The scripts below refer to some fields that do not appear in the HESA data held by HE providers as they have been derived in-house here for our internal use only. These can be provided on a custom basis (for which there would be a fee). Should you prefer to try and re-create these yourselves, the technical specifications are included for your information.

*--SSR SQL*

*-- Multiplying the FTE by a proportion will reduce it (e.g. if we multiply by 0.6 then we are only including 60% of the FTE).*

*--Student component including cost centre*

*--Section 1 – this is for the ‘basic’ student FTE where we make no reduction, and excludes franchised & placement students, and those abroad (for the whole year or a proportion of the year) who are not studying for any part of their time abroad.*

Select

'stud\_FTE\_basic'SSR\_constituent,

s.f\_xinstid01,

co.f\_costcn,

sum(co.f\_xfte01/100)f\_value *--calculates the FTE of this constituent*

from C15051 s

inner join C15051\_co co on (s.f\_instancekey=co.f\_instancekey)

inner join C15051\_Derive dv on (s.f\_instancekey=dv.f\_instancekey)

where s.f\_xpses01 in ('1','2') *--includes those who are counted within the HE or FE session population*

and nvl(s.f\_locsdy,'ZZ')not in ('D','E') *--excludes those with a LOCSDY of D or E*

and nvl(dv.f\_zpropfran,'0')='0' *--excludes franchised students (whose proportion franchised is not 0)*

and dv.f\_zssrmob\_marker not in ('1','2') *--excludes those with a LOCSDY of U or T who are studying for any part of their time abroad.*

group by

'stud\_FTE\_basic',

s.f\_xinstid01,

co.f\_costcn

union all

*--Section 2 – this is for the ‘reduced’ student FTE for franchised & placement students, and those abroad (for the whole year or a proportion of the year) who are not studying for any part of their time abroad.*

Select

'stud\_FTE\_reduced' SSR\_constituent,

s.f\_xinstid01,

co.f\_costcn,

sum(to\_number(decode(s.f\_locsdy,'D',(co.f\_xfte01 \* (1-nvl(dv.f\_zpropfran,0)))\*0.2,'E',(co.f\_xfte01 \* (1-nvl(dv.f\_zpropfran,0)))\*0.6, *-- Where the student has LOCSDY D, the xfte01 is multiplied by 0.2, and if they have LOCSDY E the xfte01 is multiplied by 0.6. this is then multiplied by 1-the proportion franchised.*

'T',decode(dv.f\_zssrmob\_marker,'1',(co.f\_xfte01 \* (1-nvl(dv.f\_zpropfran,0)))\*0.2,co.f\_xfte01 \* (1-nvl(dv.f\_zpropfran,0))),

'U',decode(dv.f\_zssrmob\_marker,'2',(co.f\_xfte01 \* (1-nvl(dv.f\_zpropfran,0)))\*0.6,co.f\_xfte01 \* (1-nvl(dv.f\_zpropfran,0))), *--Where the student has LOCSDY T AND is not studying for any part of their time abroad, the xfte01 is multiplied by 0.2 and where the student has LOCSDY U AND is not studying for any part of their time abroad, the xfte01 is multiplied by 0.6. This is then multiplied by 1 minus the proportion franchised.*

co.f\_xfte01 \* (1-nvl(dv.f\_zpropfran,0)))) *--Where students are neither on placement or identified by the mobility marker, the xfte01 is multiplied by 1 minus the proportion franchised*

/100)f\_value

from C15051 s

inner join C15051\_co co on (s.f\_instancekey=co.f\_instancekey)

inner join c15051\_derive dv on (s.f\_instancekey=dv.f\_instancekey)

where s.f\_xpses01 in ('1','2') *--includes students who are counted within the HE or FE session population*

and (nvl(dv.f\_zpropfran,0) not in (0,1) or nvl(s.f\_locsdy,'ZZ') in ('D','E') or dv.f\_zssrmob\_marker in ('1','2')) *--includes all students for whom we make a reduction to the FTE.*

group by

'stud\_FTE\_reduced',

s.f\_xinstid01,

co.f\_costcn

*--Student component excluding cost centre*

*--Section 1 – this is for the ‘basic’ student FTE where we make no reduction, and excludes franchised & placement students, and those abroad (for the whole year or a proportion of the year) who are not studying for any part of their time abroad.*

select

'stud\_FTE\_basic' SSR\_constituent,

s.f\_xinstid01,

sum(to\_number(s.f\_stuload)/100) f\_total *--calculates the FTE of this constituent.*

from C15051 s

inner join C15051\_Derive dv on (s.f\_instancekey=dv.f\_instancekey)

where s.f\_xpses01 in ('1','2') *--includes those who are counted within the HE or FE session population*

and nvl(s.f\_locsdy,'ZZ')not in ('D','E') *--excludes those with a LOCSDY of D or E*

and nvl(dv.f\_zpropfran,'0')='0' *--excludes franchised students (whose proportion franchised is not 0)*

and dv.f\_zssrmob\_marker not in ('1','2') *--excludes those with a LOCSDY of U or T who are studying for any part of their time abroad.*

and nvl(s.f\_stuload,0) !=0 *--excludes students with null or 0 stuload*

group by

'stud\_FTE\_basic' ,

s.f\_xinstid01

union all

*--Section 2 – this is for the ‘reduced’ student FTE for franchised & placement students, and those abroad (for the whole year or a proportion of the year) who are not studying for any part of their time abroad.*

select

'stud\_FTE\_reduced' SSR\_constituent,

s.f\_xinstid01,

sum(to\_number(decode(s.f\_locsdy,'D',(s.f\_stuload \* (1-nvl(f.f\_zpropfran,0)))\*0.2,'E',( s.f\_stuload \* (1-nvl(f.f\_zpropfran,0)))\*0.6, *-- Where the student has LOCSDY D, the xfte01 is multiplied by 0.2, and if they have LOCSDY E the xfte01 is multiplied by 0.6. this is then multiplied by 1-the proportion franchised.*

'T',decode(dv.f\_zssrmob\_marker,'1',( s.f\_stuload \* (1-nvl(dv.f\_zpropfran,0)))\*0.2, s.f\_stuload \* (1-nvl(dv.f\_zpropfran,0))),

'U',decode(dv.f\_zssrmob\_marker,'2',( s.f\_stuload \* (1-nvl(dv.f\_zpropfran,0)))\*0.6, s.f\_stuload \* (1-nvl(dv.f\_zpropfran,0))), *-- Where the student has LOCSDY T AND is not studying for any part of their time abroad, the xfte01 is multiplied by 0.2 and where the student has LOCSDY U AND is not studying for any part of their time abroad, the xfte01 is multiplied by 0.6. This is then multiplied by 1 minus the proportion franchised.*

s.f\_stuload \* (1-nvl(dv.f\_zpropfran,0)))) *-- Where students are neither on placement or identified by the mobility marker, the FTE is multiplied by 1 minus the proportion franchised*

/100)f\_value

from C15051 s

inner join C15051\_Derive dv on (s.f\_instancekey=dv.f\_instancekey)

where s.f\_xpses01 in ('1','2') *--includes students who are counted within the HE or FE session population*

and (nvl(dv.f\_zpropfran,0) not in (0,1) or nvl(s.f\_locsdy,'ZZ') in ('D','E') or dv.f\_zssrmob\_marker in ('1','2')) *--includes all students for whom we make a reduction to the FTE.*

and nvl(s.f\_stuload,0)!=0 *--excludes students with null or 0 stuload*

group by

'stud\_FTE\_reduced',

s.f\_xinstid01

union all

*--Staff components data*

*--Section 3.*

select 'staff\_FTE' SSR\_constituent,

con.f\_xinstid01,

cc.f\_ccentre f\_costcn, *--If cost centre data is not required this can be excluded*

sum(to\_number(cc.f\_xsfte01)/100) f\_value *-- calculates the FTE of this constituent*

from C15025\_contract con

inner join C15025\_person p on (con.f\_personkey=p.f\_personkey)

inner join C15025\_cc cc on (con.f\_contractkey=cc.f\_contractkey)

where con.f\_xpsesc01='1' *--excludes staff whose contracts are not counted within the session population*

and con.f\_acempfun in ('1','3') *--excludes staff whose academic employment function is neither 1 Teaching NOR 3 Teaching and research*

group by

'staff\_FTE',

con.f\_xinstid01,

cc.f\_ccentre

*--if you wish to split out non-atypical and atypical staff*

*--Section 3.*

select

'staff\_FTE\_nonatyp' SSR\_constituent,

con.f\_xinstid01,

cc.f\_ccentre f\_costcn, *--If cost centre data is not required this can be excluded*

sum(to\_number(cc.f\_xsfte01)/100) f\_value *-- calculates the FTE of this constituent*

from C15025\_contract con

inner join C15025\_person p on (con.f\_personkey=p.f\_personkey)

inner join C15025\_cc cc on (con.f\_contractkey=cc.f\_contractkey)

where con.f\_xpsesc01='1' *--excludes staff whose contracts are not counted within the session population*

and con.f\_acempfun in ('1','3') *--excludes staff whose academic employment function is neither 1 Teaching NOR 3 Teaching and research*

and con.f\_terms!='3' *--excludes atypical staff*

group by

'staff\_FTE\_nonatyp',

con.f\_xinstid01,

cc.f\_ccentre

union all

*--Section 4.*

select

'staff\_FTE\_atyp' SSR\_constituent,

con.f\_xinstid01,

cc.f\_ccentre f\_costcn, *--If cost centre data is not required this can be excluded*

sum(to\_number(cc.f\_xsfte01)/100) f\_value *-- calculates the FTE of this constituent*

from C15025\_contract con

inner join C15025\_person p on (con.f\_personkey=p.f\_personkey)

inner join C15025\_cc cc on (con.f\_contractkey=cc.f\_contractkey)

where con.f\_xpsesc01='1' *--excludes staff whose contracts are not counted within the session population*

and con.f\_acempfun in ('1','3') *--excludes staff whose academic employment function is neither 1 Teaching NOR 3 Teaching and research*

and con.f\_terms='3' *-- excludes non-atypical staff*

group by

'staff\_FTE\_atyp',

con.f\_xinstid01,

cc.f\_ccentre

*--Staff component excluding cost centre does not require any additional changes beyond removing the cost centre field.*

**F\_ZPROPFRAN – Proportion franchised.**

TECHNICAL SPECIFICATION

For each instance for which there is a module in the module record, PCOLAB represents the percentage (a value between 0 and 100) of the module in the reporting period for which other arrangements for teaching have been made. The percentage represented by this field denotes the proportion not taught by the returning HE provider.

A student is said to be franchised if any of the modules (with non-zero corresponding FTE) have PCOLAB greater than zero. The proportion not taught by the returning HE provider is the sum of the proportions of the module FTEs divided by the total FTE. The result is ZPROPFRAN.

If a student doesn’t have a record in the module table or has all modules with 0 FTE, it is assumed that the student is entirely taught by the reporting HE provider, so ZPROPFRAN is set to 0.

From 2014/15, exclude APEL modules (STUDENT\_ON\_MODULE.APEL not 1 or 2) and modules which were taken in the previous reporting year (STUDENT\_ON\_MODULE.MODSTAT not 4). This brings the derivation in line with that of XFTE01.

DEFINITION

The field ZPROPFRAN gives the proportion not taught by the returning HE provider for each instance. The value ranges between 0 and 1. A value of 0 means that the student is entirely taught by the reporting HE provider (no franchising), a value of 1 means that the student is entirely taught at another HE provider.

**F\_ZSSRMOB\_MARKER – Mobility marker.**

Students with a location of study (LOCSDY) of Abroad for whole year (T) or Abroad for a proportion of the year (U) (LOCSDY = U applicable from 2014/15) have a mobility entity returned to capture further information about their mobility experience. Students can have multiple mobility entities returned and each entity can have multiple types (MOBTYPE1-3). For the purpose of creating the student staff ratios, students who are abroad during the year and are not studying for any portion of that year need to be identified. Where a student has no mobility entity we assume they are studying and they will be set to 0.

TECHNICAL SPECIFICATION

Using DATASETS.CYY051\_MOBILITY create a temporary table to identify all INSTANCEKEYs which do not have any of their mobility types (MOBTYPE1-3) as 01 Study, set ZMOB\_TEMP to 1 for these instances.

|  |  |  |  |
| --- | --- | --- | --- |
| MOBTYPE1 | MOBTYPE1 | MOBTYPE1 | ZMOB\_TEMP |
| 02, 03, null | 02, 03, null | 02, 03, null | 1 |
| Other wise | 0 |

For each instance, take the lowest value of ZMOB\_TEMP across all mobility entities.

Left outer join DATASETS.CYY051 to this temporary table using INSTANCEKEY

|  |  |  |
| --- | --- | --- |
| LOCSDY | ZMOB\_TEMP | ZSSRMOB\_MARKER |
| T | 0 | 0 |
| 1 | 1 |
| Null | 0 |
| U | 0 | 0 |
| 1 | 2 |
| Null | 0 |
| Otherwise |   | 0 |