Field Description	Field Abbreviation	Field Length	Field Type	Field Version
Full-time equivalent subject by cost centre	**XFTE01**	**6**	**Char**	**3.1.2**

VALID ENTRIES

Format of XFTE01 is 000.00

ADDITIONAL INFORMATION

The datasets table Cyy051_CO holds Cost centre/Full time equivalence (FTE) data.

This field contains the derived FTE of the student instance (from Instance.STULOAD) for module subjects and cost centres in the CO table.

This field is designed to allow analysis by FTE, representing student load, rather than by headcount or apportioned numbers; particularly significant for analysing part-time load.

XFTE01 will normally be analysed after the application of the HESA session population (XPSES01).

DEPENDENT FIELDS

none

TECHNICAL SPECIFICATION

The creation of the _CO and _SJ tables depends on de-duplication to ensure that all modules and courses are unique, and that instances are linked to a COURSEID/MODID (i.e. that exception checks that test for de-duplication and course/module linkage have run, and have not been switched).

Cyy051_CO
This table holds the value of Instance.STULOAD apportioned across the module subjects and cost centres.

Create a record for every instance where a StudentOnModule record exists for that INSTANCEKEY (i.e. there may instances with Instance.STULOAD > 0, but no record will exist unless at least one record exists in the imported StudentOnModule data for that INSTANCEKEY).

There may be records where Instance.STULOAD or SUM(Module.FTE) or ModuleSubject.MODSBJP are zero, or Instance.STULOAD is null. In these cases create a record in the _CO table where XFTE01 is zero.

ModuleSubject must exist for all modules. (This is enforced by the schema definition.)

Join Instance to StudentOnModule to Module to ModuleSubject where:
Instance.INSTANCEKEY=StudentOnModule.INSTANCEKEY and
Instance.UKPRN=Module.UKPRN and
Module.UKPRN=ModuleSubject.UKPRN and
StudentOnModule.MODID=Module.MODID and
Module.MODID=ModuleSubject.MODID
and StudentOnModule.MODSTAT <> 4

For each completed ModuleSubject entity (COSTCN, MODSBJP, MODSBJ) create a record containing:

Instance.INSTANCEKEY, ModuleSubject.COSTCN, ModuleSubject.MODSBJ, XFTE01, XJACS201, Module.MODID calculated as:

(ModuleSubject.MODSBJP/100)*(Module.FTE/Sum(Module.FTE) for an Instance)*(Instance.STULOAD)

During calculation, results must be rounded and not trimmed.

Format of XFTE01 is 000.00 (reported to two decimal places).

Revision 3.1.1 2011-01-31 (Length extended from 5 to 6, to accommodate change in stored format to 2 decimal places. Also rounding and not trimming specified in calculation.)

Revision 3.1.2 2012-08-15 (Instance.STULOAD is null has been added to the condition to create XFTE01 as zero. This is to align the specification with existing Software Development function. No change to function required.)