Appendix 7 RAS04 re-creation algorithms

Purpose

1. This appendix describes the method used to re-create forms R1a, R1b, R2a and R2b of RAS04 from the HESA 2004-05 individualised student record.

2. This appendix is aimed at expert readers with an in-depth knowledge of the data. Readers are advised to have copies of HESA Student Record Coding Manual 2004-05 and 'Research Activity Survey 2004' (HEFCE 2004/35) to hand when using this appendix.

3. Our mapping of subject code to unit of assessment (UOA) was derived from an analysis of HESA 2003-04 staff data. UOAs are assigned to broad subject groups using the mapping below.

Broad subject group	UOA
Clinical Subjects	01 – 03
Subjects Allied to	04 – 11
Medicine	
Sciences	13 – 25, 32
Engineering Subjects	26 – 31
Social Sciences	33 – 44, 69
Humanities	45 – 63
Arts	64 – 67
Education	68

HESA fields used in the re-creation of forms R1a, R1b, R2a and R2b

4. Only certain fields, detailed in Table 14, were used to generate the comparison between the RAS04 and HESA 2004-05 student data. The field numbers shown relate to the combined record format of the HESA student record.

5. Throughout this appendix, fields taken from the HESA return or derived as part of the re-creation are shown in capitals using the names given in Tables 14 and 15 respectively.

Using the individualised file

6. When working through this appendix it is necessary to use the individualised file RASR04XXXX.ind, where XXXX is the HESA identifier for the institution. Details of how to access this file are given in Annex G. This appendix shows the allocation of students to cells within the tables and, where relevant, details of why they were excluded.

Field			Column in
number	Description	Name	individualised file*
2	HESA institution identifier	INSTID	A
4	Student identifier	HUSID	В
26	Date of commencement of programme	COMDATE	X
30	Year of student on this programme	YEARSTU	AZ
35	Date left institution or completed the programme of study	DATELEFT	Y
41	General qualification aim of student	QUALAIM	AI
43-45	Subject of qualification aim	SBJQA1-3	AL-AN
46	Proportion indicator	SBJBID	AK
49	Expected length of study programme	SPLENGTH	AO
50	Units of length	UNITLGTH	AT
65	Fundability code	FUNDCODE	AD
66	Fee eligibility	FEEELIG	AB
67	Fee band	FEEBAND	AA
70	Mode of study	MODE	AF
71	Location of study	LOCSDY	AE
72	Year of programme	YEARPRG	AY
74	Student FTE	STULOAD	AR
149 [†]	Institution's own identifier for student	OWNSTU	D
150 [†]	Institution's own programme of study identifier	OWNPSD	E
151	Student instance number	NUMHUS	С
153	Type of programme year	TYPEYR	AS

Table 14 Fields used in the re-creation of forms R1a, R1b, R2a and R2b

* The individualised student data file RASR04XXXX.ind, downloadable from the HEFCE extranet (see Annex G).

[†] These fields are not used in the comparison but are included in the individualised file to allow easy identification of students.

Description of derived fields for re-creation of forms R1a, R1b, R2a and R2b

7. This section details the derived fields in the individualised data file. These fields are used to build the key dimensions of the re-creation of RAS04 for postgraduate research students.

Field name	e Description		Column in
			individualised file*
ANNIV	Anniversary of commencement date in academic year	11	U
AVRGFTE	Average FTE	30	V
AVRGPOP	Flag indicating whether student's STULOAD contributed to AVRGFTE	31	W
ELAPSED	Expected length of the course in days	37	Z
FTE_TYPE	Method used to return FTE for non-standard academic years	22-26	AC
MODEYPS	Mode for the year of programme of study	9	AG
MSUB	The submission identifier for UOAs where multiple submissions were made to the 2001 Research Assessment Exercise	45	Ρ
PRIKEY	Unique programme of study identifier	11	F
PRVYRFTE	STULOAD returned on previous HESA record	29	AH
RAS_CASE	Indicator showing how RASFTE was calculated	27-28	AJ
RASFTE	FTE consistent with RAS definitions	34-35	Т
RASMODE	Mode of study for research degree	10	Q
RASTYPE	Fundability status	36	R
RASUOA1-3	Units of assessment	1518-19	M-O
RASYEAR	Year of programme of study as returned to RAS04	12-14	S
REXCL1	Flag indicating reason(s) for a student's exclusion	40-44	H-L
REXCL2			
REXCL4			
REXCL8			
REXCL16			••••••
RSTUEXCL	Reason for exclusion from the RAS student population	38-39	G
STUBID [†]	Unique countable year of programme identifier	32-35	AP
STUFTEYY	STULOAD field from HESA record in year YRSTUFTE	32	AQ
UOAP1- UOAP3	Proportion of time spent in each subject area, used to scale FTE	20-21	AU-AW
WUP_LINK	Flag indicating whether linking was used for writing-up students	8	AX
YRSTUFTE	Year STUFTEYY is taken from	33	BA

Table 15 Description of derived fields used to re-create forms R1a, R1b, R2a and R2b

* The individualised data file RASR04XXXX.ind, downloadable from the HEFCE extranet (see Annex G).

[†] The algorithms for deriving these fields are given in Appendix 1. For these algorithms, the paragraph numbers reference Appendix 1.

WUP_LINK (Column AX in individualised file RASR04XXXX.ind)

8. This field indicates whether a link has been made to improve our estimate of MODE for writing-up students.

Value	Description	Definition
1	MODE from HESA 2003-04	<u>In 2004-05 data</u>
	assumed	MODE = 43, 44 and HIN link can be made to
		2003-04 data
		<u>In 2003-04 data</u>
		MODE ≠ 43, 44
0	MODE from HESA 2004-05	Otherwise

MODEYPS (Column AG in individualised file RASR04XXXX.ind)

9. This field contains the MODE we have used in the re-creation. We make an assumption about the mode of students that are assumed to start writing-up after 1 December 2004. Details of this assumption are given in paragraph 6 of Appendix 9.

RASMODE (Column Q in individualised file RASR04XXXX.ind)

10. This field allocates students to mode of study.

Value	Description	Definition
FT	Full-time and sandwich	MODEYPS = 01, 52, 53 or (MODEYPS = 23, 24 and
	and sandwich year-out	(FEEBAND ≠ 02, 42 or (FEEBAND = 02, 42 and
		LOCSDY = D, E, F, G)))
PT	Part-time	Otherwise

ANNIV (Column U in individualised file RASR04XXXX.ind)

11. This field contains the anniversary of commencement date during 2004-05.

RASYEAR (Column S in individualised file RASR04XXXX.ind)

12. This field contains the year of programme returned on RAS04 as shown in the table below.

Value	Description
YEARSTU - 1	ANNIV > 1 December 2004 and if YEARSTU > 1
YEARSTU	ANNIV < 1 December 2004

13. Full-time students that exceed their third year of study are calculated as RASYEAR = 4+ where RASMODE = FT and RASYEAR \geq 4. Part-time students that exceed their seventh year of study are calculated as RASYEAR = 7+ where RASMODE = PT and RASYEAR \geq 7.

14. We make an assumption for students returned as dormant for part of the year. Details of this assumption are given in paragraph 13 of Appendix 9.

UOA to subject mapping

15. To map UOA to subject, staff were extracted from the 2003-04 HESA staff record that were category A, A* or C staff during the 2001 RAE. Both selected and non-selected staff are included, ie RESACT = (1,2).

16. The full-time equivalences (FTEs) of the staff extracted were then summarised by academic discipline (field 18 of the staff record). For each academic discipline, the UOA with the highest total FTE was selected as the appropriate mapping.

17. We feel that this method represents the most objective and analytical mapping between subject and UOA across all the institutions. However, we are aware that the re-mapping is often a source of discrepancy between actual and re-created RAS data, therefore the facility exists to override this mapping. See paragraph 10 of Appendix 9 for further information.

RASUOA1, RASUOA2, RASUOA3 (Columns M-O in individualised file RASR04XXXX.ind)

RASUOA1,	Description	SBJQA1, SBJQA2, SBJQA3
RASUOA2,		
RASUOA3,		
01	Clinical Laboratory Science	
02	Community-based Clinical Subjects	
03	Hospital-based Clinical Subjects	A1, A3, A9
04	Clinical Dentistry	A2, A4
05	Pre-Clinical Studies	
06	Anatomy	
07	Physiology	B1
08	Pharmacology	
09	Pharmacy	B2
10	Nursing	B3, B7, B9
11	Other Studies and Professions Allied to	B4, B5, B6, B8
	Medicine	
13	Psychology	C8
14	Biological Sciences	C1, C2, C3, C4, C5, C7, C9, D5
15	Agriculture	D4, D7, D9
16	Food Science and Technology	D6
17	Veterinary Science	D2, D3
18	Chemistry	F1
19	Physics	F3, F5
20	Earth Sciences	F6
21	Environmental Sciences	F7, F9
22	Pure Mathematics	
23	Applied Mathematics	G1
24	Statistics and Operational Research	G3
25	Computer Science	G4, G5, G6, G7, G9
26	General Engineering	H1, H5, H9, J1

18. RASUOA1, RASUOA2, RASUOA03 contain the student's UOAs.

27	Chemical Engineering	H8
28	Civil Engineering H2,J6	
29	Electrical and Electronic Engineering	H6
30	Mechanical Aeronautical and	H3, H4, H7, J5, J9
	Manufacturing Engineering	
31	Mineral and Mining Engineering	
32	Metallurgy and Materials	F2, J2, J4
33	Built Environment	K1, K2, K3, K9
34	Town and Country Planning	K4, N9
35	Geography	F8, L7
36	Law	M1, M2, M9
37	Anthropology	L6, Q9
38	Economics and Econometrics	L1
39	Politics and International Studies	L2
40	Social Policy and Administration	L4, L9
41	Social Work	L5
42	Sociology	L3
43	Business and Management Studies	G2, N1, N2, N3, N5, N6, N7, N8,
		T4, T9
44	Accounting and Finance	N4
45	American Studies	T7
46	Middle Eastern and African Studies	Q4, T5, T6
47	Asian Studies	T1, T2, T3
48	European Studies	R9
49	Celtic Studies	Q5
50	English Language and Literature	Q2, Q3, R6
51	French	R1, T8
52	German, Dutch and Scandinavian	R2
	Studies	
53	Italian	R3
54	Russian, Slavonic and East European	R7
	Languages	
55	Iberian and Latin American Languages	R4, R5
56	Linguistics	Q1
57	Classics, Ancient History, Byzantine	Q6, Q7, Q8
	and Modern Greek Studies	
58	Archaeology	F4, V4
59	History	V1, V2
60	History of Art, Architecture and Design	V3
61	Library and Information Management	P1
62	Philosophy	V5
63	Theology, Divinity and Religious	V6
	Studies	
64	Art and Design	J3, P4, W1, W2, W6, W7, W8,
		W9
65	Communication, Cultural and Media	P2, P3, P5, P9, V9
	Studies	

66	Drama, Dance and Performing Arts	W4, W5
67	Music	W3
68	Education	X1, X3, X9
69	Sports-related subjects	C6, X2

19. We make assumptions about assigning activity to UOAs. Details of these assumptions are given in paragraphs 10-12 of Appendix 9. Some examples of assumptions made where the mappings may vary are:

- some activity in subject code B1 could be naturally assigned to Anatomy or Physiology; for this mapping we have assumed such activity is Physiology
- some activity in subject code B2 could be naturally assigned to Pharmacology or Pharmacy; for this mapping we have assumed such activity is Pharmacy
- some activity in subject code G1 could be naturally assigned to Pure Mathematics or Applied Mathematics; for this mapping we have assumed such activity is Applied Mathematics
- some activity in subject code V1 could be naturally assigned to History or History of Art, Architecture and Design; for this mapping we have assumed such activity is History.

UOAP1, UOAP2, UOAP3 (Columns AU-AW in individualised file RASR04XXXX.ind)

20. UOAP1, UOAP2 and UOAP3 indicate the proportion of activity in the UOAs returned in RASUOA1, RASUOA2 and RASUOA3 respectively.

SBJBID	SBJQA3	UOAP1	UOAP2	UOAP3
0	blank	1.00	0.00	0.00
1	blank	0.50	0.50	0.00
2	blank	0.65	0.35	0.00
3	Not blank	0.34	0.33	0.33

Method of reporting FTE

21. The method of reporting FTE to HESA affects the way we calculate FTE for the year counted on the RAS. This information was sought by HESA in a letter of 19 August 1996, 'Completion of Field 74 (Student FTE) for students following a non-"standard" academic year'. Some institutions have since changed their method of returning FTE, and we have updated our records accordingly. Institutions that wish to change their method of returning FTE should seek our agreement beforehand.

FTE_TYPE (Column AC in individualised file)

22. This field is used to identify the institution's method of returning FTE for students on non-standard academic years. Students are on a standard academic year if all activity for the year of programme of study falls within a single academic year (1 August – 31 July). Students where this is not the case are on a non-standard academic year. As most research students are on full-year programmes nearly all students are on non-standard academic years.

Value	Description
1	No students on non-standard academic years
2	Split FTE
3	100:0
4	0:100

No students on non-standard academic years

23. Where all the institution's activity for years of programme of study are within one academic year.

Split FTE

24. Where activity for a year of programme of study spans two academic years the FTE is split proportionally across them.

100:0

25. Where activity for a year of programme of study spans two academic years the whole of the FTE is reported in the academic year in which the year of programme of study begins.

0:100

26. Where activity for a year of programme of study spans two academic years the whole of the FTE is reported in the academic year in which the year of programme of study ends.

RAS_CASE (Column AJ in individualised file RASR04XXXX.ind)

27. For non-standard academic years the method used to calculate RASFTE is dependent on the following factors:

- a. Method used to return FTE.
- b. Whether the year of programme of study is the first or not.
- c. Whether the year of programme of study is the last or not.

28. The table below shows how we identify different cases of non-standard academic years of programme of study when calculating FTE.

Value	Description	Definition
0	Standard academic year	TYPEYR = 1
1a	100:0 and commenced before 2 December and first year of programme	FTE_TYPE = 3 and ANNIV < 2 December 2004 and COMDATE > 31 July 2004
1b	100:0 and commenced before 2 December and not first year of programme	FTE_TYPE = 3 and ANNIV < 2 December 2004 and COMDATE < 1 August 2004
1c	100:0 and commenced after 1 December and not last year of programme	FTE_TYPE = 3 and ANNIV > 1 December 2004 and DATELEFT > 31 July 2005 or DATELEFT = blank
1d	100:0 and commenced after 1 December and last year of programme	FTE_TYPE = 3 and ANNIV > 1 December 2004 and DATELEFT < 1 August 2005
2a	0:100 and commenced before 2 December and first year of programme	FTE_TYPE = 4 and ANNIV < 2 December 2004 and COMDATE > 31 July 2004
2b	0:100 and commenced before 2 December and not first year of programme	FTE_TYPE = 4 and ANNIV < 2 December 2004 and COMDATE < 1 August 2004
2c	0:100 and commenced after 1 December and not last year of programme	FTE_TYPE = 4 and ANNIV > 1 December 2004 and DATELEFT > 31 July 2005 or DATELEFT = blank
2d	0:100 and commenced after 1 December and last year of programme	FTE_TYPE = 4 and ANNIV > 1 December 2004 and DATELEFT < 1 August 2005
3a	Split FTE and commenced before 2 December and first year of programme	FTE_TYPE = 2 and ANNIV < 2 December 2004 and COMDATE > 31 July 2004
3b	Split FTE and commenced before 2 December and not first year of programme	FTE_TYPE = 2 and ANNIV < 2 December 2004 and COMDATE < 1 August 2004
3с	Split FTE and commenced after 1 December and not last year of programme	FTE_TYPE = 2 and ANNIV > 1 December 2004 and DATELEFT > 31 July 2005 or DATELEFT = blank
3d	Split FTE and commenced after 1 December and last year of programme	FTE_TYPE = 2 and ANNIV > 1 December 2004 and DATELEFT < 1 August 2005

PRVYRFTE (Column AH in individualised file RASR04XXXX.ind)

29. This field contains the value of STULOAD returned for the student in the HESA 2003-04 student return. PRVYRFTE is capped at 100. PRVYRFTE is assumed to be 0 where a link to HESA 2003-04 student data cannot be made.

AVRGFTE (Column V in individualised file RASR04XXXX.ind)

30. AVRGFTE is the arithmetic mean of STULOAD for all students on non-standard academic years of programme of study in their last academic year, with the same MODE and QUALAIM at the same institution.

AVRGPOP (Column W in individualised file RASR04XXXX.ind)

31. This field indicates students that have been included in the calculation of AVRGFTE.

Value	Description	Definition
1	Included in AVRGFTE	FTE_TYPE = 2, 4 and TYPEYR = 2, 5 and
	calculation	DATELEFT > 31 July 2004 and
		DATELEFT < 1 August 2005
0	Not included in	Otherwise
	AVRGFTE calculation	

STUFTEYY (Column AQ in individualised file RASR04XXXX.ind)

32. This field contains the value of STULOAD, capped at 100, from the first year of the programme. The year the STULOAD is taken from is given in YRSTUFTE.

YRSTUFTE (Column BA in individualised file RASR04XXXX.ind)

33. This field contains the year the value in STUFTEYY is taken from. For example if YRSTUFTE = 1998 then STUFTEYY was taken from the HESA 1998-99 student record. YRSTUFTE contains the year that the programme of study commenced.

RASFTE (Column T in individualised file RASR04XXXX.ind)

34. This field contains the FTE we assume in the RAS04 re-creation. When the year of programme of study is contained in a standard academic year, RASFTE is taken to be STULOAD. The table below shows the method of calculating RASFTE for different groups of non-standard academic years of programme of study.

RAS_CASE	RASFTE
0	STULOAD
1a	STULOAD
1b	STULOAD
1c	PRVYRFTE
1d	PRVYRFTE
2a	AVRGFTE
2b	STULOAD
2c	STULOAD
2d	STULOAD
3a	STULOAD + AVRGFTE
3b	STULOAD
3c	STULOAD
3d	STULOAD + STUFTEYY

35. RASFTE is capped at 100. RASFTE is set to 100 for all full-time and sandwich years of programme of study (RASMODE = FT).

RASTYPE (Column R in individualised file RASR04XXXX.ind)

36. This field contains the fundability status of the student.

Value	Description	Definition
HOMEEC	Home and EC fundable	FUNDCODE = 1, 4 or (FUNDCODE = 2, 5, 7 and
	student	FEEELIG = 1, 3)
ISOV	Island and overseas	Otherwise
	students	

ELAPSED (Column Z in individualised file RASR04XXXX.ind)

37. This field contains the length of the course in days. The values are rounded up to the nearest whole day.

Value	Definition
365 x SPLENGTH	UNITLGTH = 1
365/12 x SPLENGTH	UNITLGTH = 2
365/52 x SPLENGTH	UNITLGTH = 3
2191	UNITLGTH = 9
0	Otherwise

RSTUEXCL (Column G in individualised file RASR04XXXX.ind)

38. This field indicates whether the student is included in the RAS04 re-creation. For students excluded from the re-creation RSTUEXCL contains the sum of all applicable values from the table below. Students included in the re-creation have RSTUEXCL = 0.

Value	Description	Definition
1	Student with	QUALAIM ≠ 02, 04, 06, 14
	qualification aim other	
	than PG research	
	degree	
2	Student not active on	COMDATE > 1 December 2004 or
	census date	DATELEFT < 1 December 2004
4	Student studying	LOCSDY = 7 and no institution-specific approval given
	wholly outside UK	
8	Dormant, sabbatical or	MODEYPS = 51, 61 to 64 or (MODE = 41 to 44 and
	writing-up student	(COMDATE + ELAPSED) < 2 December 2004)
16	No unit of assessment	SBJQA1 = blank or ((SBJQA1 = blank or SBJQA2 = blank)
	information	and SBJBID = 1, 2) or ((SBJQA1 = blank or SBJQA2 =
		blank or SBJQA3 = blank) and SBJBID = 3)

39. The value in RSTUEXCL will be the sum of all applicable codes for a student. For example, if RSTUEXCL = 12, then subtracting figures from the above table starting at the bottom, we see that the student is dormant, sabbatical or writing-up (RSTUEXCL = 8) and studying wholly outside the UK (RSTUEXCL = 4).

REXCL1 (Column H in individualised file RASR04XXXX.ind)

40. This flag indicates whether the student was excluded due to non-postgraduate research qualification aim.

Value	Description	Definition
1	Student with other qualification aim	QUALAIM ≠ 02, 04, 06, 14
0	Postgraduate research degree student	Otherwise

REXCL2 (Column I in individualised file RASR04XXXX.ind)

41. This flag indicates whether the student was excluded due to non-activity on 1 December 2004.

Value	Description	Definition
1	Non-active on census	COMDATE > 1 December 2004 or
	date	DATELEFT < 1 December 2004
0	Active on census date	Otherwise

REXCL4 (Column J in individualised file RASR04XXXX.ind)

42. This flag indicates whether the student was excluded due to studying wholly outside the UK.

Value	Description	Definition
1	Student studying wholly outside	LOCSDY = 7 and no institution-specific
	UK	approval given
0	Student not studying wholly	Otherwise
	outside UK	

REXCL8 (Column K in individualised file RASR04XXXX.ind)

43. This flag indicates whether the student was excluded due to being dormant, sabbatical or writing-up.

Value	Description	Definition
1	Dormant, sabbatical or	MODEYPS = 51, 61 to 64 or (MODE = 41 to 44 and
	writing-up student	(COMDATE + ELAPSED) < 2 December 2004)
0	Not dormant, sabbatical	Otherwise
	or writing-up student	

REXCL16 (Column L in individualised file RASR04XXXX.ind)

44. This flag indicates whether the student was excluded due to not having subject of qualification aim information.

Value	Description	Definition
1	No unit of	SBJQA1 = blank or ((SBJQA1 = blank or SBJQA2 = blank)
	assessment	and SBJBID = 1, 2) or ((SBJQA1 = blank or SBJQA2 = blank or
	information	SBJQA3 = blank) and SBJBID = 3)
0	Unit of assessment	Otherwise
	information	

MSUB (Column P in individualised file RASR04XXXX.ind)

45. This field indicates the submission identifier for UOAs where multiple submissions were made to the 2001 Research Assessment Exercise. MSUB = Z except where institution-specific algorithms have been provided to attribute the activity to another submission identifier.

Funding for research

46. As part of the re-creation we produce the following report 'RAS re-creation: calculation of Research Degree Programme (RDP) supervision funding for 2005-06 using HESA 2004-05 student data and HEFCE funding data'.

- 47. This report is made up of the following sections:
- UOA, multiple submission, 2001 rating
- 2005-06 rate per eligible weighted postgraduate research student FTE (£)
- 2005-06 Model fundable home fee paying research student FTEs
- 2005-06 RDP supervision allocation (including London weighting) (£).

48. Students selected from the re-creation for this funding calculation are those with RSTUEXCL = 0. All these eligible students are then summarised by mode, year and UOA to appear on the re-created RAS forms, which then feed into this funding report.

49. Further details on the calculation of RDP supervision funding are at www.hefce.ac.uk under Research/Postgraduate programmes.

UOA, Multiple submission, 2001 Rating

50. The UOA, multiple submission and 2001 rating data are collected from the 2001 RAE. The primary purpose of the exercise is to assess the quality of research and to produce ratings of research quality, which are used to inform funding decisions.

UOAs

51. There are 68 UOAs in the 2001 RAE. The UOA number is listed in the 'UOA' column and the title is included in the 'Unit of assessment' column. Each UOA covers a broad subject area. For example, Mechanical, Aeronautical and Manufacturing Engineering are included within one UOA; Drama, Dance and Performing Arts are included in another.

Multiple submissions

52. Multiple submissions occur where an institution makes more than one submission to a UOA.

2001 rating

53. The institutions were awarded a rating for each UOA submitted to the RAE. This rating was based on an assessment of research information provided by the institutions, published on the HERO web-site www.hero.ac.uk under Research/Research Assessment Exercise/Research Assessment Exercise 2001/Results.

2005-06 rate per eligible weighted postgraduate research student FTE (£)

54. A funding rate for each subject area is determined by the total amount of funding allocated to the new RDP support stream. Allocations within this total were made by reference to the numbers of eligible research students reported in the 2004 Research Activity Survey, cost-weighted according to subject area. Further details are at www.hefce.ac.uk under Research/Postgraduate programmespostgrad/rdpfund.htm.

2005-06 Model fundable home fee paying research student FTEs

55. This column contains the FTE of postgraduate research students in their first to third years of full-time study, taken from Form R2a: Home and EC full-time research students by year of programme, and first to sixth years of part-time study, taken from Form R2b: Home and EC part-time research students by year of programme.

2005-06 RDP supervision allocation (including London weighting) (£)

56. This is calculated by multiplying the 2005-06 Model fundable home fee paying research students by the 2005-06 allocations per eligible RDP student FTE. This allocation is then subject to the addition of an 8 per cent or 12 per cent premium for institutions in outer or inner London respectively.