

## Postgraduate Research allocations – extraction of data from HESA Student Record

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*****
* Algorithm for institutions to use with INSTANCE record merged with RAE record *
* Example for use with 2008/09 HESA data for 2010/11 funding *
*****
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*****
* Please also refer to guidance given in circular Higher Education Data Requirements *
* 2008/09 (W09/12HE) and further guidance in supplement found on HEFCW website *
* http://www.hefcw.ac.uk/working\_with\_he\_providers/data\_collection/funding\_calculations.aspx*
*****
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```
*****
* 1. Extract eligible students *
* variables taken from HESA record are in upper case of the form ENTITY.FIELDNAME) *
* *
*****
```

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*****
* Notes *
* ne means not equals *
* proc means procedure *
* =: means begins with *
*****
```

```
data popn;
set hesa;
```

```
where INSTANCE.FUNDCODE in ('1') and
      INSTANCE.EXCHANGE not in ('1','2','3','4','6') and
      INSTANCE.MODE in ('01','02','31') and
      COURSE.COURSEAIM in (all D codes, all L codes)
```

```
*****
* 2. Only include students active between 1 August 2008 and 31 July 2009 *
* and not in the final academic year of a non-standard academic year course *
*****
```

```
if INSTANCE.TYPEYR = '1' and
   INSTANCE.COMDATE <='31Jul2009'd and
   (INSTANCE.ENDDATE >='1Aug2008'd or INSTANCE.ENDDATE = ' ') then count=1;
```

```
if INSTANCE.TYPEYR='2' and
   INSTANCE.ENDDATE <='31Jul2009'd and
   INSTANCE.ENDDATE ne ' ' and
   INSTANCE.ENDDATE > (AVDATE+14) then count=1;
```

```
*****
*AVDATE is anniversary of INSTANCE.COMDATE in 2008/09*
*****
```

```
if INSTANCE.TYPEYR='2' and
   INSTANCE.ENDDATE <= '31Jul2009'd and
   INSTANCE.ENDDATE ne ' ' and
   INSTANCE.ENDDATE <= (AVDATE+14) then do;
      if INSTANCE.UNITLGTH = '3' and INSTANCE.SPLENGTH in ('01','02') or
         INSTANCE.UNITLGTH = '4' and INSTANCE.SPLENGTH in ('01' to '14') or
```

```
INSTANCE.UNITLGTH ='5' and INSTANCE.SPLENGTH in ('01' to '42') then
count=1;
```

```
if INSTANCE.TYPEYR='2' and
INSTANCE.COMDATE <='31Jul2009'd and
INSTANCE.ENDDATE =' ' then count=1;
```

```
if count ne 1 then delete;
```

```
*****
* 3. Only include students on first 3 years if full-time, or first 6 years if part-time *
* (for MPhil 2 years full-time, 4 years part-time) *
*****
```

```
if COURSE.COURSEAIM = (L codes) then do;
if INSTANCE.MODE ='01' and INSTANCE.YEARSTU not in ('01','02') then delete;
else if INSTANCE.MODE in ('02','31') and INSTANCE.YEARSTU not in ('01','02','03','04')
then delete;
```

```
else do;
if INSTANCE.MODE='01' and INSTANCE.YEARSTU not in ('01','02','03') then delete;
else if INSTANCE.MODE in ('02','31') and INSTANCE.YEARSTU not in
('01','02','03','04','05','06') then delete;
```

```
end;
```

```
*****
* 4. Students with stuload =0 are excluded as either they are inactive *
* (and therefore not fundable) *
*****
```

```
if INSTANCE.STULOAD=0 then delete;
```

```
*****
* 5. Delete duplicate students *
* nodupkey means delete duplicates with same values of institution, *
* INSTANCE.HUSID maintaining highest Mode/Level (COURSEAIM D over L *
* and MODE FT over PT) *
*****
```

```
proc sort;
by institution INSTANCE.HUSID INSTANCE.COURSEAIM INSTANCE.MODE;
```

```
proc sort nodupkey;
by institution INSTANCE.HUSID;
```

```
*****
* 6. Categorise students into UoA using RAE.UoA2008 *
* Where a student is split across two UoA, the student *
* is counted in each UoA using the proportion returned *
* in RAE.UOAPCNT *
* stucount is the count of students *
*****
```

```
if RAE.UOAPCNT=100 then stucount=1;
else stucount=RAE.UOAPCNT/100;
```

```
*****
```

```

* 7. Include all those students in ASCs with departments eligible for inclusion in *
* the funding calculation *
* Students to be included are those in 2008 RAE UoAs included in the QR *
* funding model for 2009/10. These are those UoAs that have at least 3 FTE *
* Category A staff or more of classified provision *
*****

```

```

if institution='institution name' and RAE.UOA2008 in 'eligible list';

```

```

*****
* 8. Assign students to ASC Subject Groups *
* 1 - ASCs 1b, 1d *
* 346 – ASCs 1a, 1c, 3, 4, 6 *
* other – all other ASCs *
*****

```

```

if RAE.UOA2008 in ('01' to '10') then ascgroup='1';
else if RAE.UOA2008 in ('13' to '29', '44') then ascgroup='346';
else ascgroup='other';

```

```

*****
* 9. For students in UoAs 32 and 46, split students *
* across subject groups using COURSE.SBJCA1 *
* := means begins with *
*****

```

```

if RAE.UOA2008 in ('32','46') then do;
  if COURSE.SBJCA1 =: ('A1','A2','A3','A4','A9','F','C','D','B2','H','J','G','L140') then ascgroup =
'346';
  else ascgroup='other';
end;

```

```

*****
* 10. Summarise by institution to get the total number of eligible PGR *
* students (variable stucount) for each mode of study and subject group *
* output in dataset outpgr *
*****

```

```

proc summary;
by institution mode ascgroup;
output out=outpgr;

```