

**Office for  
Students**



# **2020-21 HESA Student Alternative post-collection outputs**

**HESES20 comparison technical document**

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# Summary

1. This document describes the Higher Education Students Early Statistics survey 2020-21 (HESES20) comparison files supplied as part of the 2020-21 Higher Education Statistics Agency (HESA) Student Alternative post-collection outputs, and the algorithms used to generate the data needed to recreate HESES20 from 2020-21 HESA Student Alternative data. Throughout the document, fields taken or derived from the HESA Student Alternative record are shown in capitals.
2. The HESES20 comparison output should be used by staff responsible for individualised data returns at higher education providers. This document is intended to help you understand in detail how the 2020-21 HESA Student Alternative data compares with the in-year HESES20 data, and to highlight significant differences between the two.
3. The HESES20 comparison output is formed of three files. These are:
  - a. HESES20 comparison workbook 'HES20\_XXXXXXXX.xlsx', where XXXXXXXX denotes the UK Provider Reference Number, UKPRN. This is supplied for the reconciliation exercise.
  - b. HESES20 comparison individualised file 'HES20\_XXXXXXXX\_IND.csv'. This is supplied for the reconciliation exercise and funding data summaries, and may also be useful in interpreting the use of 2020-21 HESA Student Alternative data in the calculation of student premium allocations.
  - c. HESES20 comparison instance period file 'HES20\_XXXXXXXX\_INSTPER.csv'. This is supplied for the reconciliation exercise.

Details of how to use individualised files are given on the Office for Students (OfS) website ([www.officeforstudents.org.uk/data-and-analysis/supplying-data/working-with-individualised-files/](http://www.officeforstudents.org.uk/data-and-analysis/supplying-data/working-with-individualised-files/)).

4. These files can be accessed from the '2020-21 Post-collection outputs' area of the OfS portal. Details will be emailed to the named student data contacts at providers when outputs become available.
5. This document is aimed at readers with in-depth knowledge of the data. Readers are advised to refer to the Coding Manual for the 2020-21 HESA Student Alternative record (<https://www.hesa.ac.uk/collection/c20054>), 'Higher Education Students Early Statistics survey 2020-21 (HESES20)' ([www.officeforstudents.org.uk/publications/heses20/](http://www.officeforstudents.org.uk/publications/heses20/)) and the latest individualised files for the HESES19 comparison and the HESES18 comparison when using this document.

## Requesting overrides

6. Occasionally primary derived field(s) need to be overridden for some records. This occurs in circumstances where we cannot correctly categorise those records using an algorithm. Providers should email [hesasar@officeforstudents.org.uk](mailto:hesasar@officeforstudents.org.uk) where they believe an override may

need to be created. Two examples of where we believe some providers may need to request an override are given below.

### Overriding HESLEVEL for some students studying architecture

7. For students who are on Part 2 of the qualification leading towards registration with the Architects Registration Board, typically some should be classed as Postgraduate taught (undergraduate fee) (i.e. HESLEVEL = PGT\_UGF), and some should be classed as Postgraduate taught (masters' loan) (i.e. HESLEVEL = PGT\_ML).
8. However, the HESLEVEL algorithm may place all records into the PGT\_ML category. If some of the records at your provider should instead be placed into the PGT\_UGF category, and it has a material impact on funding, an override will need to be requested.

### Overriding HESLEVEL for some students studying post-registration health and social care qualifications at level M

9. Only certain values of HESCOURSEAIM\_P1 (M00, M01, M02, M10, M11, M16, M88) are included in the classification of records as Postgraduate taught (masters' loan) (i.e. HESLEVEL = PGT\_ML). However, some post-registration health and social care courses at level M (HESCOURSEAIM\_P1 = M76) may be classed as Postgraduate taught (masters' loan), and the HESLEVEL algorithm will not be classing these courses as such. If these courses at your provider should be placed into the PGT\_ML category, and it has a material impact on funding, an override will need to be requested.

### HESES20 comparison workbook

10. The HESES20 comparison workbook is the Excel workbook 'HES20\_XXXXXXXX.xlsx' which contains the worksheets shown in Table 1. Note that it is not possible to recreate Table 4 using 2020-21 HESA Student Alternative data. Consequently, no data relating to this table is shown in the HESES20 comparison workbook, and all figures calculated from 2020-21 HESA Student Alternative data in Table D are shown as zero.

**Table 1: Worksheets in the HESES20 comparison workbook**

| Worksheet*        | Title  |
|-------------------|--|
| Cover_sheet       | Workbook information   |
| Table_of_contents | Table of contents  |
| Key_differences   | Key differences between HESES20 and recreated HESES20  |
| Rebuild_summary   | Comparison of splits of years of instance and FTE  |
| 1 Full-time       | HESES20 recreation Table 1: Full-time counts of years of instance                                |
| 2 Sandwich        | HESES20 recreation Table 2: Sandwich year out counts of years of instance                        |
| 3 Part-time       | HESES20 recreation Table 3: Part-time counts of years of instance and full-time equivalent (FTE) |

| Worksheet*               | Title  |
|--------------------------|--|
| 5 Planning               | HESES20 recreation Table 5: Further student breakdowns for planning purposes   |
| 6a Health full-time      | HESES20 recreation Table 6a: Full-time counts of years of instance on pre-registration health courses  |
| 6b Health sandwich       | HESES20 recreation Table 6b: Sandwich year out counts of years of instance on pre-registration health courses                                |
| 6c Health part-time      | HESES20 recreation Table 6c: Part-time counts of years of instance and FTE on pre-registration health courses                                |
| h1 Full-time             | HESES20 Table 1: Full-time counts of years of instance   |
| h2 Sandwich              | HESES20 Table 2: Sandwich year out counts of years of instance   |
| h3 Part-time             | HESES20 Table 3: Part-time counts of years of instance and FTE   |
| h5 Planning              | HESES20 Table 5: Further student breakdowns for planning purposes  |
| h6a Health full-time     | HESES20 Table 6a: Full-time counts of years of instance on pre-registration health courses   |
| h6b Health sandwich      | HESES20 Table 6b: Sandwich year out counts of years of instance on pre-registration health courses   |
| h6c Health part-time     | HESES20 Table 6c: Part-time counts of years of instance and FTE on pre-registration health courses   |
| 1 Full-time diff         | Difference between HESES20 and HESES20 recreation Table 1: Full-time counts of years of instance   |
| 2 Sandwich diff          | Difference between HESES20 and HESES20 recreation Table 2: Sandwich year out counts of years of instance                                     |
| 3 Part-time diff         | Difference between HESES20 and HESES20 recreation Table 3: Part-time counts of years of instance and FTE                                     |
| 5 Planning diff          | Difference between HESES20 and HESES20 recreation Table 5: Further student breakdowns for planning purposes                                  |
| 6a Health full-time diff | Difference between HESES20 and HESES20 recreation Table 6a: Full-time counts of years of instance on pre-registration health courses         |
| 6b Health sandwich diff  | Difference between HESES20 and HESES20 recreation Table 6b: Sandwich year out counts of years of instance on pre-registration health courses |
| 6c Health part-time diff | Difference between HESES20 and HESES20 recreation Table 6c: Part-time counts of years of instance and FTE on pre-registration health courses |

| Worksheet*                   | Title   |
|------------------------------|---|
| A Summary                    | 2021-22 Grant tables Table A: 2021-22 Summary of allocations                          |
| B High-cost                  | 2021-22 Grant tables Table B: 2021-22 High-cost subject funding                       |
| C NMAH supplement            | 2021-22 Grant tables Table C: 2021-22 Nursing, midwifery and allied health supplement |
| D Overseas                   | 2021-22 Grant tables Table D: 2021-22 Overseas study programmes                       |
| E Other high-cost TAs        | 2021-22 Grant tables Table E: 2021-22 Other high-cost targeted allocations            |
| F Student access and success | 2021-22 Grant tables Table F: 2021-22 Student access and success                      |
| G Parameters                 | 2021-22 Grant tables Table G: 2021-22 Parameters in the funding models                |

\* Shading corresponds to the colour of the workbook tab.

11. The difference sheets (see worksheets ending in 'diff' in Table 1) will indicate where differences between the HESES20 recreation tables and the HESES20 tables exceed a given threshold. The size of this threshold can be altered by entering the required value where indicated on the worksheets. These sheets are to assist providers in reconciling differences between HESES20 data and HESES20 recreation data.
12. Providers are strongly encouraged to use the 'Rebuild\_summary' worksheet in the 'HES20\_XXXXXXXX.xlsx' workbook, which may highlight data quality issues relating to the HESA Student Alternative fields used in the HESES20 recreation algorithms.

## HESES20 comparison individualised and instance period files

13. When working through this document it is necessary to use the individualised file, 'HES20\_XXXXXXXX\_IND.csv' and instance period file 'HES20\_XXXXXXXX\_INSTPER.csv'. These files contain the values of all fields used to generate the HESES20 comparison.
14. Fields taken from the 2020-21 HESA Student Alternative record or derived as part of the HESES20 comparison are shown in capitals using the names given in Tables 2 and 3 respectively.
15. Specific instructions for rebuilding the HESES20 comparison workbook from the individualised file or instance period file are provided in the HESES20 comparison rebuild document.
16. The individualised file contains one record per instance (each unique combination of UKPRN, HUSID and NUMHUS) in the 2020-21 academic year, and the instance period file contains one record per instance period (each unique combination of UKPRN, HUSID, NUMHUS and HESPERIODNUM).

## Instance period ranking

17. The number of instance periods that can be returned for a given instance is unbounded; however, due to file size considerations we restrict the number of separate instance periods displayed in the individualised file to three. In the unusual case where an instance has more than three instance periods, all will be considered in our algorithms, although only three will be displayed in the individualised file.
18. The instance period derived field HESEXCL\_PX (where X is the ranking of the instance period) determines whether or not an instance period is included in the HESES20 population. Instance periods are ranked by whether or not they are in the HESES20 population, then by descending HESPERIODSTART\_PX date. Thus, an instance period which is included in the population is always ranked higher than an excluded instance period, even if the excluded instance period has a later HESPERIODSTART\_PX date.
19. The data associated with the first ranked instance period is used to define the instance in the HESES20 population. Data for all instance periods is shown in the instance period file, but only data for the top three ranked instance periods is shown in the individualised file.

# HESA Student Alternative fields used to create the HESES20 comparison output

20. The HESA Student Alternative fields used to generate the HESES20 comparison are listed in Table 2.

**Table 2: List of HESA Student Alternative fields used in the HESES20 comparison**

| Entity          | Name      | Description                           | Column in individualised file | Column in instance period file |
|-----------------|-----------|---------------------------------------|-------------------------------|--------------------------------|
| Provider        | UKPRN     | UK Provider Reference Number          | A                             | A                              |
| Course          | COURSEAIM | General qualification aim of course   | N/A                           | N/A                            |
| Course          | REGBODY   | Regulatory body                       | N/A                           | N/A                            |
| Course          | TTCID     | Teacher training course               | N/A                           | N/A                            |
| Course subject  | SBJCA     | Subject of course                     | N/A                           | N/A                            |
| Course subject  | SBJPCNT   | Subject percentage                    | N/A                           | N/A                            |
| Student         | HUSID     | HESA unique student identifier        | B                             | B                              |
| Student         | OWNSTU    | Provider's own identifier for student | D                             | D                              |
| Entry profile   | DOMICILE  | Domicile                              | AB                            | N/A                            |
| Instance        | COMDATE   | Start date of instance                | AA                            | F                              |
| Instance        | ENDDATE   | End date of instance                  | AC                            | G                              |
| Instance        | FUNDCODE  | Fundability code                      | AI                            | N/A                            |
| Instance        | FUNDCOMP  | Completion of year of instance        | AJ                            | N/A                            |
| Instance        | FUNDLEV   | Level applicable to OfS HESES         | AK                            | N/A                            |
| Instance        | NUMHUS    | Student instance identifier           | C                             | C                              |
| Instance        | OWNINST   | Provider's own instance identifier    | E                             | E                              |
| Instance        | RSNEND    | Reason for ending instance            | BL                            | N/A                            |
| Instance        | SPLENGTH  | Expected length of study              | BM                            | N/A                            |
| Instance        | UNITLGTH  | Units of length                       | BN                            | N/A                            |
| Instance period | COURSEID  | Course identifier                     | N/A                           | N/A                            |
| Instance period | DISALL    | Disabled student allowance            | N/A                           | N/A                            |
| Instance period | EXCHIND   | Exchange programmes                   | N/A                           | N/A                            |



| <b>Entity</b>   | <b>Name</b> | <b>Description</b>           | <b>Column in individualised file</b> | <b>Column in instance period file</b> |
|-----------------|-------------|------------------------------|--------------------------------------|---------------------------------------|
| Instance period | INITIATIVES | Initiatives                  | N/A                                  | N/A                                   |
| Instance period | LOCSDY      | Location of study            | N/A                                  | N/A                                   |
| Instance period | MODE        | Mode of study                | N/A                                  | N/A                                   |
| Instance period | MSTUFEE     | Major source of tuition fees | N/A                                  | N/A                                   |
| Instance period | PERIODEND   | Instance period end date     | N/A                                  | N/A                                   |
| Instance period | PERIODSTART | Instance period start date   | N/A                                  | N/A                                   |
| Instance period | STULOAD     | Student instance FTE         | N/A                                  | N/A                                   |
| Instance period | YEARPRG     | Year of course               | N/A                                  | N/A                                   |

## Description of derived fields

21. The derived fields used to generate the HESES20 comparison are listed in Table 3.

**Table 3: List of derived fields used in the HESES20 comparison**

| Name   | Description   | Para. | Column in individualised file | Column in instance period file |
|--|---|-------|-------------------------------|--------------------------------|
| FTEA_EXCLEST,<br>FTEB_EXCLEST,<br>FTEC1_EXCLEST,<br>FTEC2_EXCLEST,<br>FTED_EXCLEST | Estimated FTE of the activity assigned to each price group, calculated using HESESFTE_EXCLEST | 119   | N/A                           | BE, BG, BI, BK, BM             |
| FTEA_INCLEST,<br>FTEB_INCLEST,<br>FTEC1_INCLEST,<br>FTEC2_INCLEST,<br>FTED_INCLEST | Estimated FTE of the activity assigned to each price group, calculated using HESESFTE_INCLEST | 120   | AD-AH                         | BF, BH, BJ, BL, BN             |
| HESANNIV   | Anniversary of start date in current academic year  | 70    | AL                            | H                              |
| HESANNIV21   | Anniversary of start date in following academic year  | 71    | AM                            | I                              |
| HESBROADLEVEL  | Broad level of study  | 85    | AN                            | N/A                            |
| HESCLIN  | Price group A clinical medical, dental and veterinary science students                        | 83    | AO                            | N/A                            |
| HESCOMP  | Completion status   | 80    | F                             | J                              |
| HESCOURSEAIM_PX  | General qualification aim of course   | 23    | BO, CW, EE                    | AB                             |
| HESCOURSEID_PX   | Course identifier   | 24    | BP, CX, EF                    | AC                             |
| HESCRSELGTH  | Expected length of the course in years  | 81    | AP                            | N/A                            |
| HESDISALL  | Disabled Students' Allowances   | 98    | AQ                            | N/A                            |
| HESDISALL_PX   | Disabled Students' Allowances   | 25    | BQ, CY, EG                    | N/A                            |
| HESEC  | Indicates whether student has a UK, other Home and EU, or other domicile                      | 76    | AR                            | N/A                            |

| Name             | Description   | Para. | Column in individualised file | Column in instance period file |
|------------------|---|-------|-------------------------------|--------------------------------|
| HESENDCASE       | Instance period end date category   | 51    | N/A                           | AT                             |
| HESENDDATE_AC20  | 2020-21 academic year end date  | 54    | N/A                           | AW                             |
| HESENDDATE_IN19  | 2019-20 year of instance end date   | 52    | N/A                           | AU                             |
| HESENDDATE_IN20  | 2020-21 year of instance end date   | 56    | N/A                           | AY                             |
| HESESFTE_1       | Estimated FTE in 2020-21 academic year for 2020-21 year of instance   | 57    | N/A                           | AZ                             |
| HESESFTE_2       | Estimated FTE in 2021-22 academic year for 2020-21 year of instance   | 58    | N/A                           | BA                             |
| HESESFTE_3_IN19  | Estimated FTE in 2020-21 academic year for 2019-20 year of instance from instance period starting on or after 1 August 2020 | 59    | N/A                           | BB                             |
| HESESFTE_EXCLEST | Estimated FTE for 2020-21 year of instance, excluding any estimate for instance period starting on or after 1 August 2021   | 115   | N/A                           | BC                             |
| HESESFTE_INCLEST | Estimated FTE for 2020-21 year of instance, including any estimate for instance period starting on or after 1 August 2021   | 116   | G                             | BD                             |
| HESEXCHIND_PX    | Exchange programmes   | 26    | BR, CZ, EH                    | AD                             |
| HESEXCL          | Reason(s) for exclusion from the HESES population   | 111   | H                             | K                              |
| HESEXCL_PX       | Reason(s) for exclusion of instance period  | 67    | BS, DA, EI                    | AE                             |

| Name                 | Description  | Para.     | Column in individualised file | Column in instance period file |
|----------------------|--|-----------|-------------------------------|--------------------------------|
| HESEXCL1-512         | HESES population exclusions  | 101 - 110 | AS-BB                         | N/A                            |
| HESEXCL1-32_PX       | Instance period exclusions   | 61 - 65   | BT-BY, DA-DG, EJ-EO           | AF-AK                          |
| HESHEALTHPOP         | Identifies whether student is included in health population                                      | 97        | I                             | L                              |
| HESHEALTHPROF1-2     | Identifies which nursing, midwifery or allied health professions the student is recorded against | 74        | J-K                           | M-N                            |
| HESHEALTHPROP1-2     | Proportion of student's activity allocated to each health profession                             | 94 - 95   | L-M                           | O-P                            |
| HESHEALTHYEAR        | Indicates whether student started course in 2020-21 or another academic year                     | 96        | N                             | Q                              |
| HESINITIATIVES1-3_PX | Initiatives  | 27 - 29   | BZ-CB, DH-DJ, EP-ER           | N/A                            |
| HESLENGTH            | Long or standard length year of instance   | 79        | O                             | R                              |
| HESLEVEL             | Level of study   | 75        | P                             | S                              |
| HESLOCSDY_PX         | Location of study  | 30        | CC, DK, ES                    | AL                             |
| HESMDV               | Undergraduate clinical and pre-clinical medical, dental and veterinary science students          | 82        | BC                            | N/A                            |
| HESMODE              | Mode of study  | 73        | Q                             | T                              |
| HESMODE_PX           | Mode of study  | 31        | CD, DL, ET                    | AM                             |
| HESMSTUFEE_PX        | Major source of tuition fees   | 32        | CE, DM, EU                    | AN                             |
| HESNEWENTRANT        | Identifies whether student is a new entrant  | 92        | R                             | N/A                            |
| HESOVER              | Primary derived field(s) being overridden  | 113       | BD                            | N/A                            |

| Name  | Description   | Para.   | Column in individualised file | Column in instance period file |
|---|---|---------|-------------------------------|--------------------------------|
| HESPERIODEND_PX                               | Instance period end date                            | 34      | CG, DO, EW                    | AP                             |
| HESPERIODNUM                                  | Ranking of instance period                          | 22      | N/A                           | AQ                             |
| HESPERIODSTART_PX                             | Instance period start date                          | 33      | CF, DN, EV                    | AO                             |
| HESPGR18                                      | Number of PGR years of instance in 2018-19          | 90      | BE                            | N/A                            |
| HESPGR19                                      | Number of PGR years of instance in 2019-20          | 91      | BF                            | N/A                            |
| HESPGT18                                      | Number of PGT years of instance in 2018-19          | 88      | BG                            | N/A                            |
| HESPGT19                                      | Number of PGT years of instance in 2019-20          | 89      | BH                            | N/A                            |
| HESPRGA, HESPRGB, HESPRGC1, HESPRGC2, HESPRGD | Proportion of countable year in each price group    | 84      | S-W                           | U-Y                            |
| HESREG  | HESES Column 1 or 2 indicator                       | 72      | X                             | Z                              |
| HESREGBODY1-2_PX                              | Regulatory body for health and social care students | 35 - 36 | CH-CI, DP-DQ, EX-EY           | N/A                            |
| HESRESSTAT                                    | Fundability and residential status                  | 78      | Y                             | N/A                            |
| HESSEBJCA1-5_PX                               | Subject of course                                   | 37 - 41 | CJ-CN, DR-DV, EZ-FD           | N/A                            |
| HESSEBJCNT1-5_PX                              | Proportion of time allocated for each subject       | 42 - 46 | CO-CS, DW-EA, FE-FI           | N/A                            |
| HESSTARTCASE                                  | Instance period start date category                 | 50      | N/A                           | AS                             |
| HESSTARTDATE_AC20                             | 2020-21 academic year start date                    | 53      | N/A                           | AV                             |
| HESSTARTDATE_IN20                             | 2020-21 year of instance start date                 | 55      | N/A                           | AX                             |
| HESSTULOAD                                    | Sum of FTE across all instance periods              | 99      | BI                            | N/A                            |
| HESSTULOAD_PX                                 | Student instance FTE                                | 47      | CT, EB, FJ                    | AR                             |
| HESSTCID_PX                                   | Teacher training course                             | 48      | CU, EC, FK                    | N/A                            |

| Name          | Description                               | Para. | Column in individualised file | Column in instance period file |
|---------------|---|-------|-------------------------------|--------------------------------|
| HESTYPE       | Fundability status                        | 77    | Z                             | AA                             |
| HESUG18       | Number of UG years of instance in 2018-19 | 86    | BJ                            | N/A                            |
| HESUG19       | Number of UG years of instance in 2019-20 | 87    | BK                            | N/A                            |
| HESYEARPRG_PX | Year of course                            | 49    | CV, ED, FL                    | N/A                            |

## Instance period derived fields

### HESPERIODNUM

22. The value of HESPERIODNUM indicates the ranking of the instance period, with the first ranked instance period having a value of 1. The data associated with the first ranked instance period is used to define the instance in the HESES20 population. This field is only shown in the instance period file.

### HESCOURSEAIM\_PX

23. This field contains COURSEAIM for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

### HESCOURSEID\_PX

24. This field contains COURSEID for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

### HESDISALL\_PX

25. This field contains DISALL for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

### HESEXCHIND\_PX

26. This field contains EXCHIND for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

### HESINITIATIVES1\_PX

27. This field contains INITIATIVES1 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

### **HESINITIATIVES2\_PX**

28. This field contains INITIATIVES2 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

### **HESINITIATIVES3\_PX**

29. This field contains INITIATIVES3 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

### **HESLOCSDY\_PX**

30. This field contains LOCSDY for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

### **HESMODE\_PX**

31. This field contains MODE for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

### **HESMSTUFEE\_PX**

32. This field contains MSTUFEE for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

### **HESPERIODSTART\_PX**

33. This field contains PERIODSTART for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

### **HESPERIODEND\_PX**

34. This field contains PERIODEND for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

### **HESREGBODY1\_PX**

35. This field contains REGBODY1 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

### **HESREGBODY2\_PX**

36. This field contains REGBODY2 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

### **HESBJCA1\_PX**

37. This field contains SBJCA1 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

### **HESBJCA2\_PX**

38. This field contains SBJCA2 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

### **HESBJCA3\_PX**

39. This field contains SBJCA3 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

### **HESBJCA4\_PX**

40. This field contains SBJCA4 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

### **HESBJCA5\_PX**

41. This field contains SBJCA5 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

### **HESBJPCNT1\_PX**

42. This field contains SBJPCNT1 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

### **HESBJPCNT2\_PX**

43. This field contains SBJPCNT2 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

### **HESBJPCNT3\_PX**

44. This field contains SBJPCNT3 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

### **HESBJPCNT4\_PX**

45. This field contains SBJPCNT4 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.



## HESBJCNT5\_PX

46. This field contains SBJCNT5 for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

## HESSTULOAD\_PX

47. This field contains STULOAD for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

## HESTTCID\_PX

48. This field contains TTCID for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

## HESYEARPRG\_PX

49. This field contains YEARPRG for the associated instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods. This field is not shown in the instance period file.

## HESSTARTCASE

50. This field categorises the instance period's start date (HESPERIODSTART\_PX) in relation to the 2020-21 academic year and the anniversary of the start date of the instance (COMDATE). If an instance period started up to 14 days before the anniversary of the start date of the instance, it is treated as if it started in the 2020-21 year of instance, provided that it did not end before the anniversary of the start date of the instance. This field is only shown in the instance period file.

| Value | Description   | Definition  |
|-------|---|---|
| 1     | Instance period started before 1 August 2020  | HESPERIODSTART_PX < 1 August 2020   |
| 2     | Instance period started on or after 1 August 2020, and before anniversary of start date (COMDATE) | (HESPERIODSTART_PX < HESANNIV – 14 or HESPERIODEND_PX < HESANNIV) and not above |
| 3     | Instance period started on or after anniversary of start date (COMDATE)                           | HESPERIODSTART_PX ≥ HESANNIV – 14 and not above                                 |

## HESENDCASE

51. This field categorises the instance period's end date (HESPERIODEND\_PX) in relation to the 2020-21 academic year and the anniversary of the start date of the instance (COMDATE). This field is only shown in the instance period file.

| Value | Description                                | Definition                      |
|-------|--|---------------------------------|
| 1     | Instance period ended before 1 August 2020 | HESPERIODEND_PX < 1 August 2020 |

| Value | Description   | Definition   |
|-------|---|--|
| 2     | Instance period ended on or after 1 August 2020, and before anniversary of start date (COMDATE)                           | HESPERIODEND_PX < HESANNIV + 15 and HESPERIODSTART_PX < HESANNIV and not above |
| 3     | Instance period ended on or after anniversary of start date (COMDATE), and before 1 August 2021                           | HESPERIODEND_PX < 1 August 2021 and not above                                  |
| 4     | Instance period ends on or after 1 August 2021, and before anniversary of start date (COMDATE) in following academic year | HESPERIODEND_PX < HESANNIV21 + 15 and not above                                |
| 5     | Instance period ends on or after anniversary of start date (COMDATE) in following academic year                           | HESPERIODEND_PX ≥ HESANNIV21 + 15  |

### HESENDDATE\_IN19

52. This field is the end date of the part of the instance period that occurred in the 2020-21 academic year for the year of instance that started in the 2019-20 academic year. This field is only shown in the instance period file.

| Value           | Description   | Definition                                   |
|-----------------|---|--|
| HESPERIODEND_PX | Instance period ended on or after 1 August 2020, and before anniversary of start date (COMDATE)                     | HESENDCASE = 2                               |
| HESANNIV – 1    | Instance period started before anniversary of start date (COMDATE), and ended on or after anniversary of start date | HESSTARTCASE = 1, 2 and HESENDCASE = 3, 4, 5 |
| BLANK           | Instance period started on or after anniversary of start date (COMDATE), or ended before 1 August 2020              | Otherwise                                    |

### HESSTARTDATE\_AC20

53. This field is the start date of the part of the instance period that occurred in the 2020-21 academic year. This field is only shown in the instance period file.

| Value             | Description   | Definition                                   |
|-------------------|---|--|
| 01/08/2020        | Instance period started before 1 August 2020, and ended on or after 1 August 2020 | HESSTARTCASE = 1 and HESENDCASE = 2, 3, 4, 5 |
| HESPERIODSTART_PX | Instance period started on or after 1 August 2020                                 | HESSTARTCASE = 2, 3                          |
| BLANK             | Instance period ended before 1 August 2020  | Otherwise                                    |

## HESENDDATE\_AC20

54. This field is the end date of the part of the instance period that occurred in the 2020-21 academic year and in the 2020-21 year of instance. This field is only shown in the instance period file.

| Value           | Description   | Definition        |
|-----------------|---|-------------------|
| HESPERIODEND_PX | Instance period ended on or after anniversary of start date (COMDATE), and before 1 August 2021 | HESENDCASE = 3    |
| 31/07/2021      | Instance period ends on or after 1 August 2021  | HESENDCASE = 4, 5 |
| BLANK           | Instance period ended before anniversary of start date (COMDATE)                                | Otherwise         |

## HESSTARTDATE\_IN20

55. This field is the start date of the part of the instance period that occurred in the 2020-21 year of instance. This field is only shown in the instance period file.

| Value             | Description  | Definition                                   |
|-------------------|--|--|
| HESANNIV          | Instance period started before anniversary of start date (COMDATE), and ends on or after anniversary of start date | HESSTARTCASE = 1, 2 and HESENDCASE = 3, 4, 5 |
| HESPERIODSTART_PX | Instance period started on or after anniversary of start date (COMDATE)  | HESSTARTCASE = 3                             |
| BLANK             | Instance period ended before anniversary of start date (COMDATE)   | Otherwise                                    |

## HESENDDATE\_IN20

56. This field is the end date of the part of the instance period that occurs in the 2021-22 academic year, but in the 2020-21 year of instance. This field is only shown in the instance period file.

| Value           | Description   | Definition     |
|-----------------|---|----------------|
| HESPERIODEND_PX | Instance period ends on or after 1 August 2021, and before anniversary of start date (COMDATE) in following academic year | HESENDCASE = 4 |
| HESANNIV21 – 1  | Instance period ends on or after anniversary of start date (COMDATE) in following academic year                           | HESENDCASE = 5 |
| BLANK           | Instance period ended before 1 August 2021  | Otherwise      |

## HESESFTE\_1

57. This field contains the estimated FTE for the part of the instance period that occurred in the 2020-21 academic year and the 2020-21 year of instance. This field is only shown in the instance period file.

| Value   | Description  | Definition           |
|---|--|----------------------|
| $\frac{(((\text{HESENDDATE\_AC20} - \text{HESSTARTDATE\_IN20}) + 1) / ((\text{HESENDDATE\_AC20} - \text{HESSTARTDATE\_AC20}) + 1)) \times \text{HESSTULOAD\_PX}}$ | Estimated FTE for 2020-21 year of instance between anniversary of start date (COMDATE) and 31 July 2021, inclusive | HESENDCASE = 3, 4, 5 |
| 0   | No FTE because instance period ended before anniversary of start date (COMDATE)                                    | Otherwise            |

## HESESFTE\_2

58. This field contains the estimated FTE for the part of the instance period that occurs in the 2021-22 academic year, but in the 2020-21 year of instance. This field is only shown in the instance period file.

| Value  | Description   | Definition        |
|--|---|-------------------|
| $\frac{(((\text{HESENDDATE\_IN20} - 01/08/2021) + 1) / ((31/07/2021 - \text{HESSTARTDATE\_IN20}) + 1)) \times \text{HESESFTE\_1}}$ | Estimated FTE for 2020-21 year of instance between 1 August 2021 and day before anniversary of start date (COMDATE) in following academic year, inclusive | HESENDCASE = 4, 5 |
| 0  | No FTE because instance period ended before 1 August 2021   | Otherwise         |

## HESESFTE\_3\_IN19

59. This field contains the estimated FTE for the part of the instance period that occurred in the 2020-21 academic year, but in the 2019-20 year of instance, for instance periods that started on or after 1 August 2020. This field is only shown in the instance period file.

| Value         | Description   | Definition                          |
|---------------|---|-------------------------------------|
| HESSTULOAD_PX | Estimated FTE for 2019-20 year of instance between 1 August 2020 and day before anniversary of start date (COMDATE), inclusive, if instance period started on or after 1 August 2020 and ended before anniversary of start date | HESSTARTCASE = 2 and HESENDCASE = 2 |

| Value   | Description  | Definition                               |
|---|--|--|
| $((\text{HESENDDATE\_IN19} - \text{HESSTARTDATE\_AC20}) + 1) / ((\text{HESENDDATE\_AC20} - \text{HESSTARTDATE\_IN20}) + 1) \times \text{HESESFTE\_1}$ | Estimated FTE for 2019-20 year of instance between 1 August 2020 and day before anniversary of start date (COMDATE), inclusive, if instance period started on or after 1 August 2020 and before anniversary of start date, and ended on or after anniversary of start date | HESSTARTCASE = 2 and HESEDCASE = 3, 4, 5 |
| 0   | No FTE because instance period started on or after anniversary of start date (COMDATE), or before 1 August 2020  | Otherwise                                |

## Instance period exclusions

60. Each instance period is assessed to determine whether it is included in the HESES20 population. The following derived fields explain the reasons for an instance period being excluded.

### HESEXCL1\_PX

61. Field indicating that a course aim of National Vocational Qualification (NVQ) or Qualified Teacher Status (QTS) only, or visiting students, is associated with the instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

| Value | Description  | Definition   |
|-------|--|--|
| 1     | NVQ or QTS only or visiting student course aim associated with the instance period | HESCOURSEAIM_PX = C43, E40, H43, H91, I71, I91, J43, J45, L91, M43, M45, M91 |
| 0     | Otherwise  | Otherwise  |

### HESEXCL2\_PX

62. Field indicating instance period with no qualification aim. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

| Value | Description  | Definition                                |
|-------|--|---|
| 1     | No qualification aim associated with the instance period | HESCOURSEAIM_PX = C99, H99, I99, J99, M99 |
| 0     | Otherwise  | Otherwise                                 |

## HESEXCL4\_PX

63. Field indicating student is taught mostly outside of the UK for the instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

| Value | Description  | Definition   |
|-------|--|--|
| 1     | Student taught mostly outside the UK for the instance period | HESLOCSDY_PX = S and<br>HESMSTUFEE_PX ≠ 02, 03, 04, 52, 53, 54 |
| 0     | Otherwise  | Otherwise  |

## HESEXCL8\_PX

64. Field indicating student is dormant, on sabbatical or writing up for the instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

| Value | Description   | Definition                                  |
|-------|---|---|
| 1     | Student who is dormant, on sabbatical or writing up for the instance period | HESMODE_PX = 43, 44 or<br>HESSTULOAD_PX = 0 |
| 0     | Otherwise   | Otherwise                                   |

## HESEXCL16\_PX

65. Field indicating incoming exchange student for the instance period. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

| Value | Description                                       | Definition        |
|-------|---|-------------------|
| 1     | Incoming exchange student for the instance period | HESEXCHIND_PX = 1 |
| 0     | Otherwise   | Otherwise         |

## HESEXCL32\_PX

66. Field indicating that the instance period started before 1 August 2020 (i.e. before the 2020-21 academic year) and ended before the anniversary of the start date (COMDATE) of the instance (i.e. before the 2020-21 year of instance). The individualised file shows the value of this field for the top three ranked instance periods.

| Value | Description  | Definition                                 |
|-------|--|--|
| 1     | Started before 2020-21 academic year and ended before 2020-21 year of instance | HESSTARTCASE = 1 and<br>HESEND_CASE = 1, 2 |
| 0     | Otherwise  | Otherwise                                  |

## HESEXCL\_PX

67. This field indicates whether the instance period is included in the HESES20 population. For instance periods excluded from the population, HESEXCL\_PX contains the sum of all applicable values from the table below. X is equal to the value of HESPERIODNUM. The individualised file shows the value of this field for the top three ranked instance periods.

| Value | Description  | Definition        |
|-------|--|-------------------|
| 1     | NVQ or QTS only or visiting student course aim associated with the instance period | HESEXCL1_PX = 1   |
| 2     | No qualification aim associated with the instance period                           | HESEXCL2_PX = 1   |
| 4     | Student taught mostly outside the UK for the instance period                       | HESEXCL4_PX = 1   |
| 8     | Student who is dormant, on sabbatical or writing up for the instance period        | HESEXCL8_PX = 1   |
| 16    | Incoming exchange student for the instance period                                  | HESEXCL16_PX = 1  |
| 32    | Started before 2020-21 academic year and ended before 2020-21 year of instance     | HESEXCL32_PX = 1  |
| 0     | Otherwise  | None of the above |

68. This field contains the exclusion reason(s) for the instance period. It is calculated as  $(1 \times \text{HESEXCL1\_PX}) + (2 \times \text{HESEXCL2\_PX}) + \dots + (32 \times \text{HESEXCL32\_PX})$ . The reason(s) which contribute to the exclusion of an instance period can therefore be calculated. For example, if HESEXCL\_PX = 10, by subtracting figures from the above table and starting at the bottom, we see that the instance period is associated with a student who is dormant, on sabbatical or writing up (HESEXCL8\_PX = 1) and that there is no qualification aim associated with the instance period (HESEXCL2\_PX = 1).

## Instance derived fields

69. The instance period with (HESPERIODNUM = 1) is used in the algorithms for the instance derived fields. Some of these derived fields are shown in the instance period file as well as the individualised file; these are: HESANNIV, HESANNIV21, HESCOMP, HESEXCL, HESHEALTHPOP, HESHEALTHPROF1-2, HESHEALTHPROP1-2, HESHEALTHYEAR, HESLENGTH, HESLEVEL, HESMODE, HESPRGA-D, HESREG and HESTYPE.

### HESANNIV

70. This field contains the anniversary of the start date (COMDATE) in the current academic year.

### HESANNIV21

71. This field contains the anniversary of the start date (COMDATE) in the following academic year. This field is only shown in the instance period file.

## HESREG

72. This field assigns students to Column 1 or 2 of Tables 1 to 3 of the HESES recreation.

| Value | Description      | Definition                 |
|-------|------------------|----------------------------|
| 1     | Column 1 student | HESANNIV < 2 December 2020 |
| 2     | Column 2 student | Otherwise                  |

## HESMODE

73. This field allocates students to a mode of study.

| Value | Description       | Definition  |
|-------|-------------------|---|
| FTS   | Full-time         | HESMODE_P1 = 01 or<br>(HESMODE_P1 = 23, 24 and<br>HESLOCSDY_P1 ≠ D) |
| SWOUT | Sandwich year out | HESMODE_P1 = 23, 24 and<br>HESLOCSDY_P1 = D                         |
| PT    | Part-time         | Otherwise   |

## HESHEALTHPROF1-2

74. These fields identify the profession(s) of a nursing, midwifery and allied health course.

| Value  | Description                   | Definition          |
|--------|-------------------------------|---------------------|
| DENTHE | Dental therapy                | HESREGBODYX_P1 = 36 |
| DENHYG | Dental hygiene                | HESREGBODYX_P1 = 37 |
| DIETET | Dietetics                     | HESREGBODYX_P1 = 44 |
| NURSUN | Nursing - unclassified        | HESREGBODYX_P1 = 06 |
| NURSAD | Nursing - adult               | HESREGBODYX_P1 = 61 |
| NURSCH | Nursing - children            | HESREGBODYX_P1 = 62 |
| NURSLD | Nursing - learning disability | HESREGBODYX_P1 = 63 |
| NURSMH | Nursing - mental health       | HESREGBODYX_P1 = 64 |
| MIDWIF | Midwifery                     | HESREGBODYX_P1 = 65 |
| OCCTHE | Occupational therapy          | HESREGBODYX_P1 = 46 |
| OPDEPT | Operating department practice | HESREGBODYX_P1 = 47 |
| ORTHOP | Orthoptics                    | HESREGBODYX_P1 = 48 |
| ORTPRO | Orthotics and prosthetics     | HESREGBODYX_P1 = 52 |
| PHYSIO | Physiotherapy                 | HESREGBODYX_P1 = 50 |
| PODCHI | Podiatry                      | HESREGBODYX_P1 = 42 |
| RADTHE | Radiography (therapeutic)     | HESREGBODYX_P1 = 56 |
| RADDIA | Radiography (diagnostic)      | HESREGBODYX_P1 = 57 |



| Value  | Description                 | Definition          |
|--------|-----------------------------|---------------------|
| SPELAN | Speech and language therapy | HESREGBODYX_P1 = 55 |
| BLANK  | Otherwise                   | Otherwise           |

## HESLEVEL

75. This field allocates students to a level of study.

| Value   | Description   | Definition   |
|---------|---|--|
| UG      | Undergraduate   | FUNDLEV = 10, 11   |
| PGT_UGF | Postgraduate taught and eligible under the undergraduate student support regime | FUNDLEV = 20, 21 and<br>(HESTTCID_P1 = 1, 2, Q or<br>HESCOURSEAIM_P1 = H88 or<br>(HESCOURSEAIM_P1 = M88 and<br>HESINITIATIVES1_P1 ≠ U and<br>HESINITIATIVES2_P1 ≠ U and<br>HESINITIATIVES3_P1 ≠ U) or<br>(HESCOURSEAIM_P1 = M16, M86, H62 and<br>(HESHEALTHPROF1 ≠ BLANK or<br>HESHEALTHPROF2 ≠ BLANK))) |
| PGT_ML  | Postgraduate taught course eligible for masters' loans                          | FUNDLEV = 20, 21 and<br>(HESCOURSEAIM_P1 = M00, M01, M02, M10, M11, M88 or<br>(HESCOURSEAIM_P1 = M16 and<br>HESHEALTHPROF1 = BLANK and<br>HESHEALTHPROF2 = BLANK)) and<br>(HESINITIATIVES1_P1 = U or HESINITIATIVES2_P1 = U or<br>HESINITIATIVES3_P1 = U)  |
| PGT_OTH | Postgraduate taught course that does not fall under the previous two categories | FUNDLEV = 20, 21<br>and not above  |
| PGR     | Postgraduate research   | FUNDLEV = 30, 31   |

## HESEC

76. This field indicates whether a student has a UK, other Home and EU, or other domicile.

| Value | Description                 | Definition  |
|-------|-----------------------------|---|
| UK    | UK-domiciled                | DOMICILE = XF, XG, XH, XI, XK   |
| OEU   | Other Home and EU domiciled | DOMICILE = AI, AN, AT, AW, AX, BE, BG, BL, BM, BQ, CH, CW, CZ, DE, DK, EE, ES, EU, FI, FK, FO, FR, GF, GI, GL, GP, GR, GS, HR, HU, IC, IE, IS, IT, KY, LI, LT, LU, LV, MF, MQ, MS, MT, NC, NL, NO, PF, PL, PM, PN, PT, RE, RO, SE, SH, SI, SK, SX, TC, VG, WF, XA, YT |
| OTHER | Otherwise                   | Otherwise   |

## HESTYPE

77. This field allocates students to the three categories of fundability and residential status.

| Value  | Description              | Definition  |
|--------|--------------------------|---|
| HOMENF | Home and EU non-fundable | (FUNDCODE = 1 and HESLEVEL = PGR) or (FUNDCODE = 2, 5, 7 and HESEC = UK, OEU) |
| HOMEF  | Home and EU fundable     | FUNDCODE = 1 and not above  |
| ISOV   | Island and overseas      | Otherwise   |

## HESRESSTAT

78. This field allocates students to the five categories of fundability and residential status.

| Value      | Description                     | Definition                      |
|------------|---------------------------------|---------------------------------|
| HOMEF_UK   | Fundable, UK-domiciled          | HESTYPE = HOMEF and HESEC = UK  |
| HOMEF_OTH  | Fundable, other Home and EU     | HESTYPE = HOMEF and not above   |
| HOMENF_UK  | Non-fundable, UK-domiciled      | HESTYPE = HOMENF and HESEC = UK |
| HOMENF_OTH | Non-fundable, other Home and EU | HESTYPE = HOMENF and not above  |
| ISOV       | Island and overseas             | HESTYPE = ISOV                  |

## HESLENGTH

79. This field indicates whether the student is on a standard or long year of instance.

| Value | Description | Definition           |
|-------|-------------|----------------------|
| L     | Long        | FUNDLEV = 11, 21, 31 |
| S     | Standard    | Otherwise            |

## HESCOMP

80. This field assigns students to Column 3 or 4 of Tables 1 to 3 of the HESES recreation.

| Value | Description      | Definition   |
|-------|------------------|--------------|
| 3     | Column 3 student | FUNDCOMP = 2 |
| 4     | Column 4 student | Otherwise    |

## HESCRSELGTH

81. This field contains the expected length of the course in whole numbers of years. Expected course lengths that contain a fraction of a year that exceeds two weeks are rounded up to the next whole year. Otherwise the value is rounded down to the nearest whole year, except where the expected course length is less than one year – such expected course lengths will be rounded up to one year. For example, an expected length of course that is one year and three

weeks will be rounded up to two years. An expected length of course that is one year and one week will be rounded down to one year.

| Value        | Definition   |
|--------------|--------------|
| SLENGTH      | UNITLGTH = 1 |
| SLENGTH / 12 | UNITLGTH = 2 |
| SLENGTH / 52 | UNITLGTH = 3 |
| 6            | UNITLGTH = 9 |
| 1            | Otherwise    |

## HESMDV

82. This field identifies undergraduate pre-clinical and clinical medicine, dentistry and veterinary science students.

| Value | Description   | Definition   |
|-------|---|--|
| UMED  | Undergraduate pre-clinical or clinical medicine student           | HESLEVEL = UG and HESCOURSEAIM_P1 = H16, I16, M26 and HESREGBODY1_P1 = 01  |
| UDEN  | Undergraduate pre-clinical or clinical dentistry student          | HESLEVEL = UG and HESCOURSEAIM_P1 = H16, I16, M26 and HESREGBODY1_P1 = 30  |
| UVET  | Undergraduate pre-clinical or clinical veterinary science student | HESLEVEL = UG and HESCOURSEAIM_P1 = H16, I16, M26 and HESREGBODY1_P1 = 14 and (HESBJCA1_P1 = 100531, 101347, 101384 or HESBJCA2_P1 = 100531, 101347, 101384 or HESBJCA3_P1 = 100531, 101347, 101384 or HESBJCA4_P1 = 100531, 101347, 101384 or HESBJCA5_P1 = 100531, 101347, 101384) |
| OTH   | Otherwise   | Otherwise  |

## HESCLIN

83. This field identifies clinical medicine, dentistry and veterinary science students who are assigned to price group A.

| Value | Description  | Definition   |
|-------|--|--|
| 1     | Undergraduate clinical medicine, dentistry or veterinary science student assigned to price group A | (HESMDV = UMED and (HESCRSELGTH – HESYEARPRG_P1) = 0, 1, 2) or (HESMDV = UDEN and (HESCRSELGTH – HESYEARPRG_P1) = 0, 1, 2, 3) or (HESMDV = UVET and (HESCRSELGTH – HESYEARPRG_P1) = 0, 1, 2, 3, 4) |

| Value | Description   | Definition  |
|-------|---|---|
| 2     | Postgraduate clinical medicine or dentistry student assigned to price group A | HESLEVEL = PGR, PGT_ML, PGT_OTH, PGT_UGF and<br>(HESSBJCA1_P1 = 100266, 100267, 100494 or<br>HESSBJCA2_P1 = 100266, 100267, 100494 or<br>HESSBJCA3_P1 = 100266, 100267, 100494 or<br>HESSBJCA4_P1 = 100266, 100267, 100494 or<br>HESSBJCA5_P1 = 100266, 100267, 100494) |
| 3     | Postgraduate clinical veterinary science student assigned to price group A    | HESLEVEL = PGR, PGT_ML, PGT_OTH, PGT_UGF and<br>(HESSBJCA1_P1 = 100531, 101347 or<br>HESSBJCA2_P1 = 100531, 101347 or<br>HESSBJCA3_P1 = 100531, 101347 or<br>HESSBJCA4_P1 = 100531, 101347 or<br>HESSBJCA5_P1 = 100531, 101347)   |
| 0     | Otherwise   | Otherwise   |

### HESPRGA, HESPRGB, HESPRGC1, HESPRGC2, HESPRGD

84. The proportion of activity in each price group. The Common Aggregation Hierarchy (CAH) codes listed include all sub-levels, unless otherwise stated.

| Field name | Definition  | Value |
|------------|---|-------|
| HESPRGC2   | HESMODE = SWOUT   | 1     |
| HESPRGA    | HESCLIN = 1, 2, 3 or<br>(HESCOURSEAIM_P1 = H16, H62, I16, J26,<br>M16, M26, M86 and<br>(HESHEALTHPROF1 = DENHYG, DENTHE or<br>HESHEALTHPROF2 = DENHYG, DENTHE))<br>and not above  | 1     |
| HESPRGB    | HESCOURSEAIM_P1 = H16, H62, I16, J26,<br>M16, M26, M86 and<br>(HESHEALTHPROF1 = DIETET, MIDWIF, OCCTHE,<br>OPDEPT, ORTHOP, ORTPRO, PHYSIO, PODCHI,<br>RADTHE, RADDIA, SPELAN or<br>HESHEALTHPROF2 = DIETET, MIDWIF,<br>OCCTHE, OPDEPT, ORTHOP, ORTPRO,<br>PHYSIO, PODCHI, RADTHE, RADDIA,<br>SPELAN)<br>and not above | 1     |
| HESPRGC1   | HESCOURSEAIM_P1 = H16, H62, I16, J26,<br>M16, M26, M86 and<br>(HESHEALTHPROF1 = NURSUN, NURSAD, NURSCH,<br>NURSLD, NURSMH or<br>HESHEALTHPROF2 = NURSUN, NURSAD,<br>NURSCH, NURSLD, NURSMH)<br>and not above  | 1     |
| HESPRGC2   | HESTTCID_P1 = 1, 2, 5, Q or<br>HESREGBODY1_P1 = 16 or<br>HESREGBODY2_P1 = 16<br>and not above   | 1     |

| Field name | Definition  | Value  |
|------------|---|--|
| HESPRGB    | <p>HESBJCAX_P1 corresponds to one of the following Common Aggregation Hierarchy codes:</p> <p>CAH01, CAH02-02, CAH02-05, CAH02-06-01, CAH02-06-02, CAH02-06-03, CAH02-06-06 (only when HESBJCAX_P1 = 100241, 100243), CAH03-01-01, CAH03-01-02, CAH03-01-03, CAH03-01-04, CAH03-01-05, CAH03-01-06, CAH03-01-07, CAH03-01-08, CAH03-01-10, CAH05, CAH06-01-01, CAH06-01-02, CAH06-01-03, CAH06-01-05, CAH06-01-07, CAH07, CAH10-01-01, CAH10-01-02, CAH10-01-03 (only when HESBJCAX_P1 = 100152, 100170, 100193, 100201, 100202, 100205, 100206, 100209, 100211, 101397, 101398), CAH10-01-04, CAH10-01-05, CAH10-01-06, CAH10-01-07 (only when HESBJCAX_P1 = 100120, 100148, 100153, 100154, 100156, 100157, 100180, 100551, 100565), CAH10-01-08, CAH10-01-09, CAH10-01-10, CAH10-03-01, CAH10-03-02, CAH10-03-03, CAH10-03-04, CAH10-03-05, CAH10-03-06 (only when HESBJCAX_P1 = 100186, 100222, 100230, 100560, 101356), CAH10-03-07, CAH15-01-04 (only when HESBJCAX_P1 = 101218), CAH26-01-04, CAH26-01-06</p> <p>and not above</p> | <p>Sum of HESBJPCNT1_P1, HESBJPCNT2_P1, HESBJPCNT3_P1, HESBJPCNT4_P1, HESBJPCNT5_P1 divided by 100</p> |
| HESPRGC1   | <p>HESBJCAX_P1 corresponds to one of the following Common Aggregation Hierarchy codes:</p> <p>CAH10-01-03 (only when HESBJCAX_P1 = 100109, 100110), CAH11, CAH20-01-03, CAH24-01-01, CAH24-01-03, CAH24-01-04, CAH24-01-05, CAH25, CAH26-01-05 (only when HESBJCAX_P1 = 100369)</p> <p>and not above</p>  | <p>Sum of HESBJPCNT1_P1, HESBJPCNT2_P1, HESBJPCNT3_P1, HESBJPCNT4_P1, HESBJPCNT5_P1 divided by 100</p> |
| HESPRGC2   | <p>HESBJCAX_P1 corresponds to one of the following Common Aggregation Hierarchy codes:</p> <p>CAH02-04, CAH02-06-04, CAH02-06-05, CAH02-06-06 (only when HESBJCAX_P1 = 100233, 100234, 100235, 100236, 100237, 100239, 100242, 100253, 100739, 101241, 101340, 101375), CAH02-06-07, CAH03-01-09, CAH03-02, CAH04, CAH06-01-06, CAH06-01-08, CAH09, CAH10-01-03 (only when HESBJCAX_P1 = 100213), CAH10-01-07 (only when HESBJCAX_P1 = 100219, 100548, 100549, 101048), CAH10-03-06 (only when HESBJCAX_P1 = 100093), CAH13, CAH15-04-03, CAH17-01-06, CAH19-04-01, CAH19-04-02, CAH19-04-03, CAH19-04-04, CAH19-04-05, CAH19-04-06, CAH19-04-07, CAH19-04-09, CAH26-01-01, CAH26-01-02, CAH26-01-03, CAH26-01-05 (only when HESBJCAX_P1 = 101056)</p> <p>and not above</p>   | <p>Sum of HESBJPCNT1_P1, HESBJPCNT2_P1, HESBJPCNT3_P1, HESBJPCNT4_P1, HESBJPCNT5_P1 divided by 100</p> |

| Field name | Definition   | Value  |
|------------|--|--|
| HESPRGD    | <p>HESBJCAX_P1 corresponds to one of the following Common Aggregation Hierarchy codes:</p> <p>CAH06-01-04, CAH15-01-01, CAH15-01-02, CAH15-01-03, CAH15-01-04 (only when HESBJCAX_P1 = 100436, 100437, 100663), CAH15-01-05, CAH15-01-06, CAH15-02, CAH15-03, CAH15-04-01, CAH15-04-02, CAH16, CAH17-01-01, CAH17-01-02, CAH17-01-03, CAH17-01-04, CAH17-01-05, CAH17-01-07, CAH17-01-08, CAH17-01-09, CAH19-01, CAH19-02, CAH19-04-08, CAH20-01-01, CAH20-01-02, CAH20-01-04, CAH20-01-05, CAH20-02, CAH22, CAH23, CAH24-01-02</p> <p>and not above</p> | Sum of HESSBJPCNT1_P1, HESSBJPCNT2_P1, HESSBJPCNT3_P1, HESSBJPCNT4_P1, HESSBJPCNT5_P1 divided by 100 |

## HESBROADLEVEL

85. This field shows the broad level of study in 2020-21 for the purpose of determining new entrant status.

| Value | Description           | Definition                          |
|-------|-----------------------|-------------------------------------|
| UG    | Undergraduate         | HESLEVEL = UG                       |
| PGT   | Postgraduate taught   | HESLEVEL = PGT_UGF, PGT_ML, PGT_OTH |
| PGR   | Postgraduate research | HESLEVEL = PGR                      |

## HESUG18

86. This field indicates how many undergraduate taught years of instance for a higher education course recognised for OfS funding purposes were associated with the UKPRN and HUSID in the 2018-19 HESA AP Student record (HESLEVEL in 2018-19 = UG and HESEXCL in 2018-19 = 0). This field will be blank if no HESA AP Student data is available for the provider in 2018-19.

## HESUG19

87. This field indicates how many undergraduate taught years of instance for a higher education course recognised for OfS funding purposes were associated with the UKPRN and HUSID in the 2019-20 HESA Student Alternative record (HESLEVEL in 2019-20 = UG and HESEXCL in 2019-20 = 0). This field will be blank if no HESA Student Alternative data is available for the provider in 2019-20.

## HESPGT18

88. This field indicates how many postgraduate taught years of instance for a higher education course recognised for OfS funding purposes were associated with the UKPRN and HUSID in the 2018-19 HESA AP Student record (HESLEVEL in 2018-19 = PGT\_ML, PGT\_OTH, PGT\_UGF and HESEXCL in 2018-19 = 0). This field will be blank if no HESA AP Student data is available for the provider in 2018-19.

## HESPGT19

89. This field indicates how many postgraduate taught years of instance for a higher education course recognised for OfS funding purposes were associated with the UKPRN and HUSID in the 2019-20 HESA Student Alternative record (HESLEVEL in 2019-20 = PGT\_ML, PGT\_OTH, PGT\_UGF and HESEXCL in 2019-20 = 0). This field will be blank if no HESA Student Alternative data is available for the provider in 2019-20.

## HESPGR18

90. This field indicates how many postgraduate research years of instance for a higher education course recognised for OfS funding purposes were associated with the UKPRN and HUSID in the 2018-19 HESA AP Student record (HESLEVEL in 2018-19 = PGR and HESEXCL in 2018-19 = 0). This field will be blank if no HESA AP Student data is available for the provider in 2018-19.

## HESPGR19

91. This field indicates how many postgraduate research years of instance for a higher education course recognised for OfS funding purposes were associated with the UKPRN and HUSID in the 2019-20 HESA Student Alternative record (HESLEVEL in 2019-20 = PGR and HESEXCL in 2019-20 = 0). This field will be blank if no HESA Student Alternative data is available for the provider in 2019-20.

## HESNEWENTRANT

92. This field indicates whether the student is a new entrant.

| Value | Description   | Definition  |
|-------|---|---|
| 1     | Has not been active at the same broad level at the registering provider in either of the two previous academic years, linked by UKPRN and HUSID | COMDATE > 31 July 2020 and HESEXCL = 0 and ((HESBROADLEVEL = UG and HESUG18 = 0, BLANK and HESUG19 = 0, BLANK) or (HESBROADLEVEL = PGT and HESPGT18 = 0, BLANK and HESPGT19 = 0, BLANK) or (HESBROADLEVEL = PGR and HESPGR18 = 0, BLANK and HESPGR19 = 0, BLANK)) |
| 0     | Otherwise   | Otherwise   |

93. Where a student starts more than one instance at the same broad level in the same academic year, and could be considered as a new entrant for each instance, they will be recorded as a new entrant for only one. If one such instance has an earlier start date than the others, the student will be recorded as a new entrant for that instance.

## HESHEALTHPROP1

94. This field shows the proportion of the student's activity that is allocated to the health profession shown in HESHEALTHPROP1.

| Value | Definition   |
|-------|--|
| 1     | (HESHEALTHPROP1 ≠ BLANK and HESHEALTHPROP2 = BLANK) or HESHEALTHPROP1 = DENTHE |
| 0.5   | HESHEALTHPROP1 ≠ BLANK and HESHEALTHPROP2 ≠ BLANK, DENTHE and not above        |
| 0     | Otherwise  |

## HESHEALTHPROP2

95. This field shows the proportion of the student's activity that is allocated to the health profession shown in HESHEALTHPROP2.

| Value | Definition   |
|-------|--|
| 1     | (HESHEALTHPROP1 = BLANK and HESHEALTHPROP2 ≠ BLANK) or HESHEALTHPROP2 = DENTHE |
| 0.5   | HESHEALTHPROP1 ≠ BLANK, DENTHE and HESHEALTHPROP2 ≠ BLANK and not above        |
| 0     | Otherwise  |

## HESHEALTHYEAR

96. This field identifies whether the student started their course in 2020-21 or another academic year.

| Value   | Description                                  | Definition   |
|---------|--|--|
| 2020-21 | Student started in the 2020-21 academic year | COMDATE > 31 July 2020 and COMDATE < 1 August 2021 |
| OTHER   | Otherwise                                    | Otherwise  |

## HESHEALTHPOP

97. This field identifies students that will be included in Tables 6a, 6b and 6c. The population is defined in the HES20 guidance (Annex L, paragraph 2).

| Value | Description                      | Definition  |
|-------|----------------------------------|---|
| 1     | Included in Tables 6a, 6b and 6c | HESEXCL = 0 and HESCOURSEAIM_P1 = H16, H62, I16, J26, M16, M26, M86 and HESLEVEL = UG, PGT_UGF and HESTYPE = HOMEF, HOMENF and (HESHEALTHPROP1 ≠ BLANK or HESHEALTHPROP2 ≠ BLANK) |
| 0     | Otherwise                        | Otherwise   |



## HESDISALL

98. This field indicates whether the student is receiving Disabled Students' Allowances. This field is not used in the HESES20 comparison, but may be used in the 2022-23 Student access and success allocation.

| Value | Description                                       | Definition                                 |
|-------|---|--|
| 1     | Student is receiving Disabled Students' Allowance | At least one HESDISALL_PX <sup>†</sup> = 4 |
| 0     | Otherwise   | Otherwise                                  |

<sup>†</sup> This refers to all instance periods beyond the three that are shown.

## HESSTULOAD

99. This field is the sum of all values in HESSTULOAD\_PX, across all instance periods.

## Instance exclusions

100. The instance is assessed to determine whether it is included in the HESES20 population. The following derived fields explain the reasons for an instance being excluded.

### HESEXCL1

101. Field indicating students who have left prior to the start of the academic year.

| Value | Description                         | Definition                                  |
|-------|-------------------------------------|---|
| 1     | Student not active in academic year | ENDDATE ≠ BLANK and ENDDATE < 1 August 2020 |
| 0     | Otherwise                           | Otherwise                                   |

### HESEXCL2

102. Field indicating National Vocational Qualification (NVQ) or Qualified Teacher Status (QTS) only or visiting students.

| Value | Description   | Definition      |
|-------|---|-----------------|
| 1     | NVQ or QTS only or visiting student course aim associated with the first ranked instance period | HESEXCL1_P1 = 1 |
| 0     | Otherwise   | Otherwise       |

### HESEXCL4

103. Field indicating students with no qualification aim.

| Value | Description   | Definition      |
|-------|---|-----------------|
| 1     | No qualification aim associated with the first ranked instance period | HESEXCL2_P1 = 1 |
| 0     | Otherwise   | Otherwise       |

## HESEXCL8

104. Field indicating students explicitly excluded from the HESES population.

| Value | Description   | Definition                   |
|-------|---|------------------------------|
| 1     | Student explicitly excluded from the HESES population | FUNDLEV = 99 or FUNDCOMP = 9 |
| 0     | Otherwise   | Otherwise                    |

## HESEXCL16

105. Field indicating students who are mostly taught outside of the UK.

| Value | Description  | Definition      |
|-------|--|-----------------|
| 1     | Student taught mostly outside of the UK for the first ranked instance period | HESEXCL4_P1 = 1 |
| 0     | Otherwise  | Otherwise       |

## HESEXCL32

106. Field indicating students who are dormant, sabbatical or writing up.

| Value | Description   | Definition      |
|-------|---|-----------------|
| 1     | Student who is dormant, sabbatical or writing up for the first ranked instance period | HESEXCL8_P1 = 1 |
| 0     | Otherwise   | Otherwise       |

## HESEXCL64

107. Field indicating incoming exchange students.

| Value | Description  | Definition       |
|-------|--|------------------|
| 1     | Incoming exchange student for the first ranked instance period | HESEXCL16_P1 = 1 |
| 0     | Otherwise  | Otherwise        |

## HESEXCL128

108. Field indicating students with a total FTE of less than 3. HESESFTE\_INCLEST in the algorithm below is the sum of the values of HESESFTE\_INCLEST for all instance periods included in the HESES20 population, which can be found by filtering the instance period file. The instance must have at least one instance period included in the HESES20 population (HESEXCL\_P1 = 0).

| Value | Description                             | Definition   |
|-------|---|--|
| 1     | Student with a total FTE of less than 3 | (HESMODE = PT and HESEXCL_P1 = 0 and HESESFTE_INCLEST < 3) or HESEXCL32_P1 = 1 |

| Value | Description | Definition |
|-------|-------------|------------|
| 0     | Otherwise   | Otherwise  |

### HESEXCL256

109. Field indicating students on non-standard years of instance in their final year of study.

| Value | Description   | Definition                                  |
|-------|---|---|
| 1     | Student on a non-standard year of instance in their final year of study | ENDDATE < HESANNIV + 14 and ENDDATE ≠ BLANK |
| 0     | Otherwise   | Otherwise                                   |

### HESEXCL512

110. Field indicating students who withdrew before 2 December 2020 or left within 14 days of starting the instance without completing.

| Value | Description  | Definition   |
|-------|--|--|
| 1     | Student who withdrew before 2 December 2020 or left within 14 days of starting the instance without completing | ENDDATE ≠ BLANK and (ENDDATE < 2 December 2020 or ENDDATE – COMDATE < 14) and FUNDCOMP = 2 |
| 0     | Otherwise  | Otherwise  |

### HESEXCL

111. This field indicates whether the instance is included in the HESES20 population. For instances excluded from the population, HESEXCL contains the sum of all applicable values from the table below.

| Value | Description  | Definition        |
|-------|--|-------------------|
| 1     | Student not active in academic year  | HESEXCL1 = 1      |
| 2     | NVQ, QTS only or visiting student  | HESEXCL2 = 1      |
| 4     | Student with no qualification aim  | HESEXCL4 = 1      |
| 8     | Student explicitly excluded from the HESES population  | HESEXCL8 = 1      |
| 16    | Student taught mostly outside of the UK  | HESEXCL16 = 1     |
| 32    | Student who is dormant, sabbatical or writing up   | HESEXCL32 = 1     |
| 64    | Incoming exchange student  | HESEXCL64 = 1     |
| 128   | Student with a total FTE of less than 3  | HESEXCL128 = 1    |
| 256   | Student on non-standard year of instance in final year of study  | HESEXCL256 = 1    |
| 512   | Student who withdrew before 2 December 2020 or left within 14 days of starting the instance without completing | HESEXCL512 = 1    |
| 0     | Otherwise  | None of the above |

112. This field contains the exclusion reason(s) for the instance. It is calculated as  $(1 \times \text{HESEXCL1}) + (2 \times \text{HESEXCL2}) + (4 \times \text{HESEXCL4}) + \dots + (512 \times \text{HESEXCL512})$ . The reason(s) which contribute to the exclusion of an instance can therefore be calculated. For example, if HESEXCL = 516, by subtracting figures from the above table and starting at the bottom, we see that the student withdrew before 2 December 2020 or left within 14 days of starting the instance without completing (HESEXCL512 = 1) and that the student does not have a qualification aim (HESEXCL4 = 1).

## Overrides

### HESOVER

113. This field indicates the primary derived field(s) that have been overridden for the student. For example, if HESOVER = 11, by subtracting figures from the following table starting at the bottom, we see that the student has had overrides for HESMODE (HESOVER = 8), HESREG (HESOVER = 2) and HESEXCL (HESOVER = 1) applied.

| Value | Description   |
|-------|---|
| 1     | Override to HESEXCL   |
| 2     | Override to HESREG  |
| 4     | Override to HESTYPE   |
| 8     | Override to HESMODE   |
| 16    | Override to HESLEVEL  |
| 32    | Override to HESPRGA, HESPRGB, HESPRGC1, HESPRGC2 or HESPRGD |
| 64    | Override to HESNEWENTRANT                                   |
| 128   | Override to HESHEALTHPOP                                    |
| 256   | Override to HESESFTE  |
| 512   | Override to HESLENGTH                                       |
| 1024  | Override to HESHEALTHPROP1/2                                |
| 2048  | Override to HESCOMP   |
| 0     | Otherwise   |

## Estimating FTE

114. The following derived fields estimate the FTE from each instance period for the 2020-21 year of instance. The FTE of a part-time year of instance is estimated from the HESSTULOAD\_PX values of all instance periods of the instance in the 2020-21 academic year that are not excluded by an instance period exclusion field. The HESPERIODSTART\_PX and HESPERIODEND\_PX dates of each instance period are categorised, and the categories are used to calculate the proportion of HESSTULOAD\_PX that can be attributed to the 2020-21 year of instance.

### HESESFTE\_EXCLEST

115. This is the estimated FTE from the instance period for the 2020-21 year of instance. It is the sum of HESESFTE\_1 and HESESFTE\_2. If HESPERIODSTART\_PX indicates that there could

be an instance period in the following academic year which starts before the anniversary of the start date of the instance, the value of this field does not include an estimate of the FTE from this period.

## HESESFTE\_INCLEST

116. This is the estimated FTE from the instance period for the 2020-21 year of instance, plus an estimate of the FTE from an instance period which starts before the anniversary of the start date of the instance in the following academic year, if HESPERIODSTART\_PX indicates that there could be such an instance period in the following academic year. It is the sum of HESESFTE\_1, HESESFTE\_2 and HESESFTE\_3\_IN19.

117. In the instance period file (HES20\_XXXXXXXX\_INSTPER.csv) HESESFTE\_INCLEST is shown as calculated.

118. In the individualised file (HES20\_XXXXXXXX\_IND.csv) HESEXCL\_INCLEST is instead shown as:

| Value   | Definition                                      |
|---|---|
| 100   | HESEXCL = 0 and HESMODE = FTS                   |
| 50  | HESEXCL = 0 and HESMODE = SWOUT                 |
| Sum of HESESFTE_INCLEST for all instance periods included in the HESES20 population for this instance (capped at 100) | HESEXCL = 0 and HESMODE = PT and HESEXCL_PX = 0 |
| 0   | Otherwise                                       |

## FTEA\_EXCLEST, FTB\_EXCLEST, FTEC1\_EXCLEST, FTEC2\_EXCLEST, FTED\_EXCLEST

119. The estimated FTE of the activity assigned to each price group, excluding the estimate of FTE from an instance period starting in the following academic year (where applicable), is contained in the five FTE fields as shown in the table below. These fields are calculated by multiplying the appropriate price group field (HESPRGA, HESPRGB, HESPRGC1, HESPRGC2, HESPRGD) by HESESFTE\_EXCLEST. Note that the contributions to Column 4 are derived from the instance period with (HESPERIODNUM = 1).

| Field         | Definition                  |
|---------------|-----------------------------|
| FTEA_EXCLEST  | HESPRGA x HESESFTE_EXCLEST  |
| FTB_EXCLEST   | HESPRGB x HESESFTE_EXCLEST  |
| FTEC1_EXCLEST | HESPRGC1 x HESESFTE_EXCLEST |
| FTEC2_EXCLEST | HESPRGC2 x HESESFTE_EXCLEST |
| FTED_EXCLEST  | HESPRGD x HESESFTE_EXCLEST  |

**FTEA\_INCLEST, FTED\_INCLEST, FTFC1\_INCLEST, FTFC2\_INCLEST,**

120. The estimated FTE of the activity assigned to each price group, including the estimate of FTE from an instance period starting in the following academic year (where applicable), is contained in the five FTE fields as shown in the table below. These fields are calculated by multiplying the appropriate price group field (HESPRGA, HESPRGB, HESPRGC1, HESPRGC2, HESPRGD) by HESESFTE\_INCLEST. Note that the contributions to Column 4 are derived from the instance period with (HESPERIODNUM = 1).

| Field         | Definition                  |
|---------------|-----------------------------|
| FTEA_INCLEST  | HESPRGA x HESESFTE_INCLEST  |
| FTED_INCLEST  | HESPRGB x HESESFTE_INCLEST  |
| FTFC1_INCLEST | HESPRGC1 x HESESFTE_INCLEST |
| FTFC2_INCLEST | HESPRGC2 x HESESFTE_INCLEST |
| FTED_INCLEST  | HESPRGD x HESESFTE_INCLEST  |



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