Appendix 1
Links between the HESA 2004-05 student record and HESES04

1.   We will use the HESA 2004-05 student record to monitor data returned on HESES04. The description in this appendix is for information only, and details the methods we intend to adopt when re-creating HESES04 data from the HESA 2004-05 student record. The most recent algorithms for generating a HESES re-creation are described in Appendix 1 of '2003-04 statistics derived from HESA data: guide to HEFCE web facility' (HEFCE 2004/29). We do not anticipate changing these methods substantially for the HESES04 re-creation. However, as a result of changes introduced for HESES04 a number of minor amendments will be made, as detailed below.

2.   If we find, either through comparisons with HESA data or any audit, that erroneous data have resulted in institutions receiving incorrect funding allocations, we will adjust their funding accordingly (subject to the appeals process and the availability of funds).

Updates to the algorithms since HEFCE 2004/29

Dates

3.   With the exception of references to 1998, when linking data between years all date-based calculations detailed in Appendix 1 of HEFCE 2004/29 will be rolled forward by one calendar year.

Price groups

4.   Changes to the price group algorithm will be made to reflect the following changes:
- assignment of psychology to price group C
- assignment of computer software engineering to price group C
- assignment of students studying for a foundation degree to become a teaching assistant to price group C
- assignment of sandwich year-out students to price group C
- discontinuation of some cost centres

PRGA, PRGB, PRGC, PRGD, PRGMEDIA, PRGITT, PRGINSET

5.   The proportion of activity in each price group is contained in the seven price group fields given in the table below. The proportion of activity in each price group is calculated by mapping cost centre codes to price groups and summing the values of XPRP101 for each cost centre over each price group. The table below shows the mapping of cost centre codes to price group fields and the value each field will take.

6.   Where FTE from earlier academic years (FTE_CASE = 4, 7a) is used to improve the estimate of HESESFTE, price group allocations are also adjusted to take account of this. The same algorithm as detailed is applied to cost centre information from YRSTULOA to get a price group distribution for the first year. The price group distribution for the re-creation is weighted according to the relative balance of contribution of STULOAD and STULOAYY to HESESFTE. For students on ITT or INSET(QTS) courses, PRGITT and PRGINSET are set respectively.

7.	In some cases the sum of PRGA, PRGB, PRGC, PRGD, PRGMEDIA, PRGITT, PRGINSET may not equal one. In this case we scale PRGA, PRGB, PRGC, PRGD, PRGMEDIA, PRGITT, PRGINSET so that their sum is one.

Field name	Cost centres	Value of field
PRGA	Clinical medicine, dentistry and veterinary science	
PRGB	01[#], 02[#], 03[#], 04, 08, 10, 11, 12, 13, 14 , 16, 17, 18, 19, 20, 21	sum of XPRP101s/100
PRGC	05, 06, 07, 23, 24, 25, 26, 28, 33, 34[†], 36, 37, 38*	sum of XPRP101s/100
PRGD	27, 29, 32, 34[†], 38*, 41, 99	sum of XPRP101s/100
PRGMEDIA	30	sum of XPRP101s/100
PRGITT	Courses of initial teacher training leading to QTS (TTCID = 1, 6, 7)	1
PRGINSET	Courses of in-service education of teachers, where the student has QTS (TTCID = 3)	1

Except those students identified as clinical medicine, dentistry and veterinary science.

† Activity that is ITT but does not lead to QTS (TTCID = 2) is allocated to price group C.

* Some activity in cost centre 38 is assigned to price group C in the re-creation tables.

Medicine, dentistry and veterinary science – undergraduates

8.	Undergraduate medicine, dentistry and veterinary science were assigned to price groups as follows:

Field	Description	Definition	Value of field
PRGA	Clinical medicine	FUNDLEV = 10, 11 and QUALAIM = 18 and REGBODY = 01 and CRSELGTH – YEARPRG = 0, 1, 2 and (SBJQA1* = A3 or SBJQA2* = A3 or SBJQA3* = A3)	1
	Veterinary science	QUALAIM = 18 and REGBODY = 14 and (SBJQA1* = D1, D2 or SBJQA2* = D1, D2 or SBJQA3* = D1, D2)	
	Clinical dentistry	FUNDLEV = 10, 11 and QUALAIM = 18 and REGBODY = 02 and CRSELGTH – YEARPRG = 0, 1, 2, 3 and (SBJQA1* = A4 or SBJQA2* = A4 or SBJQA3* = A4)	
PRGB	Pre-clinical medicine and dentistry	FUNDLEV = 10, 11 and QUALAIM = 18 and REGBODY = 01, 02 and (SBJQA1* = A1, A2 or SBJQA2* = A1, A2 or SBJQA3* = A1, A2) and not above	1

* The first two characters of the field are used.

Sandwich year-out students

9.	All sandwich year-out students (HESMODE = SWOUT) will be assigned entirely to price group C (PRGC = 1).

Teaching assistant foundation degrees

10.   All students studying for a foundation degree to become a teaching assistant, whose course has been awarded as part of an additional student number bidding exercise or where specific approval has been given, will be assigned to price group C (PRGC = 1). For such institutions, we will agree institution-specific algorithms to allow us to identify this activity.

New entrants

11.   The algorithm for identifying new entrants has changed to reflect the HESES04 definition.

YEARONE

12.   This field indicates whether a student is a new entrant.

Value	Description	Definition
1	New entrant	((TYPEYR = 1 or (TYPEYR = 2, 3 and FTE_TYPE = 3)) and COMDATE > 31 July 2004 and COMDATE < 1 August 2005) or
		(TYPEYR = 2, 4, 5 and FTE_TYPE = 2, 4 and COMDATE > 31 July 2003 and COMDATE < 1 August 2004)
0	Not new entrant	Otherwise