

Field description	Field Abbreviation	Field length	Field type	Version
Room area uplift	XUPLIFT01	13	Char	2.1.3

DERIVED FIELDS

XNETITA_TCHOFF01	Room area uplift - Net internal area teaching offices
XNETITA_TCHOTH01	Room area uplift - Net internal area teaching other
XNETITA_TCHTOT01	Room area uplift - Net internal area teaching total
XNETITA_RESOFF01	Room area uplift - Net internal area research offices
XNETITA_RESOTH01	Room area uplift - Net internal area research other
XNETITA_RESTOT01	Room area uplift - Net internal area research total
XNETITA_SUPOFF01	Room area uplift - Net internal area support offices
XNETITA_SUPOTH01	Room area uplift - Net internal area support other
XNETITA_SUPTOT01	Room area uplift - Net internal area support total
XSUPPOR_ASSCAT01	Room area uplift - Support associated with catering
XSUPPOR_LCSPAC01	Room area uplift - Support learning centre space
XNETITA_VACNON01	Room area uplift - Net internal area vacant non-residential
XNETITA_OTHER01	Room area uplift - Net internal area other non-residential
XNETITA_TOTNON01	Room area uplift - Net internal area total non-residential
XNETITA_TOTRES01	Room area uplift - Net internal area residential
XNETITA_TOTHEI01	Room area uplift - Net internal area total HEI
XSPECAA_TCHOTH01	Room area uplift - Specialist academic area teaching other
XSPECAA_RESOTH01	Room area uplift - Specialist academic area research other
XSPECAA_TOTHEI01	Room area uplift - Specialist academic area total HEI

VALID ENTRIES

A value rounded to three decimal places stored as character or '_____' (13 underscores).

REASON REQUIRED

This field is required to harmonise all HEI returns to an equivalent of net internal area, so that the EMS ratios use a consistent value of internal area across the sector.

ADDITIONAL INFORMATION

The Estate Management Statistics (EMS) (Cyy042) data items **D12.Cnn** 'Net internal area' (metres²) and **D14.Cnn** 'Specialist academic area' (metres²) may be submitted by higher education institutions (HEIs) either on the basis of 'Room area' or 'Net internal area' (NIA). HEIs should return data in the form that is most straightforward for them.

Room area is net internal area less the width of internal walls and partitions.

NIA is the usable area within a building measured to the internal face of the perimeter walls at each floor level.

To identify which method is used for the values returned in data items D12 and D14, the HEI returns **D13.C01** 'Method used to measure floor area' as either R (Room area basis) or N (net internal area definition). (There is no option to record whether D12 or D14 data items were reported using different floor area methods).

Data items D12 (apart from D12.C13), 13 and 14 are not mandatory and may be left blank. However, if any of the D12 or D14 data items are completed, validation exists to ensure D13 is completed with either R or N.

TECHNICAL SPECIFICATION

All values in data items D12 and D14 (19 in total) to be multiplied by 1.06, returned as submitted, or returned as thirteen underscores:

1. If indicated in D13.C01 that D12 and D14 data item values (if not null) were returned using R (Room area) then an uplift of 6% to be applied to any of the D12 and D14 data items (i.e. value x 1.06 returned).
2. If indicated in D13.C01 that D12 and D14 data item values (if not null) were returned using N (Net internal area) then no uplift needs to be applied to any of the D12 and D14 data items, the existing value is returned.
3. If any D12 or D14 value is null return thirteen (13) underscores '_____' in the equivalent derived field.

Note to developers:

- i) Function to round value to three decimal places then convert to character.
- ii) Where a number is returned and converted to character, padding to cccccccc.ccc is not required.
- ii) 13 characters are required to cope with a potential maximum submitted value of -9999999.999 * 1.06 uplift. (The return of a negative value is also possible).

TECHNICAL SPECIFICATION TABLE

1. If D12/14 data item is not null and D13.C01 = R (room area)

Data item	Fieldname	Value	D13.C01	Processing	Return as
D12.C02	NETITA_TCHOFF	not null	R	D12.C02 value x 1.06	XNETITA_TCHOFF01
D12.C03	NETITA_TCHOTH			D12.C03 value x 1.06	XNETITA_TCHOTH01
D12.C04	NETITA_TCHTOT			D12.C04 value x 1.06	XNETITA_TCHTOT01
D12.C05	NETITA_RESOFF			D12.C05 value x 1.06	XNETITA_RESOFF01
D12.C06	NETITA_RESOTH			D12.C06 value x 1.06	XNETITA_RESOTH01
D12.C07	NETITA_RESTOT			D12.C07 value x 1.06	XNETITA_RESTOT01
D12.C08	NETITA_SUPOFF			D12.C08 value x 1.06	XNETITA_SUPOFF01
D12.C09	NETITA_SUPOTH			D12.C09 value x 1.06	XNETITA_SUPOTH01
D12.C10	NETITA_SUPTOT			D12.C10 value x 1.06	XNETITA_SUPTOT01
D12.C10b	SUPPOR_ASSCAT			D12.C10b value x 1.06	XSUPPOR_ASSCAT01
D12.C10c	SUPPOR_LCSPAC			D12.C10c value x 1.06	XSUPPOR_LCSPAC01
D12.C11	NETITA_VACNON			D12.C11 value x 1.06	XNETITA_VACNON01
D12.C12	NETITA_OTHER			D12.C12 value x 1.06	XNETITA_OTHER01
D12.C13	NETITA_TOTNON			D12.C13 value x 1.06	XNETITA_TOTNON01
D12.C14	NETITA_TOTRES			D12.C14 value x 1.06	XNETITA_TOTRES01
D12.C01	NETITA_TOTHEI			D12.C01 value x 1.06	XNETITA_TOTHEI01
D14a.C03	SPECAA_TCHOTH			D14a.C03 value x 1.06	XSPECAA_TCHOTH01
D14b.C06	SPECAA_RESOTH			D14a.C06 value x 1.06	XSPECAA_RESOTH01
C14.C01	SPECAA_TOTHEI			D14.C01 value x 1.06	XSPECAA_TOTHEI01

Else 2. D12/14 data item is not null and D13.C01 = N (net internal area)

Data item	Fieldname	Value	D13.C01	Processing	Return as
D12.C02	NETITA_TCHOFF	not null	N	D12.C02 value returned	XNETITA_TCHOFF01
D12.C03	NETITA_TCHOTH			D12.C03 value returned	XNETITA_TCHOTH01
D12.C04	NETITA_TCHTOT			D12.C04 value returned	XNETITA_TCHTOT01
D12.C05	NETITA_RESOFF			D12.C05 value returned	XNETITA_RESOFF01
D12.C06	NETITA_RESOTH			D12.C06 value returned	XNETITA_RESOTH01
D12.C07	NETITA_RESTOT			D12.C07 value returned	XNETITA_RESTOT01
D12.C08	NETITA_SUPOFF			D12.C08 value returned	XNETITA_SUPOFF01
D12.C09	NETITA_SUPOTH			D12.C09 value returned	XNETITA_SUPOTH01
D12.C10	NETITA_SUPTOT			D12.C10 value returned	XNETITA_SUPTOT01
D12.C10b	SUPPOR_ASSCAT			D12.C10b value returned	XSUPPOR_ASSCAT01
D12.C10c	SUPPOR_LCSPAC			D12.C10c value returned	XSUPPOR_LCSPAC01
D12.C11	NETITA_VACNON			D12.C11 value returned	XNETITA_VACNON01
D12.C12	NETITA_OTHER			D12.C12 value returned	XNETITA_OTHER01
D12.C13	NETITA_TOTNON			D12.C13 value returned	XNETITA_TOTNON01
D12.C14	NETITA_TOTRES			D12.C14 value returned	XNETITA_TOTRES01
D12.C01	NETITA_TOTHEI			D12.C01 value returned	XNETITA_TOTHEI01
D14a.C03	SPECAA_TCHOTH			D14a.C03 value returned	XSPECAA_TCHOTH01
D14b.C06	SPECAA_RESOTH			D14a.C06 value returned	XSPECAA_RESOTH01
C14.C01	SPECAA_TOTHEI			D14.C01 value returned	XSPECAA_TOTHEI01

Else 3. D12/D14 data item is null return 13 underscores

Data item	Fieldname	Value	D13.C01	Processing	Return as
D12.C02	NETITA_TCHOFF	null	null, N or R	'_____'	XNETITA_TCHOFF01
D12.C03	NETITA_TCHOTH			'_____'	XNETITA_TCHOTH01
D12.C04	NETITA_TCHTOT			'_____'	XNETITA_TCHTOT01
D12.C05	NETITA_RESOFF			'_____'	XNETITA_RESOFF01
D12.C06	NETITA_RESOTH			'_____'	XNETITA_RESOTH01
D12.C07	NETITA_RESTOT			'_____'	XNETITA_RESTOT01
D12.C08	NETITA_SUPOFF			'_____'	XNETITA_SUPOFF01
D12.C09	NETITA_SUPOTH			'_____'	XNETITA_SUPOTH01
D12.C10	NETITA_SUPTOT			'_____'	XNETITA_SUPTOT01
D12.C10b	SUPPOR_ASSCAT			'_____'	XSUPPOR_ASSCAT01
D12.C10c	SUPPOR_LCSPAC			'_____'	XSUPPOR_LCSPAC01
D12.C11	NETITA_VACNON			'_____'	XNETITA_VACNON01
D12.C12	NETITA_OTHER			'_____'	XNETITA_OTHER01
D12.C13	NETITA_TOTNON			'_____'	XNETITA_TOTNON01
D12.C14	NETITA_TOTRES			'_____'	XNETITA_TOTRES01
D12.C01	NETITA_TOTHEI			'_____'	XNETITA_TOTHEI01
D14a.C03	SPECAA_TCHOTH			'_____'	XSPECAA_TCHOTH01
D14b.C06	SPECAA_RESOTH			'_____'	XSPECAA_RESOTH01
C14.C01	SPECAA_TOTHEI			'_____'	XSPECAA_TOTHEI01

Date last saved: 2011-09-05

Revision 1.1.1 (created 2010-10-28)

Revision 2.1.1 (Nulls input to derive to 13 underscores. Field type and format changed to Character to accommodate this: 2010-10-29)

Revision 2.1.2 (Note added that padding or training .000 not required in conversion to character. Zero removed from If/Else : 2010-11-01)

Revision 2.1.3 (Slight reworking of the label for XSPECAA_TOTHEI01 to remove duplicated words and to bring in line with spec: 2011-09-05)