successful student outcomes: full-time (main allocation and supplement).** The figure in the 'Total FTEs for 2024-25: 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 2024-25 other high-cost targeted allocations' column in 'E_Other_high_cost_targeted'.
78. **Premium to support successful student outcomes: part-time.** The figure in the 'Total FTEs for 2024-25: Part-time UG' row is the total FTE for part-time UGs from the 'Total FTEs for 2024-25 other high-cost targeted allocations' column in 'E_Other_high_cost_targeted'.
79. **Disabled students' premium.** The 'Total FTEs for 2024-25' figure is the total FTE for all modes and levels from the 'Total FTEs for 2024-25 other high-cost targeted allocations' column in 'E_Other_high_cost_targeted'.
80. **Premium for student transitions and mental health.** The 'Headcount of OfS-fundable undergraduate entrants' figure is the total OfS-fundable undergraduates included in 'Section B: New entrants' of the '5_Planning' tab.

Table G: 2024-25 Level 4 and 5 provision

81. This table is purposely excluded from the comparison workbook as the allocation is not yet announced. It is noted here as it appears in the 2024-25 grant tables.



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www.nationalarchives.gov.uk/doc/open-government-licence/version/3/