
Estates Management record 2015/16

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Total volume of wastewater.....	659
Total waste mass.....	686
Total waste mass anaerobic digestion.....	687
Total waste mass composting.....	688
Total waste mass incineration.....	689
Total waste mass landfill.....	690

Total waste mass other.....	691
Total waste mass recycled.....	692
Total waste mass used to create energy.....	693
Total water and sewerage costs.....	702
Total water borehole extraction.....	706
Total water consumption.....	710
Total water costs.....	703
Total water supply grey water and rain water.....	712
Trapped by something collapsing.....	649
Use of renewable energy generated onsite or offsite - D72e.....	653
Use of renewable energy generated onsite or offsite where the ROCs are retained or not claimed.....	654
Use of renewable energy generated onsite or offsite where the ROCs are sold.....	655
Volume of wastewater.....	656
Waste mass - D73.....	660
Water and sewerage costs - D32.....	694
Water borehole extraction - D77b.....	704
Water consumption - D38b.....	707
Water supply grey water and rain water - D77a.....	711

All occupational diseases

Type	entity
Short Name	AllOccupationalDiseases
Description	The field in this entity contains data about all occupational diseases.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Employers are required to report cases of certain diagnosed reportable diseases which are linked with occupational exposure to specified hazards. The reportable diseases and associated hazards are set out below.</p> <p>Do not include such diseases occurring in commercially let space.</p> <p>Occupational diseases reportable under RIDDOR are:</p> <ul style="list-style-type: none"> • Carpal Tunnel Syndrome: where the person's work involves regular use of percussive or vibrating tools • Cramp of the hand or forearm: where the person's work involves prolonged periods of repetitive movement of the fingers, hand or arm • Occupational dermatitis: where the person's work involves significant or regular exposure to a known skin sensitiser or irritant • Hand Arm Vibration Syndrome: where the person's work involves regular use of percussive or vibrating tools, or holding materials subject to percussive processes, or processes causing vibration • Occupational asthma: where the person's work involves significant or regular exposure to a known respiratory sensitiser • Tendonitis or tenosynovitis: in the hand or forearm, where the person's work is physically demanding and involves frequent, repetitive movements <p>Further information on occupational diseases reportable under RIDDOR can be found on the RIDDOR website.</p>
Mandatory for	
Reason Required	
Part Of	Occupational diseases reportable under RIDDOR
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Total number of occupational diseases reportable under RIDDOR (ODRRDT)
Owner	HESA
Version	1.0

Total number of occupational diseases reportable under RIDDOR

Type	field
Short Name	ODRRDT
Description	This field contains data about the total number of occupational diseases.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of occupational diseases reportable under RIDDOR. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	All occupational diseases
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ODRRDT Data type: NUMBER3Type
Owner	HESA
Version	1.0

Another kind of accident

Type	entity
Short Name	AnotherKindOfAccident
Description	The fields in this entity contain data about the number of injuries from another kind of accident.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of injuries from another kind of accident.</p> <p>Do not include such injuries occurring in commercially let space.</p> <p>Further information on occupational injuries reportable under RIDDOR can be found in the document 'The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995'.</p>
Mandatory for	
Reason Required	
Part Of	Occupational injuries reportable under RIDDOR
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Number of staff injuries from another kind of accident (OSFACC)</p> <p>Number of student injuries from another kind of accident (OSTACC)</p> <p>Number of other persons injuries from another kind of accident (OOTACC)</p>
Owner	HESA
Version	1.0

Number of other persons injuries from another kind of accident

Type	field
Short Name	OOTACC
Description	This field contains data about the number of injuries to other persons than staff and students from another kind of accident.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to persons other than staff and student from another kind of accident. Figure for the whole estate of the HEP.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Another kind of accident
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OOTACC Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of staff injuries from another kind of accident

Type	field
Short Name	OSFACC
Description	This field contains data about the number injuries to staff from another kind of accident.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to staff from another kind of accident. Figure for the whole estate of the HEP.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Another kind of accident
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSFACC Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of student injuries from another kind of accident

Type	field
Short Name	OSTACC
Description	This field contains data about the number of injuries to students from another kind of accident.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to students from another kind of accident. Figure for the whole estate of the HEP.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Another kind of accident
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSTACC Data type: NUMBER3Type
Owner	HESA
Version	1.0

Area cleaned - D15

Type	entity
Short Name	AreaCleaned
Description	The fields in this entity contain data about the internal and external area cleaned.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The area cleaned on a regular and routine by the HEP in non-residential buildings. This area should relate to that space for which cleaning costs have been provided under Non-residential cleaning costs total. Exclude any highly specialised cleaning (e.g. contamination areas). Exclude any areas cleaned within commercial space.</p> <p>The area figure should be split as follows:</p> <ul style="list-style-type: none"> • Gross internal area cleaned (sq.m) • External site area cleaned (hectares) <p>In line with Cleaning costs, external window cleaning would normally be included as part of Internal Area cleaned, as it relates to the cleaning of premises. The external area cleaned should only cover those areas where routine cleaning is undertaken, which may be less than the whole estate.</p> <p>The external site area should reflect only non-residential sites.</p>
Mandatory for	
Reason Required	
Part Of	Space measurement
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential GIA cleaned (SMNRGIAC) Non-residential external site cleaned (SMNRESC)
Owner	HESA
Version	1.0

Non-residential external site cleaned

Type	field
Short Name	SMNRESC
Description	This field describes the external site area cleaned for the non-residential estate of an higher education provider (HEP). The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Hectare (ha)
Notes	This figure is for the external site area cleaned for the non-residential estate only, measured in hectares. non-residential
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Area cleaned - D15
Field Length	8
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMNRESC Data type: LENGTH8DECIMAL3Type
Owner	HESA
Version	1.0

Non-residential GIA cleaned

Type	field
Short Name	SMNRGIAC
Description	This field contains data about the Gross Internal Area (GIA) cleaned for the non-residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	This figure is for the GIA cleaned for the non-residential estate, measured in sq.m.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Area cleaned - D15
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMNRGIAC Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Building condition assessment condition - D20a

Type	entity
Short Name	ConditionAssessmentDefinition
Description	The fields in this entity contain data about building condition definition.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Figures are required for both the residential and non-residential estate for each of the five conditions. It is expected that HEPs carry out assessment of condition on a building by building basis, an overall view of the building should be taken.</p> <p>Report the percentage of GIA (excluding commercial space) which falls under the following headings:</p> <p>Condition A - As new condition - Typically features one or more of the following:</p> <ul style="list-style-type: none"> • typically built within the last five years or may have undergone a major refurbishment within this period, • maintained/serviced to ensure fabric and building services replicate conditions at installation, • no structural, building envelope, building services or statutory compliance issues apparent, • no impacts upon operation of the building. <p>Condition B - Sound, operationally safe, and exhibiting only minor deterioration - Typically features one or more of the following:</p> <ul style="list-style-type: none"> • maintenance will have been carried out, • minor deterioration to internal/external finishes, • few structural, building envelope, building services or statutory compliance issues apparent, • likely to have minor impacts upon the operation of the building. <p>Condition C - Operational but major repair or replacement needed in the short to medium-term (generally 3 years) - Typically features one or more of the following:</p> <ul style="list-style-type: none"> • requiring replacement of building elements or services elements in the short to medium-term, • several structural, building envelope, building services or statutory compliance issues apparent, or one particularly significant issue apparent, • often including identified problems with building envelope (windows/roof etc.), building services (boilers/chillers etc.), • likely to have major impacts upon the operation of the building, but still allow it to be operable. <p>Condition D - Inoperable or serious risk of major failure or breakdown - Typically features one or more of the following:</p> <ul style="list-style-type: none"> • building is inoperable or likely to become inoperable, due to statutory compliance issues or condition representing a health and safety risk or breach, • may be structural, building envelope, or building services problems coupled with compliance issues, • the conditions are expected to curtail operations within the building (exclude very minor items which can be rectified easily).

	<p>The assessment should also relate to current year condition and state. Thus, if the building is currently assessed as condition C but the HEP is aware that it will soon change to condition D, it should still be assessed as condition C. Furthermore, a building which is undergoing refurbishment should be reported as the condition it is in as at the end of the HESA reporting period.</p> <p>Building condition assessment updates should be undertaken annually. A full condition survey should be carried out regularly (no more than a 5 year cycle) by an appropriately qualified and experienced professional (e.g. a specialist in condition surveys and legislative compliance who may be either in-house or an external consultant). Should the survey data not be up to date, the data should be returned as estimated. Any data returned must be supportable by audit.</p> <p>Good practice methodology</p> <p>The following methodology is provided as an example of best practice in carrying out building condition assessment; it is not a requirement that this method is used. However, it is expected that the assessment will be undertaken by an appropriately qualified and experienced professional using an objective assessment methodology.</p> <p>Each building can be given a condition grade based on the relationship between repair and rebuilding costs as follows:</p> <p>$X=R / IRV$ where R= net cost of all currently identified repairs at the point of the annual assessment update, and IRV = net replacement value of the building, based upon its current function (using BCIS published data). Repair costs should include those associated with ensuring legislative compliance (see Current cost of legislative compliance). To ensure comparability, both repair costs and rebuilding costs should be net, i.e. excluding all associated professional fees, statutory fees, contingencies and VAT etc. and should be at present day values, excluding inflation.</p> <p>As a general guide, where X is:</p> <ul style="list-style-type: none"> • < 5%, this indicates condition A (or where the building is less than 5 years old), • between 5% and 20% indicates condition B, • between 20% and 50% indicates condition C, • >= 50% indicates condition D. <p>The proportion of the overall estate which falls into each of the condition categories should be calculated by floor area.</p>
Mandatory for	
Reason Required	
Part Of	Buildings and functionality
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential building condition assessment condition A (BNRADCA) Non-residential building condition assessment condition B (BNRADCB) Non-residential building condition assessment condition C (BNRADCC) Non-residential building condition assessment condition D (BNRADCD) Residential building condition assessment condition A (BRADCA) Residential building condition assessment condition B (BRADCB) Residential building condition assessment condition C (BRADCC) Residential building condition assessment condition D (BRADCD)

Owner	HESA
Version	1.0

Non-residential building condition assessment condition A

Type	field
Short Name	BNRADCA
Description	This field contains data about non-residential building condition which has been assessed as condition A. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Building condition % of Non-residential GIA: Condition A (As new condition).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, financial health monitoring and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Building condition assessment condition - D20a
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRADCA Data type: PERCENTType
Owner	HESA
Version	1.0

Non-residential building condition assessment condition B

Type	field
Short Name	BNRADCB
Description	This field contains data about non-residential building condition which has been assessed as being condition B. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Building condition % of Non-residential GIA: Condition B (Sound, operationally safe, and exhibiting only minor deterioration).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, financial health monitoring and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Building condition assessment condition - D20a
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRADCB Data type: PERCENTType
Owner	HESA
Version	1.0

Non-residential building condition assessment condition C

Type	field
Short Name	BNRADCC
Description	This field contains data about non-residential building condition which has been assessed as being condition C. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Building condition % of Non-residential GIA: Condition C (Operational but major repair or replacement needed in the short to medium-term).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, financial health monitoring and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Building condition assessment condition - D20a
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRADCC Data type: PERCENTType
Owner	HESA
Version	1.0

Non-residential building condition assessment condition D

Type	field
Short Name	BNRADCD
Description	This field contains data about non-residential building condition assessment which has been assessed as being condition D. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Building condition % of Non-residential GIA: Condition D (Inoperable or serious risk of major failure or breakdown).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, financial health monitoring and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Building condition assessment condition - D20a
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRADCD Data type: PERCENTType
Owner	HESA
Version	1.0

Residential building condition assessment condition A

Type	field
Short Name	BRADCA
Description	This field contains data about residential building condition assessment which has been assessed as condition A. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Building condition % of Residential GIA: Condition A (As new condition).
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Building condition assessment condition - D20a
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRADCA Data type: PERCENTType
Owner	HESA
Version	1.0

Residential building condition assessment condition B

Type	field
Short Name	BRADCB
Description	This field contains data about residential building condition assessment which has been assessed as condition B. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Building condition % of Residential GIA: Condition B (Sound, operationally safe, and exhibiting only minor deterioration).
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Building condition assessment condition - D20a
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRADCB Data type: PERCENTType
Owner	HESA
Version	1.0

Residential building condition assessment condition C

Type	field
Short Name	BRADCC
Description	This field contains data about residential building condition assessment which has been assessed as condition C. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Building condition % of Residential GIA: Condition C (Operational but major repair or replacement needed in the short to medium-term).
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Building condition assessment condition - D20a
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRADCC Data type: PERCENTType
Owner	HESA
Version	1.0

Residential building condition assessment condition D

Type	field
Short Name	BRADCD
Description	This field contains data about residential building condition assessment which has been assessed as condition D. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Building condition % of Residential GIA: Condition D (Inoperable or serious risk of major failure or breakdown).
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Building condition assessment condition - D20a
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRADCD Data type: PERCENTType
Owner	HESA
Version	1.0

Building condition assessment cost to upgrade - D20b

Type	entity
Short Name	ConditionAssessmentUpgradeCost
Description	The fields in this entity contain data about costs to upgrade building condition.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>This definition is based around the maintenance costs required to up-grade the whole estate (excluding any commercial space) to condition B.</p> <p>The costs should include ensuring legislative compliance (see Current cost of legislative compliance). Costs to upgrade should include professional fees, statutory fees, contingencies and VAT but should exclude inflation.</p> <p>Define the cost to upgrade all space in Condition D to Condition B, and the cost to upgrade all space in Condition C to Condition B.</p> <p>A building or proportion of building could be classed, for example, as Condition C relative to original condition gradings but would have the additional notation identifying costs necessary at today's figures to return the building to Condition B. This may result in the condition grade C-675,000 for example.</p> <p>This provides a summary of building condition through grading but also an indication of cost scale/magnitude to rectify. It also enables the difference between planned maintenance and overall 'backlog' works to be reconciled.</p>
Mandatory for	
Reason Required	
Part Of	Buildings and functionality
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential building condition assessment cost to upgrade condition C to B (BNRAUCB) Non-residential building condition assessment cost to upgrade condition D to B (BNRAUDB) Residential building condition assessment cost to upgrade condition C to B (BRAUCB) Residential building condition assessment cost to upgrade condition D to B (BRAUDB)
Owner	HESA
Version	1.0

Non-residential building condition assessment cost to upgrade condition C to B

Type	field
Short Name	BNRAUCB
Description	This field contains data about costs to upgrade non-residential buildings from condition C to B.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Building condition cost to upgrade from condition C to condition B for the non-residential estate.
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, financial health monitoring and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Building condition assessment cost to upgrade - D20b
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRAUCB Data type: NUMBER10Type
Owner	HESA
Version	1.0

Non-residential building condition assessment cost to upgrade condition D to B

Type	field
Short Name	BNRAUDB
Description	This field contains data about costs to upgrade non-residential buildings from condition D to B.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Building condition cost to upgrade from condition D to condition B for the non-residential estate.
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, financial health monitoring and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Building condition assessment cost to upgrade - D20b
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRAUDB Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential building condition assessment cost to upgrade condition C to B

Type	field
Short Name	BRAUCB
Description	This field contains data about costs to upgrade non-residential buildings from condition C to B.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Building condition cost to upgrade from condition C to condition B for the residential estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Building condition assessment cost to upgrade - D20b
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRAUCB Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential building condition assessment cost to upgrade condition D to B

Type	field
Short Name	BRAUDB
Description	This field contains data about costs to upgrade non-residential buildings from condition D to B.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Building condition cost to upgrade from condition D to condition B for the residential estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Building condition assessment cost to upgrade - D20b
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRAUDB Data type: NUMBER10Type
Owner	HESA
Version	1.0

Buildings and functionality

Type	entity
Short Name	BuildingsandFunctionality
Description	Data about buildings and their functionality are contained in this entity.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	
Mandatory for	
Reason Required	
Part Of	Estates management
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Number of sites - D06 Number of buildings - D07 Tenure - D19 Private finance initiative or public private partnership - D19a Building condition assessment condition - D20a Building condition assessment cost to upgrade - D20b Functional suitability - D21 Construction date - D22 Insurance replacement value - D24 Method of space apportionment - D41 Percentage of Net Internal Area used for time-tabled teaching - D44 Listed building coverage - D70 Number of car parking spaces - D71 Number of cycle spaces - D76
Owner	HESA
Version	1.0

Capital expenditure buildings - D25

Type	entity
Short Name	CapitalExpenditureBuildings
Description	The fields in this entity contain data about the capital expenditure of buildings.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>FSR definitions</p> <p>Capital expenditure covers all expenditure which increases the value of an HEP's (or a subsidiary undertaking's) fixed assets, including the purchase of land, buildings, and those items of equipment which are included in the HEP's register of fixed assets and shown in the balance sheet. The capital expenditure should thus be consistent with the additions to fixed assets shown in a note to the balance sheet.</p>
Mandatory for	
Reason Required	
Part Of	Finance
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	HESA supplied non-residential capital expenditure buildings (FNRCEX) HESA supplied catering capital expenditure buildings (FCATCEX) HESA supplied residences capital expenditure buildings (FRESCCEX) HESA supplied total capital expenditure buildings (FCEXT)
Owner	HESA
Version	1.0

HESA supplied catering capital expenditure buildings

Type	field
Short Name	FCATCEX
Description	This field contains data about the capital expenditure incurred on catering.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	<p>This data will be provided by HESA.</p> <p>This figure is taken from the Finance record Table 9 UK 'Capital expenditure' sub-head 2a 'Catering operations (Buildings)'.</p> <p>FSR definition</p> <p>Catering operations (Buildings) includes capital expenditure incurred on catering.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Capital expenditure buildings - D25
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FCATCEX Data type: NUMBER10Type
Owner	HESA
Version	1.0
Change management notes	Data item added to the Estates management record for 2015/16. Following changes to the Finance collection, catering financial information is collected separate from the residential financial information.

HESA supplied non-residential capital expenditure buildings

Type	field
Short Name	FNRCEX
Description	This field contains data about the capital expenditure of buildings on the non-residential estate..
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	<p>This data will be provided by HESA.</p> <p>This figure is taken from the Finance record Table 9 UK 'Capital expenditure' sub-head 3a 'Other operations (Buildings)'.</p> <p>FSR definition</p> <p>Other operations (Buildings) includes capital expenditure incurred on non-residential, non-catering and non-conference land and building projects.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Capital expenditure buildings - D25
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRCEX Data type: NUMBER10Type
Owner	HESA
Version	1.0

HESA supplied residences capital expenditure buildings

Type	field
Short Name	FRESEX
Description	This field contains data about the capital expenditure incurred on residences.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	<p>This data will be provided by HESA.</p> <p>This figure is taken from the Finance record Table 9 UK 'Capital expenditure' sub-head 1a 'Residences operations (Buildings)'.</p> <p>FSR definition</p> <p>Residences (Buildings) includes capital expenditure incurred on residences.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Capital expenditure buildings - D25
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRESEX Data type: NUMBER10Type
Owner	HESA
Version	1.0
Change management notes	Data item added to the Estates management record for 2015/16. Following changes to the Finance collection, catering financial information is collected separate from the residential financial information.

HESA supplied total capital expenditure buildings

Type	field
Short Name	FCEXT
Description	This field contains data about the total capital expenditure of buildings on the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	<p>This data will be provided by HESA.</p> <p>Total capital expenditure buildings costs for buildings on the whole estate. This will correspond to the Finance record Table 9 UK 'Capital expenditure' sub-head 1a 'Residences operations (Buildings)' plus sub-head 2a 'Catering operations (Buildings)' plus 3a 'Other operations (Buildings)'. Sum total of HESA supplied non-residential capital expenditure buildings, HESA supplied catering capital expenditure buildings and HESA supplied residences capital expenditure buildings.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Capital expenditure buildings - D25
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FCEXT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Carbon reduction commitment

Type	entity
Short Name	CarbonReductionCommitment
Description	The fields in this entity contain data about the participation, or not, in the Carbon Reduction Commitment Energy Efficiency Scheme.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Participation, or not, in the Carbon Reduction Commitment Energy Efficiency Scheme.</p> <p>Further information on the carbon reduction commitment energy efficiency scheme can be found on the Department of Energy and Climate Change website.</p>
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Carbon reduction commitment energy efficiency scheme participation (ECAREF) Carbon reduction commitment energy efficiency scheme cost (ECAREFCS)
Owner	HESA
Version	1.0

Carbon reduction commitment energy efficiency scheme cost

Type	field
Short Name	ECAREFCS
Description	This field contains data about the cost of compliance with the Carbon Reduction Commitment Energy Efficiency Scheme (CRCEES).
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total cost of compliance with the Carbon Reduction Commitment Energy Efficiency Scheme for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Carbon reduction commitment
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ECAREFCS Data type: NUMBER10Type
Owner	HESA
Version	1.0

Carbon reduction commitment energy efficiency scheme participation

Type	field
Short Name	ECAREF
Description	This field contains data about the participation, or not, in the Carbon Reduction Commitment Energy Efficiency Scheme (CRCEES).
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Valid Entries and Labels	Y Yes N No
Notes	<p>Does the HEP participate in the Carbon Reduction Commitment Energy Efficiency Scheme?</p> <ul style="list-style-type: none"> • Y 'Yes' must be used when the HEP participates in the Carbon Reduction Commitment Energy Efficiency Scheme, • N 'No' must be used when the HEP does not participate in the Carbon Reduction Commitment Energy Efficiency Scheme.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Carbon reduction commitment
Field Length	1
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ECAREF Data type: ECAREFCodeContentType
Owner	HESA
Version	1.0

Carbon reduction target

Type	entity
Short Name	CarbonReductionTarget
Description	The field in this entity contains data about the carbon reduction target
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>This field records the HEP's absolute carbon reduction target in percentage for scope 1 and 2 emissions between 2005 and 2020.</p> <p>HEPs in England are required to have such a target as part of a carbon management plan.</p>
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Total carbon reduction target (ECARRTT)
Owner	HESA
Version	1.0

Total carbon reduction target

Type	field
Short Name	ECARRTT
Description	This field contains data about the carbon reduction target. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Carbon reduction target for scope 1 and 2 emissions to 2020 against a 2005 baseline for the whole estate.
Mandatory for	England
Reason Required	For monitoring progress towards sector carbon targets
Part Of	Carbon reduction target
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ECARRTT Data type: PERCENTType
Owner	HESA
Version	1.0

Central post room and internal distribution services costs - D62

Type	entity
Short Name	CentralPostRoomandInternalDistributionServicesCosts
Description	The fields in this entity contain data about central post room and internal distribution services costs.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The total costs of all central post room and internal distribution services, excluding postage or courier contracts.</p> <p>Post room and messenger staff costs are included as well as the cost of activities such as opening, collating, distributing, collecting, packaging, stamping, recording, and despatching mail.</p> <p>Exclude costs relating to commercial space.</p> <p>Exclude the costs of stamps and similar mailing costs as well as all couriers and special delivery costs.</p>
Mandatory for	
Reason Required	
Part Of	Finance
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential central post room and internal distribution services costs (FNRPRIDSC) Residential central post room and internal distribution services costs (FRPRIDSC) Total central post room and internal distribution services costs (FPRIDSCT)
Owner	HESA
Version	1.0

Non-residential central post room and internal distribution services costs

Type	field
Short Name	FNRPRIDSC
Description	This field contains data about central post room and internal distribution services costs for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the central post room and internal distribution services costs of the non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Central post room and internal distribution services costs - D62
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRPRIDSC Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential central post room and internal distribution services costs

Type	field
Short Name	FRPRIDSC
Description	This field contains data about central post room and internal distribution services costs for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the central post room and internal distribution services costs of the residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Central post room and internal distribution services costs - D62
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRPRIDSC Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total central post room and internal distribution services costs

Type	field
Short Name	FPRIDSCT
Description	This field contains data about the total central post room and internal distribution services costs for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total central post room and internal distribution services costs for the whole estate. Sum total of Non-residential central post room and internal distribution services costs and Residential central post room and internal distribution services costs.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Central post room and internal distribution services costs - D62
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FPRIDSCT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Cleaning costs - D34

Type	entity
Short Name	CleaningCosts
Description	The fields in this entity contain data about cleaning costs.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Actual revenue costs of all regular and routine cleaning of internal and external spaces, including the cleaning of furniture and windows (internal and external), rubbish picking duties, janitorial staffing (if directly associated with cleaning), etc. Include also the costs of refuse and general waste disposal, but not water sewerage or trade effluent. Pest control costs as well as cleaning external signage and the removal of graffiti should also be included. Costs of vehicles used for cleaning e.g. rubbish collection vans should be included.</p> <p>Exclude any cleaning costs associated with commercial space.</p> <p>Costs should be made up as follows:</p> <ul style="list-style-type: none"> • staff costs (salary, national insurance, pension contributions, and the value of other benefits as notified to Inland Revenue), • staff costs associated with the direct supervision of cleaning but exclude the costs of 'top level' management time spent on budget setting and overall control, • direct support costs (service charges, expenses, computing, communications and consumables) associated with cleaning, • materials required for cleaning, • costs of external contractors. <p>Specifically exclude any costs included under the heading of facilities management costs and the costs of cleaning catering installations, mechanical and electrical services, items included elsewhere (e.g. grounds maintenance), vending machine support.</p> <p>Costs should be split between those that are internal and those that are external.</p> <p>The cleaning of windows (both internal and external) should be classed as an internal cleaning cost. External cleaning costs should only relate to external areas routinely cleaned, which may not include the whole estate. The Non-residential cleaning costs total should relate to the area cleaned figures provided under Area cleaned.</p>
Mandatory for	
Reason Required	
Part Of	Finance
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential cleaning costs internal (FNRCIN) Non-residential cleaning costs external (FNRCCEX) Non-residential cleaning costs total (FNRCCT) Residential cleaning costs internal (FRCCIN)

	Residential cleaning costs external (FRCCEX) Residential cleaning costs total (FRCCT) Total cleaning costs internal (FCCINT) Total cleaning costs external (FCCEXT) Total cleaning costs (FCCT)
Owner	HESA
Version	1.0

Non-residential cleaning costs external

Type	field
Short Name	FNRCCEX
Description	This field contains data about external cleaning costs for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the external cleaning costs for the total non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Cleaning costs - D34
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRCCEX Data type: NUMBER10Type
Owner	HESA
Version	1.0

Non-residential cleaning costs internal

Type	field
Short Name	FNRCCIN
Description	This field contains data about internal cleaning costs for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the internal cleaning costs for the total non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Cleaning costs - D34
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRCCIN Data type: NUMBER10Type
Owner	HESA
Version	1.0

Non-residential cleaning costs total

Type	field
Short Name	FNRCCT
Description	This field contains data about the total cleaning costs for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total cleaning costs for the non-residential estate. Sum total of Non-residential cleaning costs internal and Non-residential cleaning costs playing external.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Cleaning costs - D34
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRCCT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential cleaning costs external

Type	field
Short Name	FRCCEX
Description	This field contains data about external cleaning costs for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the external cleaning costs for the residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Cleaning costs - D34
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRCCEX Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential cleaning costs internal

Type	field
Short Name	FRCCIN
Description	This field contains data about internal cleaning costs for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the internal cleaning costs for the residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Cleaning costs - D34
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRCCIN Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential cleaning costs total

Type	field
Short Name	FRCCT
Description	This field contains data about the total cleaning costs for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total cleaning costs for the residential estate. Sum total of Residential cleaning costs internal and Residential cleaning costs external.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Cleaning costs - D34
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRCCT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total cleaning costs

Type	field
Short Name	FCCT
Description	This field contains data about the total cleaning costs for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total cleaning costs for the whole estate. Sum total of Non-residential cleaning costs total and Residential cleaning costs total.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Cleaning costs - D34
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FCCT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total cleaning costs external

Type	field
Short Name	FCCEXT
Description	This field contains data about the total external cleaning costs for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total external cleaning costs for the whole estate. Sum total of Non-residential cleaning costs external and Residential cleaning costs external.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Cleaning costs - D34
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FCCEXT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total cleaning costs internal

Type	field
Short Name	FCCINT
Description	This field contains data about the total internal cleaning costs for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total internal cleaning costs for the whole estate. Sum total of Non-residential cleaning costs internal and Residential cleaning costs internal.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Cleaning costs - D34
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FCCINT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Construction date - D22

Type	entity
Short Name	ConstructionDate
Description	The fields in this entity contain data about the construction dates of buildings.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Approximate year of construction of the predominant part of the building, by Total GIA. Where buildings have been substantially reconstructed, the date of construction should reflect the year of that reconstruction.</p> <p>Exclude commercial space i.e. buildings not used for HEP purposes.</p> <p>Give percentage of Total GIA originally constructed in each of the following periods: % GIA since 2000, % GIA, 1980-1999, % GIA, 1960-1979, % GIA, 1940-1959, % GIA, 1915-1939, % GIA, 1840-1914, % GIA, built before 1840.</p> <p>To supply this data it will be necessary to record the age of each building.</p>
Mandatory for	
Reason Required	
Part Of	Buildings and functionality
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential construction date since 2000 (BNRD2000) Non-residential construction date 1980-1999 (BNRD1980) Non-residential construction date 1960-1979 (BNRD1960) Non-residential construction date 1940-1959 (BNRD1940) Non-residential construction date 1915-1939 (BNRD1915) Non-residential construction date 1840-1914 (BNRD1840) Non-residential construction date before 1840 (BNRB1840) Residential construction date since 2000 (BRD2000) Residential construction date 1980-1999 (BRD1980) Residential construction date 1960-1979 (BRD1960) Residential construction date 1940-1959 (BRD1940) Residential construction date 1915-1939 (BRD1915) Residential construction date 1840-1914 (BRD1840) Residential construction date before 1840 (BRB1840)
Owner	HESA
Version	1.0

Non-residential construction date 1840-1914

Type	field
Short Name	BNRD1840
Description	This field contains data about non-residential buildings which were constructed between 1840 and 1914. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Construction date % of Total GIA: Built between 1840-1914. Non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Construction date - D22
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRD1840 Data type: PERCENTType
Owner	HESA
Version	1.0

Non-residential construction date 1915-1939

Type	field
Short Name	BNRD1915
Description	This field contains data about non-residential buildings constructed between 1915 and 1939. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Construction date % of Total GIA: Built between 1915-1939. Non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Construction date - D22
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRD1915 Data type: PERCENTType
Owner	HESA
Version	1.0

Non-residential construction date 1940-1959

Type	field
Short Name	BNRD1940
Description	This field contains data about non-residential buildings which were constructed between 1940 and 1959. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Construction date % of Total GIA: Built between 1940-1959. Non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Construction date - D22
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRD1940 Data type: PERCENTType
Owner	HESA
Version	1.0

Non-residential construction date 1960-1979

Type	field
Short Name	BNRD1960
Description	This field contains data about non-residential buildings which were constructed between 1960 and 1979. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Construction date % of Total GIA: Built between 1960-1979. Non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Construction date - D22
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRD1960 Data type: PERCENTType
Owner	HESA
Version	1.0

Non-residential construction date 1980-1999

Type	field
Short Name	BNRD1980
Description	This field contains data about non-residential buildings which were constructed between 1980 and 1999. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Construction date % of Total GIA: Built between 1980-1999. Non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Construction date - D22
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRD1980 Data type: PERCENTType
Owner	HESA
Version	1.0

Non-residential construction date before 1840

Type	field
Short Name	BNRB1840
Description	This field contains data about non-residential buildings which were constructed before 1840. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Construction date % of Total GIA: Built before 1840. Non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Construction date - D22
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRB1840 Data type: PERCENTType
Owner	HESA
Version	1.0

Non-residential construction date since 2000

Type	field
Short Name	BNRD2000
Description	This field contains data about non-residential buildings which have been constructed since 2000. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Construction date % of Total GIA: Built since 2000. Non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Construction date - D22
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRD2000 Data type: PERCENTType
Owner	HESA
Version	1.0

Residential construction date 1840-1914

Type	field
Short Name	BRD1840
Description	This field contains data about residential buildings which were constructed between 1840 and 1914. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Construction date % of Total GIA: Built between 1840-1914. Residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Construction date - D22
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRD1840 Data type: PERCENTType
Owner	HESA
Version	1.0

Residential construction date 1915-1939

Type	field
Short Name	BRD1915
Description	This field contains data about residential buildings which were constructed between 1915 and 1939. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Construction date % of Total GIA: Built between 1915-1939. Residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Construction date - D22
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRD1915 Data type: PERCENTType
Owner	HESA
Version	1.0

Residential construction date 1940-1959

Type	field
Short Name	BRD1940
Description	This field contains data about residential buildings which were constructed between 1940 and 1959. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Construction date % of Total GIA: Built between 1940-1959. Residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Construction date - D22
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRD1940 Data type: PERCENTType
Owner	HESA
Version	1.0

Residential construction date 1960-1979

Type	field
Short Name	BRD1960
Description	This field contains data about residential buildings which were constructed between 1960 and 1979. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Construction date % of Total GIA: Built between 1960-1979. Residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Construction date - D22
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRD1960 Data type: PERCENTType
Owner	HESA
Version	1.0

Residential construction date 1980-1999

Type	field
Short Name	BRD1980
Description	This field contains data about residential buildings which were constructed between 1980 and 1999. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Construction date % of Total GIA: Built between 1980-1999. Residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Construction date - D22
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRD1980 Data type: PERCENTType
Owner	HESA
Version	1.0

Residential construction date before 1840

Type	field
Short Name	BRB1840
Description	This field contains data about residential buildings which were constructed before 1840. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Construction date % of Total GIA: Built before 1840. Residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Construction date - D22
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRB1840 Data type: PERCENTType
Owner	HESA
Version	1.0

Residential construction date since 2000

Type	field
Short Name	BRD2000
Description	This field contains data about residential buildings which have been constructed since 2000. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Construction date % of Total GIA: Built since 2000. Residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Construction date - D22
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRD2000 Data type: PERCENTType
Owner	HESA
Version	1.0

Contact with electricity or an electrical discharge

Type	entity
Short Name	ContactWithElectricityorAnElectricalDischarge
Description	The fields in this entity contain data about the number of injuries as a result of contact with electricity or an electrical discharge.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of injuries as a result of contact with electricity or an electrical discharge.</p> <p>Do not include such injuries occurring in commercially let space.</p> <p>Further information on occupational injuries reportable under RIDDOR can be found in the document 'The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995'.</p>
Mandatory for	
Reason Required	
Part Of	Occupational injuries reportable under RIDDOR
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Number of staff injuries from contact with electricity or an electrical discharge (OSFEED)</p> <p>Number of student injuries from contact with electricity or an electrical discharge (OSTEED)</p> <p>Number of other persons injuries from contact with electricity or an electrical discharge (OOTEED)</p>
Owner	HESA
Version	1.0

Number of other persons injuries from contact with electricity or an electrical discharge

Type	field
Short Name	OOTEED
Description	This field contains data about the injuries to persons other than staff and students as a result of contact with electricity or an electrical discharge.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to persons other than staff and student as a result of contact with electricity or an electrical discharge. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Contact with electricity or an electrical discharge
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OOTEED Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of staff injuries from contact with electricity or an electrical discharge

Type	field
Short Name	OSFEED
Description	This field contains data about the number of injuries to staff as a result of contact with electricity or an electrical discharge.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to staff as a result of contact with electricity or an electrical discharge. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Contact with electricity or an electrical discharge
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSFEED Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of student injuries from contact with electricity or an electrical discharge

Type	field
Short Name	OSTEED
Description	This field contains data about the number of injuries to students as a result of contact with electricity or an electrical discharge.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to students as a result of contact with electricity or an electrical discharge. Figure for the whole estate of the HEP.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Contact with electricity or an electrical discharge
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSTEED Data type: NUMBER3Type
Owner	HESA
Version	1.0

Contact with moving machinery or material being machined

Type	entity
Short Name	ContactWithMovingMachineryorMaterialBeingMachined
Description	The fields in this entity contain data about the number of injuries from contact with moving machinery or material being machined.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of injuries from contact with moving machinery or material being machined.</p> <p>Do not include such injuries occurring in commercially let space.</p> <p>Further information on occupational injuries reportable under RIDDOR can be found in the document 'The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995'.</p>
Mandatory for	
Reason Required	
Part Of	Occupational injuries reportable under RIDDOR
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Number of staff injuries from contact with moving machinery or material being machined (OSFIJMMM)</p> <p>Number of student injuries from contact with moving machinery or material being machined (OSTIJMMM)</p> <p>Number of other persons injuries from contact with moving machinery or material being machined (OOTIJMMM)</p>
Owner	HESA
Version	1.0

Number of other persons injuries from contact with moving machinery or material being machined

Type	field
Short Name	OOTIJMMM
Description	This field contains data about the number of injuries to persons other than staff and students from contact with moving machinery or material being machined.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to persons other than staff and students from contact with moving machinery or material being machined. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Contact with moving machinery or material being machined
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OOTIJMMM Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of staff injuries from contact with moving machinery or material being machined

Type	field
Short Name	OSFIJMMM
Description	This field contains data about the number of injuries to staff from contact with moving machinery or material being machined.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of staff injuries from contact with moving machinery or material being machined. Figure for the whole estate of the HEP.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Contact with moving machinery or material being machined
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSFIJMMM Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of student injuries from contact with moving machinery or material being machined

Type	field
Short Name	OSTIJMMM
Description	This field contains data about the number of injuries to students from contact with moving machinery or material being machined.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to students from contact with moving machinery or material being machined. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Contact with moving machinery or material being machined
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSTIJMMM Data type: NUMBER3Type
Owner	HESA
Version	1.0

Dangerous occurrences

Type	entity
Short Name	DangerousOccurrences
Description	Data about dangerous occurrences is contained in this entity.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of dangerous occurrences. Figure for the whole estate.</p> <p>Do not include such occurrences in commercially let space.</p>
Mandatory for	
Reason Required	
Part Of	Health and Safety
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	RIDDOR reportable dangerous occurrences Other dangerous occurrences
Owner	HESA
Version	1.0

Directly exposed to fire or smoke

Type	entity
Short Name	DirectlyExposedToFireorSmoke
Description	The fields in this entity contain data about the number of persons directly exposed to fire or smoke.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Those directly exposed to fire or smoke rather than everyone evacuated from a building in the event of fire or smoke. Exclude those occurring in space not managed by the HEP.
Mandatory for	
Reason Required	
Part Of	Incidents involving fire
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Number of staff directly exposed to fire or smoke (IFSFEFS) Number of students directly exposed to fire or smoke (IFSTEFS) Number of other persons directly exposed to fire or smoke (IFOTEFS)
Owner	HESA
Version	1.0

Number of other persons directly exposed to fire or smoke

Type	field
Short Name	IFOTEFS
Description	This field contains data about the number of persons other than staff or students directly exposed to fire or smoke.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of persons other than staff or students directly exposed to fire or smoke. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Directly exposed to fire or smoke
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFOTEFS Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of staff directly exposed to fire or smoke

Type	field
Short Name	IFSFEFS
Description	This field contains data about the number of staff directly exposed to fire or smoke.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of staff directly exposed to fire or smoke. Figure for whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Directly exposed to fire or smoke
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFSFEFS Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of students directly exposed to fire or smoke

Type	field
Short Name	IFSTEFS
Description	This field contains data about the number of students directly exposed to fire or smoke.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of students directly exposed to fire or smoke. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Directly exposed to fire or smoke
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFSTEFS Data type: NUMBER3Type
Owner	HESA
Version	1.0

Drowned or asphyxiated

Type	entity
Short Name	DrownedorAsphyxiated
Description	The fields in this entity contain data about the number of injuries caused by being drowned or asphyxiated.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of injuries caused by being drowned or asphyxiated.</p> <p>Do not include such injuries occurring in commercially let space.</p> <p>Further information on occupational injuries reportable under RIDDOR can be found in the document 'The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995'.</p>
Mandatory for	
Reason Required	
Part Of	Occupational injuries reportable under RIDDOR
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Number of staff injuries from being drowned or asphyxiated (OSFDRAX)</p> <p>Number of student injuries from being drowned or asphyxiated (OSTDRAX)</p> <p>Number of other persons injuries from being drowned or asphyxiated (OOTDRAX)</p>
Owner	HESA
Version	1.0

Number of other persons injuries from being drowned or asphyxiated

Type	field
Short Name	OOTDRAX
Description	This field contains data about the number injuries to persons other than staff and students caused by being drowned or asphyxiated.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to persons other than staff and students caused by being drowned or asphyxiated. Figure for the whole estate of the HEP.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Drowned or asphyxiated
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OOTDRAX Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of staff injuries from being drowned or asphyxiated

Type	field
Short Name	OSFDRAX
Description	This field contains data about the number of injuries to staff caused by being drowned or asphyxiated.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to staff caused by being drowned or asphyxiated. Figure for the whole estate of the HEP.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Drowned or asphyxiated
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSFDRAX Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of student injuries from being drowned or asphyxiated

Type	field
Short Name	OSTDRAX
Description	This field contains data about the number of injuries to staff caused by being drowned or asphyxiated.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to staff caused by being drowned or asphyxiated. Figure for the whole estate of the HEP.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Drowned or asphyxiated
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSTDRAX Data type: NUMBER3Type
Owner	HESA
Version	1.0

Energy consumption - D38a

Type	entity
Short Name	EnergyConsumption
Description	The fields in this entity contain data about energy consumption.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Energy consumption, defined in kilowatt-hours (kWh), including gas, liquefied petroleum gas, oil and electricity.</p> <p>Consumption figures should exclude any usage within commercial space.</p> <p>A breakdown should be provided as well as a total figure for a full year's consumption as at the end of the academic year.</p> <p>Note that the breakdown of energy consumption by fuel type should only be provided for the whole estate, and is not required split into non-residential and residential.</p> <p>The types of fuels reflect the types used for calculating carbon emissions. The Defra conversion factors and guidance provide the conversion factors as well as supplemental information. Return '0' if none of these fuel types are used.</p> <p>The following factors are the basis for converting oil and natural gas figures to kWh:</p> <ul style="list-style-type: none"> • litres of oil x 10.6 = kWh equivalent, • therms of natural gas x 29.31 = kWh equivalent. <p>There are difficulties with the measurement of consumption under certain circumstances, some of which are considered:</p> <p>Electricity</p> <p>Tariffs based on 'maximum demand' consumption may not provide actual kWh consumption. This figure should be requested from the local electricity board.</p> <p>Gas meters</p> <p>Readings should be made to the nearest 100 cubic feet or nearest cubic metre. Annual consumption figures should be modified pro rata if readings are not exactly one year apart. However, the readings must not be more than thirteen months apart or less than eleven months apart.</p> <p>Oil metering</p> <p>In cases where no oil meters are installed, the amount of oil consumed within a period will be logged using dip rods. For example:</p> <ul style="list-style-type: none"> • dip rod reading on last day of January: 1,050 litres,

- delivery of oil on second week in February: 3,000 litres,
- dip rod reading on last day of February: 2,500 litres,
- amount used in February: (1,050+3,000) less 2,500=1,550 litres.

District heating

Systems which distribute steam or hot water to multiple buildings. District heating can be provided from a variety of sources. All sources of district heating purchased should be included under this category. This includes third parties external to the HEP who generate power away from the site (such as a local authority or using waste heat from external industrial processes), as well as HEP-owned third parties used to supply combined heating and power (CHP) energy. It will be important to ensure that there is no double-counting in the energy consumption of other fuels, such as gas. The distinction between energy consumption from combined heating and power will be important in relation to the energy emissions figure to be returned under Scope 1+2 carbon emissions (energy use).

Combined heat and power (CHP)

In order to avoid double-counting, consumption and emissions relating to a CHP unit will be accounted for as follows in accordance with Defra conversion factors and guidance.

Where an HEP uses all the outputs of a CHP unit:

- inputs (generally gas, but sometimes other types of solid or fossil fuels) will be included in the scope 1 and 2 CO₂ emissions but should be excluded from energy consumption totals,
- outputs (heat kWh and power kWh) will be excluded from the CO₂ emissions total but should be included in energy consumption totals (heat rejected from the CHP engine and not used on the site i.e. dump cooler, should be subtracted from the heat output figure of the CHP, because the energy cannot be utilised on site i.e. summertime).

If you purchase electricity or heat from a third-party CHP unit for your own consumption, you should report this consumption under grid electricity and steam/hot water. Defra greenhouse gas reporting guidelines state that the one year average factor should be used for electricity purchased from a third-party CHP unit.

If you export a proportion of electricity or heat from a CHP unit that you operate you should follow guidance in Annex D of the 'Environmental Reporting Guidelines' as part of the Defra conversion factors and guidance to attribute emissions and consumption between users.

To convert figures into kWh:

- multiply megawatt hours by 1,000,
- multiply gigajoule hours by 278,
- multiply tons of steam by 698,
- multiply Gcal by 1,163.

Liquified petroleum gas

Include figures for any LPG gas purchased and used directly by the HEP for cooking or heating purposes. Also include any LPG gas purchased for scientific laboratories. Exclude any LPG used by contract, cost or profit catering centres operated by external contractors.

LPG consumption should be provided by bills for refilling containers or providing new

	<p>containers. Assume that all LPG provided and paid for has been consumed. Therefore, take billing figures over a full calendar year.</p> <p>To convert figures into kWh:</p> <ul style="list-style-type: none"> • multiply litres by 7.0, • multiply kg by 13.9.
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Energy consumption grid electricity (EEGELEC)</p> <p>Energy consumption biofuels (EECBIOFU)</p> <p>Energy consumption burning oil (EECBUOIL)</p> <p>Energy consumption compressed natural gas (EECCNGAS)</p> <p>Energy consumption coal (industrial) (EECCOALI)</p> <p>Energy consumption fuel oil (EECFUOIL)</p> <p>Energy consumption gas oil (EECGAOIL)</p> <p>Energy consumption liquefied natural gas (EECLNGAS)</p> <p>Energy consumption liquefied petroleum gas (EECLPGAS)</p> <p>Energy consumption lubricants (EECLUBRI)</p> <p>Energy consumption natural gas excluding that used as input for a CHP unit (EECNGSEX)</p> <p>Energy consumption natural gas used as input for a CHP unit (EECNGCHP)</p> <p>Energy consumption heat consumed from onsite CHP (EECHECHP)</p> <p>Energy consumption electricity consumed from onsite CHP (EECELCHP)</p> <p>Energy consumption other petroleum gas (EECOPGAS)</p> <p>Energy consumption petroleum coke (EECPCOKE)</p> <p>Energy consumption biomass (EECBIOMA)</p> <p>Energy consumption onsite photovoltaic (EECONPHO)</p> <p>Energy consumption onsite wind (EECONWIN)</p> <p>Energy consumption steam and hot water (EECSHWAT)</p> <p>Energy consumption other onsite renewables (EECOTONR)</p> <p>Non-residential energy consumption total (ENRECT)</p> <p>Residential energy consumption total (ERECTOT)</p> <p>Total energy consumption (EECTOT)</p>
Owner	HESA
Version	1.0

Energy consumption biofuels

Type	field
Short Name	EECBIOFU
Description	This field contains data about the consumption of biofuels. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	Energy consumption for the whole estate - biofuels (kWh). Please state the type of biofuels and units.
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EECBIOFU Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Energy consumption biomass

Type	field
Short Name	EECBIOMA
Description	This field contains data about the consumption of biomass. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	Energy consumption for the whole estate - biomass (kWh).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EECBIOMA Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Energy consumption burning oil

Type	field
Short Name	EECBUOIL
Description	This field contains data about the consumption of burning oil. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	Energy consumption for the whole estate - burning oil (kWh).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EECBUOIL Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Energy consumption coal (industrial)

Type	field
Short Name	EECCOALI
Description	This field contains data about the consumption of energy from coal (industrial). The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	Energy consumption for the whole estate - coal (industrial) (kWh).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EECCOALI Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Energy consumption compressed natural gas

Type	field
Short Name	EECCNGAS
Description	This field contains data about the consumption of compressed natural gas. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	Energy consumption for the whole estate - compressed natural gas (kWh).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EECCNGAS Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Energy consumption electricity consumed from onsite CHP

Type	field
Short Name	EECELCHP
Description	This field contains data about electricity consumed from onsite CHP. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	<p>Energy consumption for the whole estate - electricity consumed from onsite CHP (kWh).</p> <p>This will be included in the energy consumption totals but excluded from the scope 1 and 2 carbon emissions.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	<p>Element: EECELCHP</p> <p>Data type: LENGTH14DECIMAL3Type</p>
Owner	HESA
Version	1.0

Energy consumption fuel oil

Type	field
Short Name	EECFUOIL
Description	This field contains data about the consumption of fuel oil. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	Energy consumption for the whole estate - fuel oil (kWh).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EECFUOIL Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Energy consumption gas oil

Type	field
Short Name	EECGAOIL
Description	This field contains data about the consumption of gas oil. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	Energy consumption for the whole estate from gas oil (kWh).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EECGAOIL Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Energy consumption grid electricity

Type	field
Short Name	EEGELEC
Description	This field contains data about the grid electricity consumption. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	Energy consumption for the whole estate - grid electricity (kWh).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EEGELEC Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Energy consumption heat consumed from onsite CHP

Type	field
Short Name	EECHECHP
Description	This field contains data about heat consumed from onsite CHP. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	<p>Energy consumption for the whole estate - heat consumed from onsite CHP (kWh).</p> <p>This will be included in the energy consumption totals but excluded from the scope 1 and 2 carbon emissions.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	<p>Element: EECHECHP</p> <p>Data type: LENGTH14DECIMAL3Type</p>
Owner	HESA
Version	1.0

Energy consumption liquefied natural gas

Type	field
Short Name	EECLNGAS
Description	This field contains data about the consumption of liquefied natural gas. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	Energy consumption for the whole estate - liquefied natural gas (kWh).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EECLNGAS Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Energy consumption liquefied petroleum gas

Type	field
Short Name	EECLPGAS
Description	This field contains data about the consumption of liquefied petroleum gas. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	Energy consumption for the whole estate - liquefied petroleum gas (kWh).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EECLPGAS Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Energy consumption lubricants

Type	field
Short Name	EECLUBRI
Description	This field contains data about the consumption of lubricants. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	Energy consumption for the whole estate lubricants (kWh).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EECLUBRI Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Energy consumption natural gas excluding that used as input for a CHP unit

Type	field
Short Name	EECNGSEX
Description	This field contains data about the consumption of natural gas. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	Energy consumption for the whole estate from natural gas (kWh). Exclude natural gas that is used as input for a CHP unit.
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EECNGSEX Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Energy consumption natural gas used as input for a CHP unit

Type	field
Short Name	EECNGCHP
Description	This field contains data about the consumption of natural gas used as input for a CHP unit. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	<p>Energy consumption for the whole estate - natural gas used as input for a CHP unit (kWh).</p> <p>This will not be included in the energy consumption totals but the associated carbon emissions will be included in the scope 1 and 2 carbon emissions total.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	<p>Element: EECNGCHP</p> <p>Data type: LENGTH14DECIMAL3Type</p>
Owner	HESA
Version	1.0

Energy consumption onsite photovoltaic

Type	field
Short Name	EECONPHO
Description	This field contains data about the consumption of onsite photovoltaic energy. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	Energy consumption for the whole estate - onsite photovoltaic (kWh).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EECONPHO Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Energy consumption onsite wind

Type	field
Short Name	EECONWIN
Description	This field contains data about the consumption of onsite wind energy. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	Energy consumption for the whole estate - onsite wind (kWh).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EECONWIN Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Energy consumption other onsite renewables

Type	field
Short Name	EECOTONR
Description	This field contains data about the consumption of other onsite renewables. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	<p>Energy consumption for the whole estate - other onsite renewables (kWh).</p> <p>Examples of other onsite renewables include solar thermal and ground source heat pumps.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	<p>Element: EECOTONR</p> <p>Data type: LENGTH14DECIMAL3Type</p>
Owner	HESA
Version	1.0

Energy consumption other petroleum gas

Type	field
Short Name	EECOPGAS
Description	This field contains data about the consumption of other petroleum gas. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	Energy consumption for the whole estate - other petroleum gas (kWh).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EECOPGAS Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Energy consumption petroleum coke

Type	field
Short Name	EECPCOKE
Description	This field contains data about the consumption of petroleum coke. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	Energy consumption for the whole estate - petroleum coke (kWh).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EECPCOKE Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Energy consumption steam and hot water

Type	field
Short Name	EECSHWAT
Description	This field contains data about the consumption of steam and hot water. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	Energy consumption for the whole estate - steam and hot water (kWh). Include district heating.
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EECSHWAT Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Non-residential energy consumption total

Type	field
Short Name	ENRECT
Description	This field contains data about the energy consumption for the non-residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	Figure for the energy consumption of the non-residential estate.
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ENRECT Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Residential energy consumption total

Type	field
Short Name	ERECTOT
Description	This field contains data about the energy consumption of the residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	Figure for the energy consumption of the residential estate.
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ERECTOT Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Total energy consumption

Type	field
Short Name	EECTOT
Description	This field contains data about the total energy consumption for the whole estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	Total energy consumption for the whole estate. Sum total of Energy consumption grid electricity, Energy consumption biofuels, Energy consumption burning oil, Energy consumption compressed natural gas, Energy consumption coal (industrial), Energy consumption fuel oil, Energy consumption gas oil, Energy consumption liquefied natural gas, Energy consumption liquefied petroleum gas, Energy consumption lubricants, Energy consumption natural gas excluding that used as input for a CHP unit, Energy consumption heat consumed from onsite CHP, Energy consumption electricity consumed from onsite CHP, Energy consumption other petroleum gas, Energy consumption petroleum coke, Energy consumption biomass, Energy consumption onsite photovoltaic, Energy consumption onsite wind, Energy consumption steam and hot water, and Energy consumption other onsite renewables.
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Energy consumption - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EECTOT Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Energy costs - D31

Type	entity
Short Name	EnergyCosts
Description	The fields in this entity contain data about energy costs.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The combined costs of supply of all energy sources (e.g. oil, gas and electricity) in a financial year (see Energy consumption for a definition of LPG and district heating).</p> <p>Break downs are requested for the following component energy sources:</p> <ul style="list-style-type: none"> • oil, • gas, • electricity, • coal (industrial), • steam and hot water including district heating, • biomass, • onsite photovoltaic, • onsite wind, • other fuels (please specify) including liquefied petroleum gas. <p>Exclude energy management system upkeep costs. These should be included under Repairs and maintenance costs.</p> <p>Exclude costs of energy supplies to any space that does not fall within the total floor space figures as well as any maintenance or improvement expenditure.</p> <p>Exclude costs of energy supplies to any commercial space.</p> <p>Exclude direct costs of EU ETS and CRC schemes. CRC tax should be excluded as this will be more beneficial for comparison purposes.</p> <p>Include Climate Change Levy (CCL).</p> <p>Some renewable energy sources will have no costs if owned and managed by the HEP, but where the electricity is purchased from a third party that runs it, or where fuel is bought (biomass pellets for example) those costs should be entered.</p>
Mandatory for	
Reason Required	
Part Of	Finance
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential energy costs oil (FNRECOIL) Non-residential energy costs gas (FNRECGAS) Non-residential energy costs electricity (FNRECELE)

	Non-residential energy costs coal (industrial) (FNRECCOA) Non-residential energy costs steam and hot water (FNRECShw) Non-residential energy costs biomass (FNRECBIO) Non-residential energy costs onsite photovoltaic (FNRECPHO) Non-residential energy costs onsite wind (FNRECOWI) Non-residential energy costs other (FNRECOTH) Non-residential energy costs total (FNRECTOT) Residential energy costs oil (FRECOIL) Residential energy costs gas (FRECGAS) Residential energy costs electricity (FRECELE) Residential energy costs coal (industrial) (FRECCOA) Residential energy costs steam and hot water (FRECSHW) Residential energy costs biomass (FREC BIO) Residential energy costs onsite photovoltaic (FRECPHO) Residential energy costs onsite wind (FRECOWI) Residential energy costs other (FRECOTH) Residential energy costs total (FRECTOT) Total energy costs oil (FECOILT) Total energy costs gas (FECGAST) Total energy costs electricity (FECELET) Total energy costs coal (industrial) (FECCOAT) Total energy costs steam and hot water (FECSHWT) Total energy costs biomass (FECBIOT) Total energy costs onsite photovoltaic (FECPHOT) Total energy costs onsite wind (FECOWIT) Total energy costs other (FECOTHT) Total energy costs (FECTOT)
Owner	HESA
Version	1.0

Non-residential energy costs biomass

Type	field
Short Name	FNRECBIO
Description	This field contains data about the energy costs of biomass for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the energy costs of biomass for the non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRECBIO Data type: NUMBER10Type
Owner	HESA
Version	1.0

Non-residential energy costs coal (industrial)

Type	field
Short Name	FNRECCOA
Description	This field contains data about the energy costs of coal (industrial) for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the energy costs of coal (industrial) for the non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRECCOA Data type: NUMBER10Type
Owner	HESA
Version	1.0

Non-residential energy costs electricity

Type	field
Short Name	FNRECELE
Description	This field contains data about the energy costs of electricity for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the energy costs of electricity for the non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRECELE Data type: NUMBER10Type
Owner	HESA
Version	1.0

Non-residential energy costs gas

Type	field
Short Name	FNRECGAS
Description	This field contains data about the energy costs of gas for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the energy costs of gas for the non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRECGAS Data type: NUMBER10Type
Owner	HESA
Version	1.0

Non-residential energy costs oil

Type	field
Short Name	FNRECOIL
Description	This field contains data about the energy costs of oil for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the energy costs of oil for the non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRECOIL Data type: NUMBER10Type
Owner	HESA
Version	1.0

Non-residential energy costs onsite photovoltaic

Type	field
Short Name	FNRECPHO
Description	This field contains data about the energy costs of onsite photovoltaic for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the energy costs of onsite photovoltaic for the non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRECPHO Data type: NUMBER10Type
Owner	HESA
Version	1.0

Non-residential energy costs onsite wind

Type	field
Short Name	FNRECOWI
Description	This field contains data about the energy costs of onsite wind for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the energy costs of onsite wind for the non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRECOWI Data type: NUMBER10Type
Owner	HESA
Version	1.0

Non-residential energy costs other

Type	field
Short Name	FNRECOTH
Description	This field contains data about the energy costs of other fuels for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the energy costs of other fuel (please specify) for the non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRECOTH Data type: NUMBER10Type
Owner	HESA
Version	1.0

Non-residential energy costs steam and hot water

Type	field
Short Name	FNRECSHW
Description	This field contains data about the energy costs of steam and hot water for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the energy costs of steam and hot water for the non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRECSHW Data type: NUMBER10Type
Owner	HESA
Version	1.0

Non-residential energy costs total

Type	field
Short Name	FNRECTOT
Description	This field contains data about the total non-residential energy costs for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Energy costs for the total non-residential estate - all fuels. Sum total of Non-residential energy costs oil, Non-residential energy costs gas, Non-residential energy costs electricity, Non-residential energy costs coal (industrial), Non-residential energy costs steam and hot water, Non-residential energy costs biomass, Non-residential energy costs onsite photovoltaic, Non-residential energy costs onsite wind, and Non-residential energy costs other.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRECTOT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential energy costs biomass

Type	field
Short Name	FRECBIO
Description	This field contains data about the energy costs of biomass for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the energy costs of biomass for the residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRECBIO Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential energy costs coal (industrial)

Type	field
Short Name	FRECCOA
Description	This field contains data about the energy costs of coal (industrial) for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the energy costs of coal (industrial) for the residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRECCOA Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential energy costs electricity

Type	field
Short Name	FRECELE
Description	This field contains data about the energy costs of electricity for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the energy costs of electricity for the residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRECELE Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential energy costs gas

Type	field
Short Name	FRECGAS
Description	This field contains data about the energy costs of gas for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the energy costs of gas for the residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRECGAS Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential energy costs oil

Type	field
Short Name	FRECOIL
Description	This field contains data about the energy costs of oil for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the energy costs of oil for the residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRECOIL Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential energy costs onsite photovoltaic

Type	field
Short Name	FRECPHO
Description	This field contains data about the energy costs of onsite photovoltaic for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the energy costs of onsite photovoltaic for the residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRECPHO Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential energy costs onsite wind

Type	field
Short Name	FRECOWI
Description	This field contains data about the energy costs of onsite wind for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the energy costs of onsite wind for the residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRECOWI Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential energy costs other

Type	field
Short Name	FRECOTH
Description	This field contains data about the energy costs of other fuels for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the energy costs of other fuel (please specify) for the residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRECOTH Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential energy costs steam and hot water

Type	field
Short Name	FRECSHW
Description	This field contains data about the energy costs of steam and hot water for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the energy costs of steam and hot water for the residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRECSHW Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential energy costs total

Type	field
Short Name	FRECTOT
Description	This field contains data about the total residential energy costs for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Energy costs for the residential estate - all fuels. Sum total of Residential energy costs oil, Residential energy costs gas, Residential energy costs electricity, Residential energy costs coal (industrial), Residential energy costs steam and hot water, Residential energy costs biomass, Residential energy costs onsite photovoltaic, Residential energy costs onsite wind, and Residential energy costs other.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRECTOT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total energy costs

Type	field
Short Name	FECTOT
Description	This field contains data about the total energy costs for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Energy costs for the whole estate - all fuels. Sum total of Non-residential energy costs total and Residential energy costs total.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FECTOT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total energy costs biomass

Type	field
Short Name	FECBIOT
Description	This field contains data about the total energy costs of biomass for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total energy costs of biomass for the whole estate. Sum total of Non-residential energy costs biomass and Residential energy costs biomass.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FECBIOT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total energy costs coal (industrial)

Type	field
Short Name	FECCOAT
Description	This field contains data about the total energy costs of coal (industrial) for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total energy costs of coal (industrial) for the whole estate. Sum total of Non-residential energy costs coal (industrial) and Residential energy costs coal (industrial).
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FECCOAT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total energy costs electricity

Type	field
Short Name	FECELET
Description	This field contains data about the total energy costs of electricity for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total energy costs of electricity for the whole estate. Sum total of Non-residential energy costs electricity and Residential energy costs electricity.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FECELET Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total energy costs gas

Type	field
Short Name	FECGAST
Description	This field contains data about the total energy costs of gas for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total energy costs of gas for the whole estate. Sum total of Non-residential energy costs gas and Residential energy costs gas.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FECGAST Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total energy costs oil

Type	field
Short Name	FECOILT
Description	This field contains data about the total energy costs of oil for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total energy costs of oil for the whole estate. Sum total of Non-residential energy costs oil and Residential energy costs oil.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FECOILT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total energy costs onsite photovoltaic

Type	field
Short Name	FECPHOT
Description	This field contains data about the total energy costs of onsite photovoltaic for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total energy costs of onsite photovoltaic for the whole estate. Sum total of Non-residential energy costs onsite photovoltaic and Residential energy costs onsite photovoltaic.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FECPHOT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total energy costs onsite wind

Type	field
Short Name	FECOWIT
Description	This field contains data about the total energy costs of onsite wind for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total energy costs of onsite wind for the whole estate. Sum total of Non-residential energy costs onsite wind and Residential energy costs onsite wind.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FECOWIT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total energy costs other

Type	field
Short Name	FECOTHT
Description	This field contains data about the total energy costs of other fuels for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total energy costs of other fuels for the whole estate. Sum total of Non-residential energy costs other and Residential energy costs other.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FECOTHT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total energy costs steam and hot water

Type	field
Short Name	FECSHWT
Description	This field contains data about the total energy costs of steam and hot water for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total energy costs of steam and hot water for the whole estate. Sum total of Non-residential energy costs steam and hot water and Residential energy costs steam and hot water.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy costs - D31
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FECSHWT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Energy generated onsite by CHP - D72c

Type	entity
Short Name	EnergyGeneratedOnsiteByCHP
Description	The field in this entity contains data about the energy generated onsite from combined heat and power (CHP).
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Provide the annual energy (kWh equivalent) generated onsite from combined heat and power (CHP).</p> <p>Include both heat and electricity, whether it is used by the HEP or exported.</p> <p>CHP is a means by which heat and electricity are generated locally, using gas but sometimes using other forms of fuel. It is an alternative to using grid electricity and other fuels for heating and is generally, but not always, a greener alternative.</p>
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Total energy generated onsite by CHP (EEGOCHPT)
Owner	HESA
Version	1.0

Total energy generated onsite by CHP

Type	field
Short Name	EEGOCHPT
Description	This field contains data about the energy generated onsite from combined heat and power (CHP). The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	Total annual energy (kWh equivalent) generated onsite from combined heat and power (CHP).
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Energy generated onsite by CHP - D72c
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EEGOCHPT Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Environment, energy, emissions and waste

Type	entity
Short Name	EnvironmentEnergyEmissionsandWaste
Description	Data about the environment and the energy, emissions and waste produced by an HEP is contained in this entity.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	
Mandatory for	
Reason Required	
Part Of	Estates management
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Energy consumption - D38a</p> <p>Generation of electricity exported to grid</p> <p>Fuel used in HEP owned vehicles - D38a</p> <p>Water consumption - D38b</p> <p>Scope 1 and 2 carbon emissions - D38c</p> <p>Volume of wastewater</p> <p>Scope 3 carbon emissions from business travel</p> <p>Scope 3 carbon emissions from staff commuting</p> <p>Scope 3 carbon emissions from student commuting</p> <p>Scope 3 carbon emissions from waste</p> <p>Method of scope 3 carbon emissions from waste</p> <p>Scope 3 carbon emissions from water supply</p> <p>Scope 3 carbon emissions from wastewater treatment</p> <p>Scope 3 carbon emissions from supply chain</p> <p>Carbon reduction target</p> <p>Scope1 and 2 emission baseline for 2005</p> <p>Purchase of renewable energy through green tariffs - D72a</p> <p>Energy generated onsite by CHP - D72c</p> <p>Renewable energy generated onsite or offsite - D72d</p> <p>Use of renewable energy generated onsite or offsite - D72e</p> <p>Waste mass - D73</p> <p>Hazardous waste</p> <p>Environmental management system - D74d</p> <p>Environmental reporting - D74e</p> <p>Percentage modal split for commuting by staff - D75</p> <p>Percentage modal split for commuting by students - D75</p> <p>Water supply grey water and rain water - D77a</p> <p>Water borehole extraction - D77b</p> <p>Gross Internal Area in DEC or EPC - D78 and D79</p> <p>EU Emissions Trading Scheme - D80</p> <p>Carbon reduction commitment</p> <p>Fairtrade accreditation - D74f</p>
Owner	HESA
Version	1.0

Environmental management system - D74d

Type	entity
Short Name	EnvironmentalManagementSystem
Description	The fields in this entity contain data about environmental management systems (EMS).
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	The existence of an environmental management system together with its external verification and coverage.
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Environmental management system existence (EEMSE) Environmental management system external verification (EEMSEXV) Environmental management system external verification coverage (EEMSEXVC)
Owner	HESA
Version	1.0

Environmental management system existence

Type	field
Short Name	EEMSE
Description	This field contains data about the existence of an environmental management system.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Valid Entries and Labels	Y Yes N No
Notes	<p>Does the HEP have an externally verified environmental management system?</p> <ul style="list-style-type: none"> • Y 'Yes' must be used when the HEP has an externally verified environmental management system, • N 'No' must be used when the HEP does not have an externally verified environmental management system.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Environmental management system - D74d
Field Length	1
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EEMSE Data type: EEMSECodeContentType
Owner	HESA
Version	1.0

Environmental management system external verification

Type	field
Short Name	EEMSEXV
Description	This field contains data about the external verification of an environmental management system.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Valid Entries and Labels	01 Acorn BS8555 partial 02 Acorn BS8555 full 03 Eco Campus Bronze 04 Eco Campus Silver 05 Eco Campus Gold 06 Eco Campus Platinum 07 EMAS 08 Green Dragon 09 ISO14001 10 Other
Notes	Return the name of the system which the HEP's environmental management system is externally verified to.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Environmental management system - D74d
Field Length	2
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EEMSEXV Data type: EEMSEXVCodeContentType
Owner	HESA
Version	1.0

Environmental management system external verification coverage

Type	field
Short Name	EEMSEXVC
Description	This field contains data about the coverage of an environmental management system.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Valid Entries and Labels	Y Yes N No
Notes	<p>If the HEP has a externally verified environmental management system, is this system for the whole HEP?</p> <ul style="list-style-type: none"> • Y 'Yes' must be used when the HEP has an externally verified environmental management system which covers the whole estate, • N 'No' must be used when the HEP does not have an externally verified environmental management system which covers the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Environmental management system - D74d
Field Length	1
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EEMSEXVC Data type: EEMSEXVCCodeContentType
Owner	HESA
Version	1.0

Environmental reporting - D74e

Type	entity
Short Name	EnvironmentalReporting
Description	The field in this entity contains data about environmental reporting.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	The public reporting on the HEP's website of its environmental performance.
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Environmental reporting total (EEREPT)
Owner	HESA
Version	1.0

Environmental reporting total

Type	field
Short Name	EEREPT
Description	This field contains data about the public reporting, or not, on the HEP's website of its environmental performance.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Valid Entries and Labels	Y Yes N No
Notes	<p>Does the HEP report publicly on the website on its environmental performance?</p> <p>This may be through Business in the Community, the Global Reporting initiative or against formally agreed and publicly available targets.</p> <ul style="list-style-type: none"> • Y 'Yes' must be used when the HEP's environmental performance is displayed on it's website, • N 'No' must be used when the HEP's environmental performance is not displayed on it's website.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Environmental reporting - D74e
Field Length	1
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EEREPT Data type: EEREPTCodeContentType
Owner	HESA
Version	1.0

Estates management

Type	entity
Short Name	EstatesManagement
Description	This web-form will collect data about Estates management.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	
Mandatory for	
Reason Required	
Part Of	Institution
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Finance Student and staff counts Buildings and functionality Space measurement Environment, energy, emissions and waste
Owner	HESA
Version	1.0

EU Emissions Trading Scheme - D80

Type	entity
Short Name	EUEmissionsTradingScheme
Description	The fields in this entity contain data about EU Emissions Trading Schemes.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The existence of an EU Emissions Trading Scheme together with the carbon allowance, the proportion of carbon allowance bought or sold and the cost of compliance with the scheme.</p> <p>Prior to the 2011/12 Estates Management Statistics record, the conversion factor used was based on carbon dioxide (C02) per unit. However, from the 2011/12 Estates Management Statistics record onwards, the alternative Defra measure of equivalent carbon dioxide (C02e) is used instead. This change accounts for additional Greenhouse Gases, including CH4 and N20.</p> <p>Further information on the EU Emissions Trading Scheme can be found on the European Commission website.</p>
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	EU Emissions Trading Scheme participation (ETSCEX) EU Emissions Trading Scheme carbon allowance (ETSCABAL) EU Emissions Trading Scheme carbon allowance bought or sold (ETSCCABS) EU Emissions Trading Scheme cost (ETSCOST)
Owner	HESA
Version	1.0

EU Emissions Trading Scheme carbon allowance

Type	field
Short Name	ETSCABAL
Description	This field contains data about the carbon allowance as part of the EU Emissions Trading Scheme. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	<p>Total carbon allowance in phase 3 (tonnes of CO₂e) for the whole estate.</p> <p>Launched in 2005, the EU Emissions Trading Scheme is now in its third phase, running from 2013 to 2020. A major revision approved in 2009 in order to strengthen the system means the phase 3 is significantly different from phases 1 and 2 and is based on rules which are far more harmonised than before. The main changes are:</p> <ul style="list-style-type: none"> • A single, EU-wide cap on emissions applies in place of the previous system of national caps • Auctioning, not free allocation, is now the default method for allocating allowances. In 2013 more than 40% of allowances will be auctioned, and this share will rise progressively each year. • For those allowances still given away for free, harmonised allocation rules apply which are based on ambitious EU-wide benchmarks of emissions performance. • Some more sectors and gases are included. • 300 million allowances set aside in the New Entrants Reserve to fund the deployment of innovative renewable energy technologies as well as carbon capture and storage through the NER 300 programme. <p>Further information on the EU Emissions Trading Scheme can be found on the European Commission website.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	EU Emissions Trading Scheme - D80
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ETSCABAL Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

EU Emissions Trading Scheme carbon allowance bought or sold

Type	field
Short Name	ETSCCABS
Description	This field contains data about the carbon allowance bought or sold as part of the EU Emissions Trading Scheme. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	<p>Total carbon allowance bought or sold in phase 3 (tonnes of CO₂e) for the whole estate.</p> <p>Launched in 2005, the EU Emissions Trading Scheme is now in its third phase, running from 2013 to 2020. A major revision approved in 2009 in order to strengthen the system means the phase 3 is significantly different from phases 1 and 2 and is based on rules which are far more harmonised than before. The main changes are:</p> <ul style="list-style-type: none"> • A single, EU-wide cap on emissions applies in place of the previous system of national caps • Auctioning, not free allocation, is now the default method for allocating allowances. In 2013 more than 40% of allowances will be auctioned, and this share will rise progressively each year. • For those allowances still given away for free, harmonised allocation rules apply which are based on ambitious EU-wide benchmarks of emissions performance. • Some more sectors and gases are included. • 300 million allowances set aside in the New Entrants Reserve to fund the deployment of innovative renewable energy technologies as well as carbon capture and storage through the NER 300 programme. <p>Further information on the EU Emissions Trading Scheme can be found on the European Commission website.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	EU Emissions Trading Scheme - D80
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ETSCCABS Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

EU Emissions Trading Scheme cost

Type	field
Short Name	ETSCOST
Description	This field contains data about the cost of compliance with the EU Emissions Trading Scheme.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total cost of compliance with the EU Emissions Trading Scheme for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	EU Emissions Trading Scheme - D80
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ETSCOST Data type: NUMBER10Type
Owner	HESA
Version	1.0

EU Emissions Trading Scheme participation

Type	field
Short Name	ETSCEX
Description	This field contains data about the participation or not in the EU Emissions Trading Scheme.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Valid Entries and Labels	Y Yes N No
Notes	<p>Does the HEP participate in the EU Emissions Trading Scheme?</p> <ul style="list-style-type: none"> • Y 'Yes' must be used when the HEP participates in the EU Emissions Trading Scheme, • N 'No' must be used when the HEP does not participate in the EU Emissions Trading Scheme.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	EU Emissions Trading Scheme - D80
Field Length	1
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ETSCEX Data type: ETSCEXCodeContentType
Owner	HESA
Version	1.0

Expenditure - D02

Type	entity
Short Name	Expenditure
Description	The fields in this entity contain data about expenditure.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>All numbers should be consistent with the requirements of the SORP (Statement of Recommended Practice: accounting for further and higher education).</p> <p>Expenditure relating to commercial space should be excluded.</p>
Mandatory for	
Reason Required	
Part Of	Finance
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>HESA supplied non-residential expenditure (FENREXP)</p> <p>HESA supplied catering expenditure (FECATEXP)</p> <p>HESA supplied residences expenditure (FERESEXPT)</p> <p>HESA supplied total expenditure (FEXPT)</p>
Owner	HESA
Version	1.0

HESA supplied catering expenditure

Type	field
Short Name	FECATEXP
Description	This field contains data about catering expenditure.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	<p>This data will be provided by HESA.</p> <p>This figure is taken from the Finance record Table 8 UK 'Expenditure by activity and HESA Cost Centre' sub-head 5b 'Catering operations (including conferences)', column 8 'Total expenditure'.</p> <p>HESA FSR definition</p> <p>Total catering operations (including conferences) includes the gross expenditure incurred in providing the catering and any conference operations, including the cost of maintenance of catering premises, salaries and any other identifiable costs relating to these operations. The depreciation costs and financing costs of these operations are included, as is the long-term maintenance provision charge for catering operations.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Expenditure - D02
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FECATEXP Data type: NUMBER10Type
Owner	HESA
Version	1.0
Change management notes	Data item added to the Estates management record for 2015/16. Following changes to the Finance collection, catering financial information is collected separate from the residential financial information.

HESA supplied non-residential expenditure

Type	field
Short Name	FENREXP
Description	This field contains data about non-residential expenditure.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	<p>This data will be provided by HESA.</p> <p>This figure is taken from the Finance record Table 8 UK 'Expenditure by activity and HESA Cost Centre'. Head 8 'Total expenditure', column 8 'Total expenditure' minus sub-head 5c 'Total residences and catering operations (including conferences)', column 8 'Total expenditure'.</p> <p>This includes the total consolidated expenditure of the HEP for total non-residencies and catering operations (including conferences) including Staff costs, Other operating expenses, Depreciation and Interest and other finance costs.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Expenditure - D02
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FENREXP Data type: NUMBER10Type
Owner	HESA
Version	1.0

HESA supplied residences expenditure

Type	field
Short Name	FERESEX
Description	This field contains data about residences expenditure.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	<p>This data will be provided by HESA.</p> <p>This figure is taken from the Finance record Table 8 UK 'Expenditure by activity and HESA Cost Centre' sub-head 5a 'Residences operations (including conferences)', column 8 'Total expenditure'.</p> <p>HESA FSR definition</p> <p>Total residences operations (including conferences) includes the gross expenditure incurred in providing the residence and any conference operations, including the cost of maintenance of residential premises, salaries and any other identifiable costs relating to these operations. The depreciation costs and financing costs of these operations are included, as is the long-term maintenance provision charge for residences operations.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Expenditure - D02
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FERESEX Data type: NUMBER10Type
Owner	HESA
Version	1.0
Change management notes	Data item added to the Estates management record for 2015/16. Following changes to the Finance collection, catering financial information is collected separate from the residential financial information.

HESA supplied total expenditure

Type	field
Short Name	FEXPT
Description	This field contains data about total expenditure.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	<p>This data will be provided by HESA.</p> <p>Total consolidated revenue expenditure of the HEP including staff costs, other operating expenditure, depreciation and interest payable. Sum total of HESA supplied non-residential expenditure, HESA supplied catering expenditure and HESA supplied residences expenditure.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Expenditure - D02
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FEXPT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Exposed to fire

Type	entity
Short Name	ExposedToFire
Description	The fields in this entity contain data about the number of injuries as a result of being exposed to a fire.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of injuries as a result of being exposed to a fire.</p> <p>Do not include such injuries occurring in commercially let space.</p> <p>Further information on occupational injuries reportable under RIDDOR can be found in the document 'The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995'.</p>
Mandatory for	
Reason Required	
Part Of	Occupational injuries reportable under RIDDOR
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Number of staff injuries from being exposed to fire (OSFIJFIR)</p> <p>Number of student injuries from being exposed to fire (OSTIJFIR)</p> <p>Number of other persons injuries from being exposed to fire (OOTIJFIR)</p>
Owner	HESA
Version	1.0

Number of other persons injuries from being exposed to fire

Type	field
Short Name	OOTIJFIR
Description	This field contains data about the number of injuries to persons other than staff and students as a result of being exposed to a fire.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to persons other than staff and students as a result of being exposed to a fire. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Exposed to fire
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OOTIJFIR Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of staff injuries from being exposed to fire

Type	field
Short Name	OSFIJFIR
Description	This field contains data about the number of injuries to staff as a result of being exposed to a fire.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to staff as a result of being exposed to a fire. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Exposed to fire
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSFIJFIR Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of student injuries from being exposed to fire

Type	field
Short Name	OSTIJFIR
Description	This field contains data about the number of injuries to students as a result of being exposed to a fire.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to students as a result of being exposed to a fire. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Exposed to fire
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSTIJFIR Data type: NUMBER3Type
Owner	HESA
Version	1.0

Exposed to or in contact with a harmful substance

Type	entity
Short Name	ExposedToorInContactWithAHarmfulSubstance
Description	The fields in this entity contain data about the number of injuries caused by being exposed to or in contact with a harmful substance.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of injuries caused by being exposed to or in contact with a harmful substance.</p> <p>Do not include such injuries occurring in commercially let space.</p> <p>Further information on occupational injuries reportable under RIDDOR can be found in the document 'The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995'.</p>
Mandatory for	
Reason Required	
Part Of	Occupational injuries reportable under RIDDOR
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Number of staff injuries from being exposed to or in contact with a harmful substance (OSFEXHAR)</p> <p>Number of student injuries from being exposed to or in contact with a harmful substance (OSTEXHAR)</p> <p>Number of other persons injuries from being exposed to or in contact with a harmful substance (OOTEXHAR)</p>
Owner	HESA
Version	1.0

Number of other persons injuries from being exposed to or in contact with a harmful substance

Type	field
Short Name	OOTEXHAR
Description	This field contains data about the number of injuries to persons other than staff and students caused by being exposed to or in contact with a harmful substance.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to persons other than staff and students caused by being exposed to or in contact with a harmful substance. Figure is for the whole estate of the HEP.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Exposed to or in contact with a harmful substance
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OOTEXHAR Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of staff injuries from being exposed to or in contact with a harmful substance

Type	field
Short Name	OSFEXHAR
Description	This field contains data about the number of staff injuries from being exposed to or in contact with a harmful substance.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to staff caused by being exposed to or in contact with a harmful substance. Figure for the whole estate of the HEP.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Exposed to or in contact with a harmful substance
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSFEXHAR Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of student injuries from being exposed to or in contact with a harmful substance

Type	field
Short Name	OSTEXHAR
Description	This field contains data about the number of injuries to students caused by being exposed to or in contact with a harmful substance.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to students caused by being exposed to or in contact with a harmful substance. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Exposed to or in contact with a harmful substance
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSTEXHAR Data type: NUMBER3Type
Owner	HESA
Version	1.0

Externally-provided property management costs - D36

Type	entity
Short Name	ExternallyProvidedPropertyManagementCosts
Description	The fields in this entity contain data about externally-provided property management costs.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Externally-provided costs associated with all property management activities, excluding any commercial space.</p> <p>Totals for the non-residential, residential and whole estate should include:</p> <ul style="list-style-type: none"> Externally-provided estates management costs. The revenue costs of external consultants and contractors associated with estates strategy and planning, all landlord and tenant matters, purchases and sales, rating, buildings insurance, energy, water and sewerage, landscaping, repair and maintenance (including fit-out, improvements and internal moves). Include legal costs of estate management work. Externally-provided facilities management costs. This should include all revenue costs associated with activities that support the occupancy of the estate. This will include all staff and associated costs in relation to the high level management and administration (not supervision) of cleaning, security and portering, reception services, post room and internal distribution services and transport. Include legal costs of facilities management work. Externally-provided project management costs. This should include all the costs required to plan for and justify capital and revenue projects (including capital bids) and of designing and/or project managing the work where these do not form part of the contractor appointment. The costs should not include construction costs or similar. Include legal costs of project management work. <p>If external estate, facilities and project management costs cannot be distinguished from operational costs, then include the actual costs under Capital expenditure buildings, Property costs, Cleaning costs, Security costs, and Central post room and internal distribution services costs.</p>
Mandatory for	
Reason Required	
Part Of	Finance
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential Externally-provided property management costs (FNREPPMC) Residential Externally-provided property management costs (FREPPMC) Total Externally-provided property management costs (FEPPMCT)
Owner	HESA
Version	1.0

Non-residential Externally-provided property management costs

Type	field
Short Name	FNREPPMC
Description	This field contains data about externally-provided property management costs for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the externally-provided property management costs of the non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Externally-provided property management costs - D36
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNREPPMC Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential Externally-provided property management costs

Type	field
Short Name	FREPPMC
Description	This field contains data about externally-provided property management costs for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the externally-provided property management costs of the residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Externally-provided property management costs - D36
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FREPPMC Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total Externally-provided property management costs

Type	field
Short Name	FEPPMCT
Description	This field contains data about the total externally-provided property management costs for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total externally-provided property management costs for the whole estate. Sum total of Non-residential Externally-provided property management costs and Residential Externally-provided property management costs.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Externally-provided property management costs - D36
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FEPPMCT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Fairtrade accreditation - D74f

Type	entity
Short Name	FairtradeAccreditation
Description	The field in this entity contains data about Fairtrade accreditation.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The existence of a Fairtrade certification for the HEP. This must relate to entire whole estate i.e. including the Student Union.</p> <p>Partial certification such as for catering should not count.</p> <p>Further information on Fairtrade certification can be found on the Fairtrade Foundation website.</p>
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Fairtrade accreditation existence (EEFAIREX)
Owner	HESA
Version	1.0

Fairtrade accreditation existence

Type	field
Short Name	EEFAIREX
Description	This field contains data about the existence, or not, of an HEP's Fairtrade accreditation.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Valid Entries and Labels	Y Yes N No
Notes	<p>The existence of a Fairtrade certification for the HEP. This must relate to entire whole estate i.e. including the Student Union.</p> <ul style="list-style-type: none"> • Y 'Yes' must be used when the HEP has Fairtrade accreditation, • N 'No' must be used when the HEP does not have Fairtrade accreditation.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Fairtrade accreditation - D74f
Field Length	1
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EEFAIREX Data type: EEFAIREXCodeContentType
Owner	HESA
Version	1.0

Fatalities

Type	entity
Short Name	Fatalities
Description	The fields in this entity contain data about the number of fatalities.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Total number of fatalities. Figure for the whole estate.</p> <p>Do not include such incidents that occur in commercially let space.</p> <p>Include injuries which result in death at a later stage such as asbestosis.</p>
Mandatory for	
Reason Required	
Part Of	Incidents involving injury
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Number of staff fatalities (INSFFAT)</p> <p>Number of student fatalities (INSTFAT)</p> <p>Number of other persons fatalities (INOTFAT)</p>
Owner	HESA
Version	1.0

Number of other persons fatalities

Type	field
Short Name	INOTFAT
Description	This field contains data about the number of other persons fatalities.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of other persons fatalities. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Fatalities
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: INOTFAT Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of staff fatalities

Type	field
Short Name	INSFFAT
Description	This field contains data about the number of staff fatalities.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of staff fatalities. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Fatalities
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: INSFFAT Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of student fatalities

Type	field
Short Name	INSTFAT
Description	This field contains data about the number of student fatalities.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of student fatalities. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Fatalities
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: INSTFAT Data type: NUMBER3Type
Owner	HESA
Version	1.0

Fell from a height

Type	entity
Short Name	FellFromAHeight
Description	The fields in this entity contain data about the number of injuries as a result of falling from a height.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of injuries as a result of falling from a height.</p> <p>Do not include such injuries occurring in commercially let space.</p> <p>Further information on occupational injuries reportable under RIDDOR can be found in the document 'The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995'.</p>
Mandatory for	
Reason Required	
Part Of	Occupational injuries reportable under RIDDOR
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Number of staff injuries from falling from a height (OSFFFH)</p> <p>Number of student injuries from falling from a height (OSTFFH)</p> <p>Number of other persons injuries from falling from a height (OOTFFH)</p>
Owner	HESA
Version	1.0

Number of other persons injuries from falling from a height

Type	field
Short Name	OOTFFH
Description	This field contains data about the number of injuries to persons other than staff and students as a result of falling from a height.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to persons other than staff and students caused by falling from a height. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Fell from a height
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OOTFFH Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of staff injuries from falling from a height

Type	field
Short Name	OSFFFFH
Description	This field contains data about the number of injuries to staff as a result of falling from a height.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to staff as a result of falling from a height. Figure for the whole estate of the HEP.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Fell from a height
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSFFFFH Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of student injuries from falling from a height

Type	field
Short Name	OSTFFH
Description	This field contains data about the number of injuries to students as a result of falling from a height.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to students as a result of falling from a height. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Fell from a height
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSTFFH Data type: NUMBER3Type
Owner	HESA
Version	1.0

Finance

Type	entity
Short Name	Finance
Description	Data about finance is contained in this entity.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	
Mandatory for	
Reason Required	
Part Of	Estates management
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Income - D01 Expenditure - D02 Rates paid - D28 Insurance premiums and contributions - D29 Net service charge and miscellaneous PFI and PPP costs - D30 Energy costs - D31 Water and sewerage costs - D32 Repairs and maintenance costs - D33 Cleaning costs - D34 Internally-incurred property management costs - D35 Externally-provided property management costs - D36 Security costs - D61 Porterage costs - D61 Central post room and internal distribution services costs - D62 Rateable value - D27 Property costs - D26 Capital expenditure buildings - D25
Owner	HESA
Version	1.0

Fire and Rescue Services attendance

Type	entity
Short Name	FireandRescueServicesAttendance
Description	The fields in this entity contain data about the number of times the Fire and Rescue Services attend emergency calls to the HEP.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of times the Fire and Rescue Services attend emergency calls to HEP owned and managed property for fires and false alarms.</p> <p>Exclude those occurring in space not managed by the HEP.</p>
Mandatory for	
Reason Required	
Part Of	Incidents involving fire
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential Fire and Rescue Services attendance (IFNREMER) Residential Fire and Rescue Services attendance (IFREMER) Total Fire and Rescue Services attendance (IFEMERT)
Owner	HESA
Version	1.0

Non-residential Fire and Rescue Services attendance

Type	field
Short Name	IFNREMER
Description	This field contains data about the number of times the Fire and Rescue Services attend emergency calls to the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	The number of times the Fire and Rescue Services attend emergency calls to the non-residential estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Fire and Rescue Services attendance
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFNREMER Data type: NUMBER3Type
Owner	HESA
Version	1.0

Residential Fire and Rescue Services attendance

Type	field
Short Name	IFREMER
Description	This field contains data about the number of times the Fire and Rescue Services attend emergency calls to the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	The number of times the Fire and Rescue Services attend emergency calls to the residential estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Fire and Rescue Services attendance
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFREMER Data type: NUMBER3Type
Owner	HESA
Version	1.0

Total Fire and Rescue Services attendance

Type	field
Short Name	IFEMERT
Description	This field contains data about the total number of times the Fire and Rescue Services attend emergency calls to the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of times the Fire and Rescue Services attend emergency calls to the whole estate. Sum total of Non-residential Fire and Rescue Services attendance and Residential Fire and Rescue Services attendance.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Fire and Rescue Services attendance
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFEMERT Data type: NUMBER3Type
Owner	HESA
Version	1.0

Frequency rate - D16

Type	entity
Short Name	FrequencyRate
Description	The fields in this entity contain data about the frequency rate of the use of teaching rooms.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Applies only to teaching space under teaching other, as appropriate to the coverage of the Space Utilisation Survey.</p> <p>It should be noted that the definitions and accompanying good practice guidelines are in accordance with the advice produced in the NAO report 'Management of Space in higher education Providers in Wales' (1996).</p> <p>The frequency rate is the number of hours a teaching room is in use as a proportion of total time available.</p> <p>The frequency should be measured on an hourly basis. As an example, if a room were used for 4 hours out of an 8 hour 'working day' then the frequency rate would be 50%.</p> <p>Instances where rooms require set-up by technicians before use should not be included in the frequency rate calculations.</p> <p>The preference is for a survey-based return. However, it may only be possible to make a return based on an analysis of room bookings or timetabled use. The method used needs to be specified under Frequency rate calculation.</p> <p>The measure of frequency that is required is as follows:</p> <ul style="list-style-type: none"> • it is necessary to base the measurement of frequency on a 'standard core working day.' This is based on what the HEP has indicated are core hours, • the year and month that the survey or room booking/timetabled analysis was carried out should be specified in the data return. This should be the latest survey data, <p>The following comments are provided as general good practice guidance in carrying out the survey and analysis:</p> <p>The survey period used</p> <p>A full teaching week period should be used in collecting data and should form the basis of the return. Factoring-up the results of a one-day survey is not acceptable for the return.</p> <p>The time frame</p> <p>A survey count based on an hourly frequency should be used, rather than, say, one count in the morning and one count in the afternoon. This will produce more accurate and usable results. Only data based upon an hourly count should be returned.</p>

	<p>Scope of survey</p> <p>It may not be possible to survey all the teaching space identified under Teaching not offices NIA, as HEPs are likely to have various arrangements and management of space in place. However, it is recommended that both 'central' or 'pooled' space and 'local' or 'departmental' space is covered in a survey.</p> <p>The Teaching area covered by the Space Utilisation Survey should be the same space used in making the Occupancy rate return.</p> <p>Also enter the basis of calculation of Frequency rate - see Teaching not offices frequency rate calculation.</p>
Mandatory for	
Reason Required	
Part Of	Space measurement
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Teaching not offices hours per working week (SMTEHW) Teaching not offices frequency rate percentage (SMTEFRP) Teaching not offices frequency rate survey date (SMTEFRSD)
Owner	HESA
Version	1.0

Teaching not offices frequency rate percentage

Type	field
Short Name	SMTEFRP
Description	This field contains data about the percentage frequency rate of the use of teaching rooms (not offices). The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	<p>A percentage should be returned to one decimal place.</p> <p>The frequency rate is the number of hours a teaching room is in use as a proportion of total time available.</p> <p>The frequency should be measured on an hourly basis. As an example, if a room were used for 4 hours out of an 8 hour 'working day' then the frequency rate would be 50%.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Frequency rate - D16
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMTEFRP Data type: PERCENTType
Owner	HESA
Version	1.0

Teaching not offices frequency rate survey date

Type	field
Short Name	SMTEFRSD
Description	This field contains data about the date on which a frequency rate survey or room booking analysis was undertaken.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>All date fields must be completed using the ISO8601 format of YYYY-MM.</p> <p>The year and month that the survey or room booking/timetable analysis was carried out should be specified in the data return. This should be the latest survey data.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Frequency rate - D16
Field Length	7
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	<p>Element: SMTEFRSD</p> <p>Data type: YMDATEType</p>
Owner	HESA
Version	1.0

Teaching not offices hours per working week

Type	field
Short Name	SMTEHW
Description	This field contains data about the number of hours in a core teaching week.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	The number of hours in the HEP's core teaching week e.g. if the HEP schedules teaching between 9am and 9pm five days a week, return 60. Core hours need to be defined by the submitting HEP.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Frequency rate - D16
Field Length	2
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMTEHW Data type: NUMBER2Type
Owner	HESA
Version	1.0

Frequency rate calculation - D45

Type	entity
Short Name	FrequencyRateCalculation
Description	The field in this entity contains data about frequency rate calculation.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Indicate which approach has been used to calculate the frequency rate figures.</p> <ul style="list-style-type: none"> • T 'Timetabled use' should be used if allocation is based on the proportion of the total relevant time period for which space is booked, • S 'Survey-based measure' should be used if allocation is based on a standard week in the year. <p>The preference is for a survey-based return if available.</p>
Mandatory for	
Reason Required	
Part Of	Space measurement
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Teaching not offices frequency rate calculation (SMTEFRC)
Owner	HESA
Version	1.0

Teaching not offices frequency rate calculation

Type	field
Short Name	SMTEFRC
Description	This field contains data about the frequency rate calculation for teaching space (not offices).
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Valid Entries and Labels	T Timetabled use S Survey-based measure
Notes	<p>Indicate which approach has been used to calculate the frequency rate calculation for teaching space (not offices).</p> <ul style="list-style-type: none"> • T 'Timetabled use' should be used if allocation is based on the proportion of the total relevant time period for which space is booked, • S 'Survey-based measure' should be used if allocation is based on a standard week in the year.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Frequency rate calculation - D45
Field Length	1
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMTEFRC Data type: SMTEFRCCodeContentType
Owner	HESA
Version	1.0

Fuel used in HEP owned vehicles - D38a

Type	entity
Short Name	FuelUsedInHEPOwnedVehicles
Description	The fields in this entity contain data about the fuel used in HEP-owned vehicles.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>This is fuel in litres used in vehicles owned or leased by the HEP.</p> <p>This is likely to relate to vehicles used, for example, by HEP facilities management services, a university bus service or a HEP vehicle provided to the vice-chancellor or principal. Vehicles should be interpreted in the widest sense and include for example tractors, ride on lawn-mowers, ships, planes, and racing cars.</p> <p>This should not include fuel used in hire cars, hired buses or private vehicles even if the cost is re-claimed from the HEP; nor fuel used for commuting or student travel in private vehicles. See Scope 3 carbon emissions from business travel for guidance on identifying scope 1 and scope 3 emissions from transport. To avoid double counting, electric vehicles should not be included here as the electricity used for charging these vehicles will be included under Energy consumption.</p>
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Fuel used in HEP owned vehicles aviation spirit (EFUVAVSP) Fuel used in HEP owned vehicles aviation turbine fuel (EFUVAVTF) Fuel used in HEP owned vehicles biofuels (EFUVBIOF) Fuel used in HEP owned vehicles diesel (EFUVDIES) Fuel used in HEP owned vehicles liquefied petroleum gas (EFUVLPGA) Fuel used in HEP owned vehicles petrol (EFUVPETR) Total fuel used in HEP owned vehicles (EFUVTOT)
Owner	HESA
Version	1.0

Fuel used in HEP owned vehicles aviation spirit

Type	field
Short Name	EFUVAVSP
Description	This field contains data about the aviation spirit used in HEP-owned vehicles. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Litre (l)
Notes	Fuel used in vehicles owned or leased by the HEP - aviation spirit (litres).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Fuel used in HEP owned vehicles - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EFUVAVSP Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Fuel used in HEP owned vehicles aviation turbine fuel

Type	field
Short Name	EFUVAVTF
Description	This field contains data about the aviation turbine fuel used in HEP-owned vehicles. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Litre (l)
Notes	Fuel used in vehicles owned or leased by the HEP - aviation turbine fuel (litres).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Fuel used in HEP owned vehicles - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EFUVAVTF Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Fuel used in HEP owned vehicles biofuels

Type	field
Short Name	EFUVBIOF
Description	This field contains data about the biofuels used in HEP-owned vehicles. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Litre (l)
Notes	Fuel used in vehicles owned or leased by the HEP - biofuels (litres).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Fuel used in HEP owned vehicles - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EFUVBIOF Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Fuel used in HEP owned vehicles diesel

Type	field
Short Name	EFUVDIES
Description	This field contains data about the diesel used in HEP-owned vehicles. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Litre (l)
Notes	Fuel used in vehicles owned or leased by the HEP - diesel (retail station biofuel blend) (litres).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Fuel used in HEP owned vehicles - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EFUVDIES Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Fuel used in HEP owned vehicles liquefied petroleum gas

Type	field
Short Name	EFUVLPGA
Description	This field contains data about the liquefied petroleum gas used in HEP-owned vehicles. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Litre (l)
Notes	Fuel used in vehicles owned or leased by the HEP - liquefied petroleum gas (litres).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Fuel used in HEP owned vehicles - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EFUVLPGA Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Fuel used in HEP owned vehicles petrol

Type	field
Short Name	EFUVPETR
Description	This field contains data about the petrol used in HEP-owned vehicles. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Litre (l)
Notes	Fuel used in vehicles owned or leased by the HEP - petrol (retail station biofuel blend) (litres).
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Fuel used in HEP owned vehicles - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EFUVPETR Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Total fuel used in HEP owned vehicles

Type	field
Short Name	EFUVTOT
Description	This field contains data about the total fuel used in HEP-owned vehicles. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Litre (l)
Notes	Total fuel used in vehicles owned or leased by the HEP for the whole estate. Sum total of Fuel used in HEP owned vehicles aviation spirit, Fuel used in HEP owned vehicles aviation turbine fuel, Fuel used in HEP owned vehicles biofuels, Fuel used in HEP owned vehicles diesel, Fuel used in HEP owned vehicles liquefied petroleum gas, and Fuel used in HEP owned vehicles petrol.
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Fuel used in HEP owned vehicles - D38a
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EFUVTOT Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Functional suitability - D21

Type	entity
Short Name	FunctionalSuitability
Description	The fields in this entity contain data about the functional suitability of HEP space.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Functional suitability measures the capability of the space to support its existing function. If the space is vacant, the indicator will assume the last use of that space. If space is temporarily vacant (e.g. due to refurbishment), the same assumption applies.</p> <p>There is no best practice guidance as the assessment of functional suitability is inherently subjective but the collection of the data is considered to be important from a strategic point of view. Accordingly, HEPs are advised to use functional suitability data with caution for the purposes of comparison/benchmarking against other HEPs.</p> <p>The following are examples of factors that may need to be considered in setting the functional suitability grade for the room/building, although they should not be seen as prescriptive:</p> <ul style="list-style-type: none"> • : The internal room(s)/area(s) environment in terms of temperature, humidity, fresh air, clean air (if required), lighting levels, day-lighting, • : Layout of room(s)/area(s) relative to equipment used, ancillary and related room functions, furniture, circulation and access, • : The physical location of the room(s)/area(s) relative to the activities that need to use the space, and other spaces these activities need to use, • : Intrinsic ability of room(s)/area(s) to be altered, amended or changed in terms of size, environment and layout in response to changing demand - this will be a factor of structural and building services design, • : Ability of the room(s)/area(s) fittings, furniture and equipment to meet the identified business demands of the users, such as electrical capacity, data points, etc., • : The decorative, aesthetic and cosmetic qualities of the room/area from the perspective of users, • : The quality of external surroundings and settings. This could include factors such as footpath and lighting quality, security perception, building and site appearance, and signage. <p>Measure the proportion of total Gross Internal Area which is in each of the following four categories. (The sum of the four percentages will be the total Gross Internal Area for the HEP).</p> <p>Grade 1 Excellent - the room(s)/building(s) fully support current functions. There are no negative impacts upon the functions taking place in the space.</p> <p>Grade 2 Good - the room(s)/building(s) provides a good environment for the current function in all or most respects. There may be shortfalls in certain areas, but these have only a minor effect upon current functions.</p> <p>Grade 3 Fair - the room(s)/building(s) provides a reasonable environment for current functions in many respects, but has a number of shortfalls. These shortfalls may be causing mismatches between space and function that is having a more significant effect upon current functions than Grade 2 rooms.</p>

	<p>Grade 4 Poor - the room(s)/building(s) fail to support current functions and/or are unsuitable for current use. The operational problems associated with such space are major, and are constraining current functions in the space. Space in this grade may require alternative solutions, rather than straightforward improvements in particular features of the space.</p> <p>Functional suitability measures the capability of the space to support its existing function. If the space is vacant, the indicator will assume the last use of that space. If space is temporarily vacant (e.g. due to refurbishment), the same assumption applies.</p>
Mandatory for	
Reason Required	
Part Of	Buildings and functionality
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential functional suitability grade 1 (BNRFSG1) Non-residential functional suitability grade 2 (BNRFSG2) Non-residential functional suitability grade 3 (BNRFSG3) Non-residential functional suitability grade 4 (BNRFSG4) Residential functional suitability grade 1 (BRFSG1) Residential functional suitability grade 2 (BRFSG2) Residential functional suitability grade 3 (BRFSG3) Residential functional suitability grade 4 (BRFSG4)
Owner	HESA
Version	1.0

Non-residential functional suitability grade 1

Type	field
Short Name	BNRFSG1
Description	This field contains data about the functional suitability of non-residential space which has been assessed as being grade 1. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Functional suitability % of Total GIA: Suitability grade 1 (Excellent) of the non-residential estate.
Mandatory for	England Northern Ireland
Reason Required	For advice to Government, financial health monitoring and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Functional suitability - D21
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRFSG1 Data type: PERCENTType
Owner	HESA
Version	1.0

Non-residential functional suitability grade 2

Type	field
Short Name	BNRFSG2
Description	This field contains data about the functional suitability of non-residential space which has been assessed as being grade 2. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Functional suitability % of Total GIA: Suitability grade 2 (Good) of the non-residential estate.
Mandatory for	England Northern Ireland
Reason Required	For advice to Government, financial health monitoring and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Functional suitability - D21
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRFSG2 Data type: PERCENTType
Owner	HESA
Version	1.0

Non-residential functional suitability grade 3

Type	field
Short Name	BNRFSG3
Description	This field contains data about the functional suitability of non-residential space which has been assessed as being grade 3. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Functional suitability % of Total GIA: Suitability grade 3 (Fair) of the non-residential estate.
Mandatory for	England Northern Ireland
Reason Required	For advice to Government, financial health monitoring and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Functional suitability - D21
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRFSG3 Data type: PERCENTType
Owner	HESA
Version	1.0

Non-residential functional suitability grade 4

Type	field
Short Name	BNRFSG4
Description	Contains data about the functional suitability of non-residential space which has been assessed as being grade 4. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Functional suitability % of Total GIA: Suitability grade 4 (Poor) of the non-residential estate.
Mandatory for	England Northern Ireland
Reason Required	For advice to Government, financial health monitoring and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Functional suitability - D21
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRFSG4 Data type: PERCENTType
Owner	HESA
Version	1.0

Residential functional suitability grade 1

Type	field
Short Name	BRFSG1
Description	This field contains data about the functional suitability of residential space which has been assessed as being grade 1. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Functional suitability % of Total GIA: Suitability grade 1 (Excellent) of the residential estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Functional suitability - D21
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRFSG1 Data type: PERCENTType
Owner	HESA
Version	1.0

Residential functional suitability grade 2

Type	field
Short Name	BRFSG2
Description	This field contains data about the functional suitability residential space which has been assessed as being grade 2. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Functional suitability % of Total GIA: Suitability grade 2 (Good) of the residential estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Functional suitability - D21
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRFSG2 Data type: PERCENTType
Owner	HESA
Version	1.0

Residential functional suitability grade 3

Type	field
Short Name	BRFSG3
Description	This field contains data about the functional suitability residential space which has been assessed as being grade 3. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Functional suitability % of Total GIA: Suitability grade 3 (Fair) of the residential estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Functional suitability - D21
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRFSG3 Data type: PERCENTType
Owner	HESA
Version	1.0

Residential functional suitability grade 4

Type	field
Short Name	BRFSG4
Description	This field contains data about the functional suitability residential space which has been assessed as being grade 4. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Functional suitability % of Total GIA: Suitability grade 4 (Poor) of the residential estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Functional suitability - D21
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRFSG4 Data type: PERCENTType
Owner	HESA
Version	1.0

Generation of electricity exported to grid

Type	entity
Short Name	GenerationofElectricityExportedToGrid
Description	The field in this entity contains data about the generation of electricity that is exported to the National Grid for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>This is renewable electricity, defined in kilowatt-hours (kWh), which has been generated and exported to the National Grid or a third party. This should not include generation of electricity by renewable resources that is consumed by the HEP and included in Energy consumption.</p> <p>The Defra conversion factors and guidance states that if an organisation is generating electricity and exporting it to the National Grid then an emission reduction should be reported. HESA will include this emission reduction when calculating scope 1 and 2 carbon emissions.</p> <p>HESA will use the following guidance when calculating the scope 1 and 2 carbon emissions:</p> <ul style="list-style-type: none"> • multiplying the consumption figures by the relevant conversion factor for that fuel, • subtracting emissions equivalent to electricity generated and exported to the National Grid.
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Total generation of electricity exported to grid (EEEXPGDT)
Owner	HESA
Version	1.0

Total generation of electricity exported to grid

Type	field
Short Name	EEEXP GDT
Description	This field contains data about the total generation of electricity that is exported to the National Grid for the whole estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	<p>Total generation of electricity exported to the National Grid or a third party for the whole estate (kWh).</p> <p>This is mandatory for HEP's in England, Northern Ireland, and Wales so that carbon emissions can be calculated correctly.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Generation of electricity exported to grid
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EEEXP GDT Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Gross Internal Area - D11

Type	entity
Short Name	GrossInternalArea
Description	The fields in this entity contain data about Gross Internal Area (GIA).
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>This definition is based around the definitions contained in the 'Code of Measuring Practice: A guide for Property Professionals' (Sixth Edition), published by The Royal Institution of Chartered Surveyors (RICS). Due consideration to the needs of the higher education sector have been made in putting this definition together.</p> <p>GIA is the total area of buildings owned or occupied or maintained by the HEP measured to the internal face of the perimeter walls at each floor level (i.e. the footprint of the building excluding the width of the outside walls). It includes areas occupied by Internal Areas and partitions. Sum of Net Internal Area (NIA) and balance area as defined in Net Internal Area.</p> <p>Note that the following are included:</p> <ul style="list-style-type: none"> • areas occupied by internal walls (both structural walls and temporary walls) and partitions, • GIA of student residential buildings, • GIA of housing for staff (including wardens' accommodation in residences), • accommodation on NHS sites which is maintained or paid for. <p>Excludes:</p> <ul style="list-style-type: none"> • derelict space. This is space that is currently unoccupied and incapable of occupation and no reinstatement is planned within the next year. Space that is currently not occupied due to refurbishment or other activities should not be classed as derelict space. Similarly, space that has been classed as Condition D in Building condition assessment condition • accommodation on NHS sites which is neither maintained nor paid for, • perimeter wall thickness and external projections, • any structure attached to the outside of the external wall of a building e.g. external open-sided balconies, covered ways, fire escapes and canopies, • investment properties used to derive an income (i.e. any property from which income is derived from a commercial or private tenant).
Mandatory for	
Reason Required	
Part Of	Space measurement
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential GIA (SMGIANR) Residential GIA (SMGIAR) Total GIA (SMGIAT) Total GIA commercial space (SMGIACT)
Owner	HESA

Version	1.0
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Non-residential GIA

Type	field
Short Name	SMGIANR
Description	This field contains data about the Gross Internal Area (GIA) of the non-residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	<p>Figure for the total non-residential estate. Enter the GIA of non-residential space in accordance with the inclusions under Non-residential NIA total.</p> <p>Commercial space that can be separately identified as a discrete area together with all associated costs, staff, energy, waste, emissions etc. is considered non-returnable and should be excluded from the Estates management record.</p> <p>Only in circumstances where commercial space cannot be identified in accordance with the aforementioned conditions is it considered returnable and should therefore be included in the Estates management record (together with all associated costs, staff, energy, waste, emissions etc.).</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, financial health monitoring and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Gross Internal Area - D11
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMGIANR Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Residential GIA

Type	field
Short Name	SMGIAR
Description	This field contains data about the Gross Internal Area (GIA) of the residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	<p>Figure for the residential estate. Enter the GIA of residential space in accordance with the inclusions under Residential NIA.</p> <p>Commercial space that can be separately identified as a discrete area together with all associated costs, staff, energy, waste, emissions etc. is considered non-returnable and should be excluded from the Estates management record.</p> <p>Only in circumstances where commercial space cannot be identified in accordance with the aforementioned conditions is it considered returnable and should therefore be included in the Estates management record (together with all associated costs, staff, energy, waste, emissions etc.).</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government.
Part Of	Gross Internal Area - D11
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMGIAR Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Total GIA

Type	field
Short Name	SMGIAT
Description	This field contains data about the total Gross Internal Area (GIA) of the whole estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	<p>Total GIA for the whole estate. Sum total of Non-residential GIA and Residential GIA.</p> <p>Commercial space that can be separately identified as a discrete area together with all associated costs, staff, energy, waste, emissions etc. is considered non-returnable and should be excluded from the Estates management record.</p> <p>Only in circumstances where commercial space cannot be identified in accordance with the aforementioned conditions is it considered returnable and should therefore be included in the Estates management record (together with all associated costs, staff, energy, waste, emissions etc.).</p> <p>Please note that this field does not use Total GIA commercial space in the calculation. Any returnable commercial space is already included in Non-residential GIA and Residential GIA.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government.
Part Of	Gross Internal Area - D11
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMGIAT Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Total GIA commercial space

Type	field
Short Name	SMGIACT
Description	This field contains data about the total Gross Internal Area (GIA) dedicated for commercial use. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	<p>The total of returnable GIA dedicated for commercial use for the whole estate.</p> <p>The term commercial space/property (also called investment or income property) refers to buildings (or part buildings) or land intended to generate a profit or strategic benefit to the HEP, which might be from capital gain, rental income or collaboration benefits, i.e. intellectual property rights or other. The arrangements may be by licence, lease or other formal arrangement. In general, commercial space would be let to a third party, whose aims and objectives are not an integral part of the core function of the HEP. The floor area of any commercial space that is currently vacant, even if it has been let previously and may be again, should not be separately identified as commercial if the costs associated with that space are included elsewhere within the Estates management record.</p> <p>Commercial space that can be separately identified as a discrete area together with all associated costs, staff, energy, waste, emissions etc. is considered non-returnable and should be excluded from the Estates management record.</p> <p>Only in circumstances where commercial space cannot be identified in accordance with the aforementioned conditions is it considered returnable and should therefore be included in the Estates management record (together with all associated costs, staff, energy, waste, emissions etc.).</p> <p>Please note that this field is not used in the calculation of Total GIA.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Gross Internal Area - D11
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMGIACT Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Gross Internal Area in DEC or EPC - D78 and D79

Type	entity
Short Name	GrossInternalAreaInDECOrEPC
Description	The fields in this entity contain data about Gross Internal Area (GIA) in Display Energy Certificates (DEC) or Energy Performance Certificates (EPC) (Scotland Only).
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Report the proportion of Total GIA (excluding commercial space) which is in each of the DEC or EPC (Scotland only) rating categories.</p> <p>Further information on DEC and advisory reports for public buildings can be found in the document 'A guide to Display Energy Certificates and advisory reports for public buildings'.</p>
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential GIA in DEC or EPC category A (ENRGIAA) Non-residential GIA in DEC or EPC category B (ENRGIB) Non-residential GIA in DEC or EPC category C (ENRGIC) Non-residential GIA in DEC or EPC category D (ENRGID) Non-residential GIA in DEC or EPC category E (ENRGIE) Non-residential GIA in DEC or EPC category F (ENRGIF) Non-residential GIA in DEC or EPC category G (ENRGIG) Residential GIA in DEC or EPC category A (ERGIAA) Residential GIA in DEC or EPC category B (ERGIAB) Residential GIA in DEC or EPC category C (ERGIAC) Residential GIA in DEC or EPC category D (ERGIAD) Residential GIA in DEC or EPC category E (ERGIAE) Residential GIA in DEC or EPC category F (ERGIAF) Residential GIA in DEC or EPC category G (ERGIAG)
Owner	HESA
Version	1.0

Non-residential GIA in DEC or EPC category A

Type	field
Short Name	ENRGIAA
Description	This field contains data about GIA in DEC or EPC (Scotland only) which falls under rating category A for the non-residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	Non-residential GIA in DEC/(EPC - Scotland only) Category A.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Gross Internal Area in DEC or EPC - D78 and D79
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ENRGIAA Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Non-residential GIA in DEC or EPC category B

Type	field
Short Name	ENRGIAB
Description	This field contains data about GIA in DEC or EPC (Scotland only) which falls under rating category B for the non-residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	Non-residential GIA in DEC/(EPC - Scotland only) Category B.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Gross Internal Area in DEC or EPC - D78 and D79
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ENRGIAB Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Non-residential GIA in DEC or EPC category C

Type	field
Short Name	ENRGIAC
Description	This field contains data about GIA in DEC or EPC (Scotland only) which falls under rating category C for the non-residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	Non-residential GIA in DEC/(EPC - Scotland only) Category C.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Gross Internal Area in DEC or EPC - D78 and D79
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ENRGIAC Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Non-residential GIA in DEC or EPC category D

Type	field
Short Name	ENRGIAD
Description	This field contains data about GIA in DEC or EPC (Scotland only) which falls under rating category D for the non-residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	Non-residential GIA in DEC/(EPC - Scotland only) Category D.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Gross Internal Area in DEC or EPC - D78 and D79
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ENRGIAD Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Non-residential GIA in DEC or EPC category E

Type	field
Short Name	ENRGIAE
Description	This field contains data about GIA in DEC or EPC (Scotland only) which falls under rating category E for the non-residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	Non-residential GIA in DEC/(EPC - Scotland only) Category E.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Gross Internal Area in DEC or EPC - D78 and D79
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ENRGIAE Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Non-residential GIA in DEC or EPC category F

Type	field
Short Name	ENRGIAF
Description	This field contains data about GIA in DEC or EPC (Scotland only) which falls under rating category F for the non-residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	Non-residential GIA in DEC/(EPC - Scotland only) Category F.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Gross Internal Area in DEC or EPC - D78 and D79
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ENRGIAF Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Non-residential GIA in DEC or EPC category G

Type	field
Short Name	ENRGIAG
Description	This field contains data about GIA in DEC or EPC (Scotland only) which falls under rating category G for the non-residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	Non-residential GIA in DEC/(EPC - Scotland only) Category G.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Gross Internal Area in DEC or EPC - D78 and D79
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ENRGIAG Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Residential GIA in DEC or EPC category A

Type	field
Short Name	ERGIAA
Description	This field contains data about GIA in DEC or EPC (Scotland only) which falls under rating category A for the residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	Residential GIA in DEC/(EPC - Scotland only) Category A.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Gross Internal Area in DEC or EPC - D78 and D79
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ERGIAA Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Residential GIA in DEC or EPC category B

Type	field
Short Name	ERGIAB
Description	This field contains data about GIA in DEC or EPC (Scotland only) which falls under rating category B for the residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	Residential GIA in DEC/(EPC - Scotland only) Category B.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Gross Internal Area in DEC or EPC - D78 and D79
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ERGIAB Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Residential GIA in DEC or EPC category C

Type	field
Short Name	ERGIAC
Description	This field contains data about GIA in DEC or EPC (Scotland only) which falls under rating category C for the residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	Residential GIA in DEC/(EPC - Scotland only) Category C.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Gross Internal Area in DEC or EPC - D78 and D79
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ERGIAC Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Residential GIA in DEC or EPC category D

Type	field
Short Name	ERGIAD
Description	This field contains data about GIA in DEC or EPC (Scotland only) which falls under rating category D for the residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	Residential GIA in DEC/(EPC - Scotland only) Category D.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Gross Internal Area in DEC or EPC - D78 and D79
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ERGIAD Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Residential GIA in DEC or EPC category E

Type	field
Short Name	ERGIAE
Description	This field contains data about GIA in DEC or EPC (Scotland only) which falls under rating category E for the residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	Residential GIA in DEC/(EPC - Scotland only) Category E.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Gross Internal Area in DEC or EPC - D78 and D79
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ERGIAE Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Residential GIA in DEC or EPC category F

Type	field
Short Name	ERGIAF
Description	This field contains data about GIA in DEC or EPC (Scotland only) which falls under rating category F for the residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	Residential GIA in DEC/(EPC - Scotland only) Category F.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Gross Internal Area in DEC or EPC - D78 and D79
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ERGIAF Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Residential GIA in DEC or EPC category G

Type	field
Short Name	ERGIAG
Description	This field contains data about GIA in DEC or EPC (Scotland only) which falls under rating category G for the residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	Residential GIA in DEC/(EPC - Scotland only) Category G.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Gross Internal Area in DEC or EPC - D78 and D79
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ERGIAG Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Grounds area - D09

Type	entity
Short Name	GroundsArea
Description	The fields in this entity contain data about grounds area.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Measurement, in hectares (ha), of the grounds of the estate, including water and listed/heritage areas.</p> <p>Areas relating to commercial space should be excluded.</p>
Mandatory for	
Reason Required	
Part Of	Space measurement
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Grounds area water (SMGAW)</p> <p>Grounds area listed or heritage (SMGALH)</p> <p>Total grounds area (SMGAT)</p>
Owner	HESA
Version	1.0

Grounds area listed or heritage

Type	field
Short Name	SMGALH
Description	This field contains data about grounds area of landscaping which has listed or heritage status. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Hectare (ha)
Notes	<p>Area of landscaping owned or managed by the HEP with a Conservation Area/Listed Status or within English Heritage, Historic Scotland, CADW in Wales, The Register of Parks and Gardens, or The Register of Landscapes of Special Historic Interest.</p> <p>This may include areas within listed buildings, such as quadrangles, but only if they have been listed separately.</p> <p>Data should be rounded to the nearest 0.1 ha.</p> <p>This figure is for the whole estate.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Grounds area - D09
Field Length	8
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMGALH Data type: LENGTH8DECIMAL3Type
Owner	HESA
Version	1.0

Grounds area water

Type	field
Short Name	SMGAW
Description	This field contains data about grounds area which is water. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Hectare (ha)
Notes	<p>Surface area of water forms owned or managed by the HEP to the nearest 0.1ha for the total estate.</p> <p>This must only include non-treated water sources and should therefore exclude fountains and other treated water features.</p> <p>Include sustainable drainage systems (SUDS), but exclude water tanks for the storage of rain water or 'grey water'.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Grounds area - D09
Field Length	8
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMGAW Data type: LENGTH8DECIMAL3Type
Owner	HESA
Version	1.0

Total grounds area

Type	field
Short Name	SMGAT
Description	This field contains data about total grounds area. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Hectare (ha)
Notes	<p>Total grounds area for the whole estate.</p> <p>The total hectareage of grounds (including residential areas) regularly maintained by the HEP. Include the area of surface level car parks, highways, operational farmland, listed or heritage areas and areas of ground water e.g. ponds, lakes and rivers, which are the maintenance responsibility of the HEP.</p> <p>Exclude space allocated under Playing fields area, farmland held for investment or primarily commercial purposes and space which is left fallow (e.g. development sites, non-maintained woodland etc.) and any areas of water maintained by others e.g. Department for the Environment, British Waterways Board etc.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Grounds area - D09
Field Length	8
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMGAT Data type: LENGTH8DECIMAL3Type
Owner	HESA
Version	1.0

Hazardous waste

Type	entity
Short Name	HazardousWaste
Description	The field in this entity contains data about hazardous waste.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The approximate annual mass (tonnes) of hazardous waste arising from HEP activities. Hazardous waste is defined as the types of waste that are harmful to human health, or to the environment, either immediately or over an extended period of time. Hazardous wastes are identified in the Environment Agency: European Waste Catalogue, a list of waste descriptions established by the European Commission.</p> <p>Hazardous waste includes:</p> <ul style="list-style-type: none"> • asbestos, • chemicals, • electrical and electronic equipment, • fluorescent light tubes and energy-saving light bulbs, • healthcare/clinical, • lead acid batteries, • oils, • pesticides, • refrigerators containing ozone-depleting substances, • solvents. <p>Further information on assessing and classifying hazardous waste can be found in the document 'Technical Guidance WM2' on the Environment Agency website.</p> <p>Hazardous waste needs to be tracked and inventoried throughout the HEP to meet regulatory requirements; therefore monitoring and reporting of the annual hazardous waste mass ought to be relatively straightforward.</p> <p>Although residential buildings will produce waste of a hazardous nature, this type of waste produced by households is not classified as hazardous waste under the Hazardous Waste Regulations 2005. Therefore, it is not necessary for HEPs to collate hazardous waste data from residential properties where it is collected by a local authority. Where HEPs do collate and monitor hazardous waste data from residential buildings this would represent best practice.</p>
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Total hazardous waste (EHAZWT)
Owner	HESA
Version	1.0

Total hazardous waste

Type	field
Short Name	EHAZWT
Description	This field contains data about the total hazardous waste for the whole estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	Total hazardous waste (tonnes) for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Hazardous waste
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EHAZWT Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Health and Safety

Type	entity
Short Name	HealthandSafety
Description	This web-form will collect data about Health and Safety.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	
Mandatory for	
Reason Required	
Part Of	Institution
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Incidents involving injury Dangerous occurrences Occupational injuries reportable under RIDDOR Occupational diseases reportable under RIDDOR Incidents involving fire Student and bed space counts
Owner	HESA
Version	1.0

Hit by a moving vehicle

Type	entity
Short Name	HitByAMovingVehicle
Description	The fields in this entity contain data about the number of injuries from being hit by a moving vehicle.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of injuries from being hit by a moving vehicle.</p> <p>Do not include such injuries occurring in commercially let space.</p> <p>Further information on occupational injuries reportable under RIDDOR can be found in the document 'The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995'.</p>
Mandatory for	
Reason Required	
Part Of	Occupational injuries reportable under RIDDOR
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Number of staff injuries from being hit by a moving vehicle (OSFHMV)</p> <p>Number of student injuries from being hit by a moving vehicle (OSTHMOV)</p> <p>Number of other persons injuries from being hit by a moving vehicle (OOTHMOV)</p>
Owner	HESA
Version	1.0

Number of other persons injuries from being hit by a moving vehicle

Type	field
Short Name	OOTHMV
Description	This field contains data about the number of injuries to persons other than staff and students from being hit by a moving vehicle.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to persons other than staff and students from being hit by a moving vehicle. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Hit by a moving vehicle
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OOTHMV Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of staff injuries from being hit by a moving vehicle

Type	field
Short Name	OSFHMV
Description	This field contains data about the number of injuries to staff from being hit by a moving vehicle.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to staff from being hit by a moving vehicle. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Hit by a moving vehicle
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSFHMV Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of student injuries from being hit by a moving vehicle

Type	field
Short Name	OSTHMOV
Description	This field contains data about the number of injuries to students from being hit by a moving vehicle.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to students from being hit by a moving vehicle. Figure for the whole estate
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Hit by a moving vehicle
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSTHMOV Data type: NUMBER3Type
Owner	HESA
Version	1.0

Hit by a moving, flying, or falling object

Type	entity
Short Name	HitByAMovingFlyingorFallingObject
Description	The fields in this entity contain data about the number of injuries caused by being hit by a moving, flying or falling object.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of injuries from being hit by a moving, flying, or falling object.</p> <p>Do not include such injuries occurring in commercially let space.</p> <p>Further information on occupational injuries reportable under RIDDOR can be found in the document 'The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995'.</p>
Mandatory for	
Reason Required	
Part Of	Occupational injuries reportable under RIDDOR
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Number of staff injuries from being hit by a moving, flying, or falling object (OSFHMFFO)</p> <p>Number of student injuries from being hit by a moving, flying, or falling object (OSTHMFFO)</p> <p>Number of other persons injuries from being hit by a moving, flying, or falling object (OOTHMFFO)</p>
Owner	HESA
Version	1.0

Number of other persons injuries from being hit by a moving, flying, or falling object

Type	field
Short Name	OOTHMFFO
Description	This field contains data about the number of injuries to persons other than staff and students caused by being hit by a moving, flying or falling object.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to persons other than students or staff caused by being hit by a moving, flying or falling object. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Hit by a moving, flying, or falling object
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OOTHMFFO Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of staff injuries from being hit by a moving, flying, or falling object

Type	field
Short Name	OSFHMFFO
Description	This field contains data about the number of injuries to staff caused by being hit by a moving, flying or falling object.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of staff injuries caused by being hit by a moving, flying or falling object. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Hit by a moving, flying, or falling object
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSFHMFFO Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of student injuries from being hit by a moving, flying, or falling object

Type	field
Short Name	OSTHMFFO
Description	This field contains data about the number of injuries to students caused by being hit by a moving, flying or falling object.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to students caused by being hit by a moving, flying or falling object. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Hit by a moving, flying, or falling object
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSTHMFFO Data type: NUMBER3Type
Owner	HESA
Version	1.0

Hit something fixed or stationary

Type	entity
Short Name	HitSomethingFixedorStationary
Description	This fields in this entity contain data about the number of injuries caused by hitting something fixed or stationary.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of injuries caused by hitting something fixed or stationary.</p> <p>Do not include such injuries occurring in commercially let space.</p> <p>Further information on occupational injuries reportable under RIDDOR can be found in the document 'The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995'.</p>
Mandatory for	
Reason Required	
Part Of	Occupational injuries reportable under RIDDOR
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Number of staff injuries from hitting something fixed or stationary (OSFHFS)</p> <p>Number of student injuries from hitting something fixed or stationary (OSTHFS)</p> <p>Number of other persons injuries from hitting something fixed or stationary (OOTHFS)</p>
Owner	HESA
Version	1.0

Number of other persons injuries from hitting something fixed or stationary

Type	field
Short Name	OOTHFS
Description	This field contains data about the number of injuries to persons other than staff or students caused by hitting something fixed or stationary.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to persons other than staff and students caused by hitting something fixed or stationary. Figure for the whole estate of the HEP.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Hit something fixed or stationary
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OOTHFS Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of staff injuries from hitting something fixed or stationary

Type	field
Short Name	OSFHFS
Description	This field contains data about the number of injuries to staff caused by hitting something fixed or stationary.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to staff caused by hitting something fixed or stationary. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Hit something fixed or stationary
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSFHFS Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of student injuries from hitting something fixed or stationary

Type	field
Short Name	OSTHFS
Description	This field contains data about the number of injuries to students caused by hitting something fixed or stationary.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to students caused by hitting something fixed or stationary. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Hit something fixed or stationary
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSTHFS Data type: NUMBER3Type
Owner	HESA
Version	1.0

Incidents involving fire

Type	entity
Short Name	IncidentsInvolvingFire
Description	Data about incidents involving fire is contained in this entity.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of incidents involving fire.</p> <p>Exclude those occurring in space not managed by the HEP.</p>
Mandatory for	
Reason Required	
Part Of	Health and Safety
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Directly exposed to fire or smoke</p> <p>Number of major fires</p> <p>Number of minor fires</p> <p>Number of internal fires that did not sound the fire alarm</p> <p>Number of malicious fire alarms</p> <p>Number of other false fire alarm activations</p> <p>Overall number of fire alarm activations</p> <p>Number of automatic detectors</p> <p>Fire and Rescue Services attendance</p>
Owner	HESA
Version	1.0

Incidents involving injury

Type	entity
Short Name	IncidentsInvolvingInjury
Description	Data about incidents involving injury is contained in this entity.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of incidents involving injury including RIDDOR reportable injuries (i.e. fatalities, specified major injuries or conditions, injuries to non-employees requiring hospital treatment and injuries involving staff in more than 7 days absence from work excluding the day of the incident).</p> <p>Do not include such incidents that occur in commercially let space.</p>
Mandatory for	
Reason Required	
Part Of	Health and Safety
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Fatalities Specified major injuries Non-employee hospital treatment for reportable injuries Other injuries involving more than seven days incapacitation RIDDOR reportable injuries
Owner	HESA
Version	1.0

Income - D01

Type	entity
Short Name	Income
Description	The fields in this entity contain data about income.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>All numbers should be consistent with the requirements of the SORP (Statement of Recommended Practice: accounting for further and higher education). From 2012/13 income includes income from catering operations (including conferences).</p> <p>Income relating to commercial space should be excluded.</p>
Mandatory for	
Reason Required	
Part Of	Finance
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>HESA supplied teaching income (FITEI)</p> <p>HESA supplied research income (FIREI)</p> <p>HESA supplied other non-residential income (FINRIO)</p> <p>HESA supplied non-residential income total (FINRIT)</p> <p>HESA supplied catering income (FICATI)</p> <p>HESA supplied residences income (FIRESI)</p> <p>HESA supplied total income (FIIT)</p>
Owner	HESA
Version	1.0

HESA supplied catering income

Type	field
Short Name	FICATI
Description	This field contains data about catering income.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	<p>This data will be provided by HESA.</p> <p>Catering income is rental income earned from students over the duration of the normal academic year. This includes the gross income from catering and conference operations (as per Finance record Table 7 UK 'Income analysed by source' Sub-head 4bii 'Catering operations (including conferences)'. It is recognised that this may in some cases include income that relates to non-residential catering and conference income.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Income - D01
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FICATI Data type: NUMBER10Type
Owner	HESA
Version	1.0
Change management notes	Data item added to the Estates management record for 2015/16. Following changes to the Finance collection, catering financial information is collected separate from the residential financial information.

HESA supplied non-residential income total

Type	field
Short Name	FINRIT
Description	This field contains data about total non-residential income.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	<p>This data will be provided by HESA.</p> <p>Sum total of HESA supplied teaching income, HESA supplied research income, and HESA supplied other non-residential income.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Income - D01
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FINRIT Data type: NUMBER10Type
Owner	HESA
Version	1.0

HESA supplied other non-residential income

Type	field
Short Name	FINRIO
Description	This field contains data about other non-residential income.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	<p>This data will be provided by HESA.</p> <p>HEP income other non-residential includes all income from the Finance record Table 7 UK 'Income analysed by source' categorised as:</p> <ul style="list-style-type: none"> • Head 4ai 'BIS Research Councils, UK central government/local authorities, health and hospital authorities, EU government bodies' plus, • Head 4aia 'Other' plus, • Head 4c 'Grants from local authorities' plus, • Head 4d 'Income from health and hospital authorities (excluding teaching contracts for student provision)' plus, • Head 4e 'Other grant income' plus, • Head 4f 'Capital grants recognised in the year' plus, • Head 4g 'Income from intellectual property rights' plus, • Head 4h 'Other operating income' plus, • Head 5 'Investment income'
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Income - D01
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FINRIO Data type: NUMBER10Type
Owner	HESA
Version	1.0

HESA supplied research income

Type	field
Short Name	FIREI
Description	This field contains data about research income.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	<p>This data will be provided by HESA.</p> <p>HEP income research total includes all income from the Finance record Table 7 UK 'Income analysed by source' categorised as:</p> <ul style="list-style-type: none"> • Head 3aix 'Total BIS Research Councils, The Royal Society, British Academy and The Royal Society of Edinburgh' plus, • Head 3b 'UK-based charities (open competitive process)' plus, • Head 3c 'UK-based charities (other)' plus, • Head 3d 'UK central government bodies/local authorities, health and hospital authorities' plus, • Head 3e 'UK central government tax credits for research and development expenditure' plus, • Head 3f 'UK industry, commerce and public corporations' plus, • Head 3h 'EU government bodies' plus, • Head 3i 'EU-based charities (open competitive process)' plus, • Head 3j 'EU industry, commerce and public corporations' plus, • Head 3k 'EU (excluding UK) other' plus, • Head 3l 'Non-EU-based charities (open competitive process)' plus, • Head 3m 'Non-EU industry, commerce and public corporations' plus, • Head 3n 'Non-EU other' plus, • Head 3g 'UK other sources' <p>Plus the following from Table 7 England/Wales/Scotland/Northern Ireland depending on administration:</p> <p>England</p> <ul style="list-style-type: none"> • Head 1b 'HEFCE research grant' <p>Wales</p> <ul style="list-style-type: none"> • Head 1e 'QR and PGR funding' <p>Scotland</p> <ul style="list-style-type: none"> • Head 1b 'General fund research and knowledge exchange' <p>Northern Ireland</p> <ul style="list-style-type: none"> • Head 1b 'Recurrent (research)'
Mandatory for	
Reason Required	Sector use and benchmarking.

Part Of	Income - D01
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FIREI Data type: NUMBER10Type
Owner	HESA
Version	1.0

HESA supplied residences income

Type	field
Short Name	FIRESI
Description	This field contains data about residences income.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	<p>This data will be provided by HESA.</p> <p>Residences income is rental income earned from students over the duration of the normal academic year. This includes the gross income from residences (as per Finance record Table 7 UK 'Income analysed by source' Sub-head 4bi Residences operations (including conferences).</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Income - D01
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FIRESI Data type: NUMBER10Type
Owner	HESA
Version	1.0
Change management notes	Data item added to the Estates management record for 2015/16. Following changes to the Finance collection, catering financial information is collected separate from the residential financial information.

HESA supplied teaching income

Type	field
Short Name	FITEI
Description	This field contains data about teaching income.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	<p>This data will be provided by HESA.</p> <p>HEP income teaching total includes the income from the Finance record Table 7 UK 'Income analysed by source' Head 1 'Tuition fees and education contracts'. Plus the following from Table 7 England/Wales/Scotland/Northern Ireland depending on administration:</p> <p>England</p> <ul style="list-style-type: none"> • Head 1a 'HEFCE teaching grant' plus, • Head 1c 'HEFCE other grants' plus, • Head 1d 'SFA funding' plus, • Head 1e 'NCTL funding' plus, • Head 1f 'Capital grants recognised in the year' <p>Wales</p> <ul style="list-style-type: none"> • Head 1a 'Teaching grant - full-time UG provision (including PGCE and premia and per capita funding)' plus, • Head 1b 'Teaching grant - full-time PG provision (including premia and per capita funding)' plus, • Head 1c 'Teaching grant - part-time UG provision (including premia and per capita funding)' plus, • Head 1d 'Teaching grant - part-time PG provision (including premia and per capita funding)' plus, • Head 1f 'Non formula funding grant' plus, • Head 1g 'Capital grants recognised in the year - equipment' plus, • Head 1h 'Capital grants recognised in the year - estates' plus, • Head 1i 'DfES recurrent grants' <p>Scotland</p> <ul style="list-style-type: none"> • Head 1a 'General fund teaching' plus, • Head 1c 'Ring-fenced grants' plus, • Head 1d 'Strategic funds' plus, • Head 1e 'SFC capital maintenance grant' plus, • Head 1f 'Capital grants recognised in the year' plus, • Head 1g 'Grants for FE provision' <p>Northern Ireland</p> <ul style="list-style-type: none"> • Head 1a 'Recurrent (teaching)' plus, • Head 1c 'Recurrent - other (including non-recurrent special funding)' plus, • Head 1d 'Capital grants recognised in the year'
Mandatory for	

Reason Required	Sector use and benchmarking.
Part Of	Income - D01
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FITEI Data type: NUMBER10Type
Owner	HESA
Version	1.0

HESA supplied total income

Type	field
Short Name	FIIT
Description	This field contains data about the total income.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	<p>This data will be provided by HESA.</p> <p>Total consolidated income of the HEP from all sources (e.g. funding council grants, academic fees and support grants, research grants and contracts, other operating income, endowment income, and interest receivable) or as qualified by headings. Sum total of HESA supplied non-residential income total, HESA supplied catering income and HESA supplied residences income.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Income - D01
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FIIT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Injured by an animal

Type	entity
Short Name	InjuredByAnAnimal
Description	The fields in this entity contain data about the number of injuries caused by an animal.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of injuries caused by an animal.</p> <p>Do not include such injuries occurring in commercially let space.</p> <p>Further information on occupational injuries reportable under RIDDOR can be found in the document 'The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995'.</p>
Mandatory for	
Reason Required	
Part Of	Occupational injuries reportable under RIDDOR
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Number of staff injuries from an animal (OSFIJAN)</p> <p>Number of student injuries from an animal (OSTIJAN)</p> <p>Number of other persons injuries from an animal (OOTIJAN)</p>
Owner	HESA
Version	1.0

Number of other persons injuries from an animal

Type	field
Short Name	OOTIJAN
Description	This field contains data about the number of injuries to persons other than staff and students caused by an animal.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of other persons injuries from an animal that occurred on the whole estate of the HEP.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Injured by an animal
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OOTIJAN Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of staff injuries from an animal

Type	field
Short Name	OSFIJAN
Description	This field contains data about the number of injuries to staff caused by an animal.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to staff caused by an animal. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Injured by an animal
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSFIJAN Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of student injuries from an animal

Type	field
Short Name	OSTIJAN
Description	This field contains data about the number of injuries to students caused by an animal.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to students caused by an animal. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Injured by an animal
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSTIJAN Data type: NUMBER3Type
Owner	HESA
Version	1.0

Injured while handling, lifting, or carrying

Type	entity
Short Name	InjuredWhileHandlingLiftingorCarrying
Description	The fields in this entity contain data about the number of injuries caused while handling, lifting, or carrying that occurred.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of injuries caused while handling, lifting, or carrying. Figure for the whole estate.</p> <p>Do not include such injuries occurring in commercially let space.</p> <p>Further information on occupational injuries reportable under RIDDOR can be found in the document 'The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995'.</p>
Mandatory for	
Reason Required	
Part Of	Occupational injuries reportable under RIDDOR
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Number of staff injuries while handling, lifting, or carrying (OSFHLC)</p> <p>Number of student injuries while handling, lifting, or carrying (OSTHLC)</p> <p>Number of other persons injuries while handling, lifting, or carrying (OOTHLC)</p>
Owner	HESA
Version	1.0

Number of other persons injuries while handling, lifting, or carrying

Type	field
Short Name	OOTHLC
Description	This field contains data about the number of injuries to persons other than staff and students caused while handling, lifting, or carrying.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to persons other than staff or students caused while handling, lifting, or carrying. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Injured while handling, lifting, or carrying
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OOTHLC Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of staff injuries while handling, lifting, or carrying

Type	field
Short Name	OSFHLC
Description	This field contains data about the number of injuries to staff caused while handling, lifting, or carrying that occurred.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of staff injuries caused while handling, lifting, or carrying. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Injured while handling, lifting, or carrying
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSFHLC Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of student injuries while handling, lifting, or carrying

Type	field
Short Name	OSTHLC
Description	This field contains data about the number of injuries to students caused while handling, lifting, or carrying.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to students caused while handling, lifting, or carrying. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Injured while handling, lifting, or carrying
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSTHLC Data type: NUMBER3Type
Owner	HESA
Version	1.0

Institution

Type	entity
Short Name	Institution
Description	These elements describe the reporting higher education provider (HEP).
Applicable to	England Northern Ireland Scotland Wales
Coverage	Every submission must include a single Institution element
Notes	
Mandatory for	
Reason Required	
Part Of	
Minimum Occurrences	1
Maximum Occurrences	1
Has Parts	Estates management Health and Safety
Owner	HESA
Version	1.0

Insurance premiums and contributions - D29

Type	entity
Short Name	InsurancePremiumsandContributions
Description	The fields in this entity contain data about insurance premiums and contributions.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The annual costs of premiums for insuring the premises to include all building insurance, contents, contents insurance and business interruption policies, including any relevant brokerage fees.</p> <p>Exclude any costs relating to commercial space.</p> <p>The total should include premiums or mutual contributions for terrorism, liability under the Health and Safety at Work regulations (including employers' liability), flood, burst pipes, subsidence, fire, explosion and insurance premium tax.</p> <p>Exclusions relate to:</p> <ul style="list-style-type: none"> • An overall insurance policy including loss of trade. • Public liability insurance (if cover relating to loss or damage to property or similar terms can be identified separately, this should be included in Insurance premium). • Damage to or theft of computers if covered by a separate policy to content. • All insurance costs relating to commercial space. <p>The insurance premium may not relate to the Insurance replacement value.</p>
Mandatory for	
Reason Required	
Part Of	Finance
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential insurance premiums and contributions (FNRIPCO) Residential insurance premiums and contributions (FRIPCO) Total insurance premiums and contributions (FIPCOT)
Owner	HESA
Version	1.0

Non-residential insurance premiums and contributions

Type	field
Short Name	FNRIPCO
Description	This field contains data about non-residential insurance premiums and contributions.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the total non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Insurance premiums and contributions - D29
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRIPCO Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential insurance premiums and contributions

Type	field
Short Name	FRIPCO
Description	This field contains data about residential insurance premiums and contributions.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Insurance premiums and contributions - D29
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRIPCO Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total insurance premiums and contributions

Type	field
Short Name	FIPCOT
Description	This field contains data about the total insurance premiums and contributions for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total insurance premiums and contributions for the whole estate. Sum total of Non-residential insurance premiums and contributions and Residential insurance premiums and contributions.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Insurance premiums and contributions - D29
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FIPCOT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Insurance replacement value - D24

Type	entity
Short Name	InsuranceReplacementValue
Description	The fields in this entity contain data about insurance replacement value (IRV).
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>This is the current cost of re-building the property to a standard similar to that of the existing, subject to appropriate allowances being made for any extra work which may be required as a result of physical conditions or statutory provisions, such as changes in building regulations. It does not record the value for which the property is insured.</p> <p>The figure should be adjusted to include demolition and site clearance, the effect of special site restrictions, professional fees and VAT. Exclude the value of contents. Exclude leasehold property where the landlord insures.</p> <p>Areas relating to commercial space should be excluded.</p> <p>The replacement value must be the actual cost to re-build and will not necessarily be the insured value for insurance purposes. When calculating, the HEP must assume the current rate of VAT regardless of the HEPs ability to reclaim. The Building Cost Information Service (BCIS) rebuilding costs should be used when determining IRV but should be adjusted accordingly to reflect local conditions. The evaluation for the cost to re-build should be updated on a regular basis and in any event the figure returned should have been calculated no more than 3 years ago.</p> <p>Integral fixtures and fittings e.g. chemical fume cupboards should be included in IRV.</p>
Mandatory for	
Reason Required	
Part Of	Buildings and functionality
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential insurance replacement value (BNRIRV) Residential insurance replacement value (BRIRV) Total insurance replacement value (BTIRV)
Owner	HESA
Version	1.0

Non-residential insurance replacement value

Type	field
Short Name	BNRIRV
Description	This field contains data about the insurance replacement value of non-residential buildings.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	The current cost of re-building the HEP's non-residential estate.
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, financial health monitoring and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Insurance replacement value - D24
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRIRV Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential insurance replacement value

Type	field
Short Name	BRIRV
Description	This field contains data about the insurance replacement value of residential buildings.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	The current cost of re-building the HEP's non-residential estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Insurance replacement value - D24
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRIRV Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total insurance replacement value

Type	field
Short Name	BTIRV
Description	This field contains data about the total insurance replacement value of all buildings.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total current cost of re-building the whole estate. Sum total of Non-residential insurance replacement value and Residential insurance replacement value.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Insurance replacement value - D24
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BTIRV Data type: NUMBER10Type
Owner	HESA
Version	1.0

Internally-incurred property management costs - D35

Type	entity
Short Name	InternallyIncurredPropertyManagementCosts
Description	The fields in this entity contain data about Internally-incurred property management costs.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Internally-incurred costs associated with all property management activities excluding any commercial space. This should include:</p> <ul style="list-style-type: none"> Internally-incurred estate management costs: This category should include all costs (both 'high level' and other appropriate staff and associated costs for this activity) associated with estates strategy and planning, all landlord and tenant matters, acquisition and sales, rating, buildings insurance, energy, water and sewerage, and landscaping, repair and maintenance and internal moves. <p>In the case of estates strategy and planning, landlord and tenant matters, purchases and sales, rating and buildings insurance, these costs are likely to cover all staff. For energy, water and sewerage, landscaping, repair and maintenance, including major revenue projects and internal moves, costs are for 'high level' staff and associated costs. This should include all staff not responsible for supervising or undertaking these activities directly.</p> <p>Include legal costs of estate management work.</p> <ul style="list-style-type: none"> Internally-incurred facilities management costs: This category should include all staff and associated costs that support the occupancy of the estate, other than the operational facilities costs. This will include the costs of management and administration (not supervision) of cleaning, security and portage, reception services, post room and internal distribution services and help-desk management. (Note: this definition excludes other activities that may be classed as facilities management, such as telephone costs. These operational and management costs should therefore be excluded from this return). <p>Include legal costs of facilities management work.</p> <ul style="list-style-type: none"> Internally-incurred project management costs: This category should include all the staff and associated costs required to plan for and justify capital and revenue projects (including capital bids) and designing and/or project managing the work. (This combination of costs should therefore cover all staff associated with this activity). <p>Construction costs should not be included here.</p> <p>Include legal costs of project management work. Note: the combination of management costs and operational costs (see security costs, portage costs, central post room and internal central post room and internal distribution services costs etc.) should capture all relevant property management costs for the relevant category of activity. Thus, the costs of managing the activities listed under the 'estate management' heading need to be captured, along with the costs of the activities themselves. Apart from facilities management, therefore, coverage of costs should be comprehensive.</p> <p>Include the following costs for each category of management:</p>

- staff costs (salary, national insurance, pension contributions, and the value of other perquisites as presented to Inland Revenue). Include the staffing costs of those outside the estates department (but within the HEP) who do work of this kind,
- direct office running costs associated with relevant management functions (support staff, such as departmental secretaries, equipment, expenses, communications and consumables).

Interpretation guidance

The emphasis of Internally-incurred property management costs is to capture 'high level' internal property management costs. However, this is not appropriate for all categories of property management as it would result in certain costs not being captured. This guidance therefore sets out to make clear what staff costs should be captured in each category of 'management', as well as commenting on how they relate to operational costs.

As a general guide, the staff costs captured in Internally-incurred property management costs should relate through to the staff numbers captured under Property management staffing.

Below are a series of categories of 'management'. They are intended solely as a guide to the type of person/activity that might fall within these levels of management, and hence how they should be treated in terms of Internally-incurred property management costs. However, it will remain a matter of judgement by the HEP how to assign people to the various categories and so these notes should be treated as aiding that process rather than being prescriptive.

High level management

High level management is taken to include those staff charged with developing policy and/or strategic operational activities, and/or major staff management responsibilities. This is likely to include the Director of Estates/Facilities, Assistant Directors, Senior Specialists. This list is not exhaustive. This is the category of staff that are likely to form the sole or main input to the staff cost definition Internally-incurred property management costs, unless otherwise stated. Other staff costs should, as appropriate, be allocated elsewhere in the operational cost definitions, or Externally-provided property management costs.

Middle management

Middle management is taken to include staff with a responsibility for the implementation of policy and/or management of operations. There may, in addition, be functional staff management responsibilities, such as being responsible for a particular team or activity area. This is likely to include architects, engineers, surveyors, planners and administrative officers. Such staff would normally be included within the appropriate operational cost definition.

Thus, an mechanical and electrical engineer responsible for the minor works programme would be likely to have costs allocated under Repairs and maintenance costs.

The exceptions to this may be those staff who have a sole or proportionate engagement in estate strategy, landlord and tenant or similar activities. Unless these activities can be assigned to another operational cost definition, such as Repairs and maintenance costs then they will need to be captured under the appropriate staff management cost definition. For strategy and landlord and tenant work this would be Internally-incurred Estate management costs.

	<p>Direct management/supervisors</p> <p>Direct managers and/or supervisors are taken to be those staff which have day-to-day management of appropriate operational staff. These staff costs should be returned under the appropriate operational costs heading.</p> <p>Administrative support</p> <p>Administrative staff includes secretaries, clerical staff, technical staff, administrators etc. They are responsible for supporting the activities of the estate and facilities staff, be they managers or operational staff. They should be apportioned across estate management, facilities management, project management and operational costs, as far as considered appropriate.</p> <p>Operational staff</p> <p>Operational staff includes carpenters, electricians and building and maintenance personnel. This list is not exhaustive. This category of staff would normally be captured under the appropriate operational definition. As an example, cleaning staff costs (excluding managers and supervisors) would be captured under this definition.</p>
Mandatory for	
Reason Required	
Part Of	Finance
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential Internally-incurred property management costs (FNRIIPMC) Residential Internally-incurred property management costs (FRIIPMC) Total Internally-incurred property management costs (FIIPMCT)
Owner	HESA
Version	1.0

Non-residential Internally-incurred property management costs

Type	field
Short Name	FNRIIPMC
Description	This field contains data about internally-incurred property management costs for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the internally-incurred property management costs of the non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Internally-incurred property management costs - D35
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRIIPMC Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential Internally-incurred property management costs

Type	field
Short Name	FRIIPMC
Description	This field contains data about internally-incurred property management costs for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the internally-incurred property management costs of the residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Internally-incurred property management costs - D35
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRIIPMC Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total Internally-incurred property management costs

Type	field
Short Name	FIIPMCT
Description	This field contains data about the total internally-incurred property management costs for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total internally-incurred property management costs for the whole estate. Sum total of Non-residential Internally-incurred property management costs and Residential Internally-incurred property management costs.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Internally-incurred property management costs - D35
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FIIPMCT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Listed building coverage - D70

Type	entity
Short Name	ListedBuildingCoverage
Description	The fields in this entity contain data about listed building coverage.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The total Gross Internal Area that is identified as being on the Statutory List of Buildings of Special Architectural or Historic Interest or a Scheduled Ancient Monument. Listing or categorising is as defined by the following key sources: Planning (Listed Buildings and Conservation Areas) Act 1990, Planning (Listed Buildings and Conservation Areas) (Scotland) Act 1997, and Northern Ireland Planning Order 1991.</p> <p>The data should include buildings in the following categories, but no separate return for each of the categories should be made. Instead, a single figure for all listed buildings should be returned, split between residential and non-residential:</p> <ul style="list-style-type: none"> • : Grade I (England and Wales), Grade A (Northern Ireland), Grade A (Scotland), • : Grade II* (England and Wales), Grade B+ (Northern Ireland), Grade B (Scotland), • : Grade II (England and Wales), (Grade B1) Northern Ireland, Grade C (Scotland). <p>The assessment should only relate to currently listed properties, rather than those which may be in the process of being listed. The properties should also only be those covered by the appropriate legislation, rather than by schemes such as local authority designated lists of historical buildings or equivalent.</p> <p>The return should only include the floor area directly associated with the listing. For a listed building frontage, the whole of the building floor area associated with the listed frontage should be returned, rather than just the area of the frontage area itself.</p>
Mandatory for	
Reason Required	
Part Of	Buildings and functionality
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential listed building coverage (BNRLBC) Residential listed building coverage (BRLBC) Total listed building coverage (BLBCT)
Owner	HESA
Version	1.0

Non-residential listed building coverage

Type	field
Short Name	BNRLBC
Description	This field contains data about the listed building coverage of the non-residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	This figure is for the listed building coverage of the non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Listed building coverage - D70
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRLBC Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Residential listed building coverage

Type	field
Short Name	BRLBC
Description	This field contains data about the listed building coverage of the residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	This figure is for the listed building coverage of the residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Listed building coverage - D70
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRLBC Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Total listed building coverage

Type	field
Short Name	BLBCT
Description	This field contains data about the listed building coverage for the total estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	Total listed building coverage for the whole estate. Sum total of Non-residential listed building coverage and Residential listed building coverage.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Listed building coverage - D70
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BLBCT Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Method of floor area measurement - D13

Type	entity
Short Name	MethodofFloorAreaMeasurement
Description	The field in this entity contains data about the method used to measure floor area.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Net Internal Area (NIA) requires only one return for floor area data.</p> <p>Indicate in Method used to measure floor area whether the HEP's floor space data conforms to the NIA definition (N) (provided in NIA and RICS Red Book) or uses a room area basis (R).</p> <p>Where Method used to measure floor area is completed as room area basis (R) HESA will apply a 6% uplift to the measurements returned in Net Internal Area and Specialist academic area. The uplift is required to harmonise all HEP returns to an equivalent of Net Internal Area so that Estates management ratios use a consistent value of Net Internal Area across the sector.</p>
Mandatory for	
Reason Required	
Part Of	Space measurement
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Total method of floor area measurement (SMMFAT)
Owner	HESA
Version	1.0

Total method of floor area measurement

Type	field
Short Name	SMMFAT
Description	This field contains data about the method used to measure floor area for the total estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Valid Entries and Labels	N Net Internal Area (NIA) R Room area
Notes	<p>Indicate which approach has been used to measure the floor area for the total estate.</p> <ul style="list-style-type: none"> • N 'Net Internal Area (NIA)' should be used if the floor space data conforms to the Net Internal Area (NIA) definition, • R 'Room area basis' should be used if the floor space data uses a room area basis.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Method of floor area measurement - D13
Field Length	1
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMMFAT Data type: SMMFATCodeContentType
Owner	HESA
Version	1.0

Method of scope 3 carbon emissions from waste

Type	entity
Short Name	MethodofScope3CarbonEmissionsFromWaste
Description	The fields in this entity contain data about the method used to calculate scope 3 carbon emissions from waste.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Indicate which approach has been used to calculate the data returned in scope 3 carbon emissions from waste.</p> <ul style="list-style-type: none"> • B 'Basic approach' should be used where waste data is very limited for both residential and non-residential properties, • M 'Medium approach': should be used where waste data and recycling data is available for non-residential and/or residential buildings, • D 'Detailed approach': should be used where good quality waste in-house data is available.
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Non-residential method used to calculate scope 3 carbon emissions from waste (E3NRMCEW)</p> <p>Residential method used to calculate scope 3 carbon emissions from waste (E3RMCEW)</p> <p>Total method used to calculate scope 3 carbon emissions from waste (E3MCEWT)</p>
Owner	HESA
Version	1.0

Non-residential method used to calculate scope 3 carbon emissions from waste

Type	field
Short Name	E3NRMCEW
Description	This field contains data about the method used to calculate non-residential scope 3 carbon emissions from waste.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Valid Entries and Labels	<div>B Basic approach</div> <div>M Medium approach</div> <div>D Detailed approach</div>
Notes	<p>Indicate which approach has been used to calculate the data returned in Non-residential scope 3 carbon emissions from waste.</p> <ul style="list-style-type: none"> • B 'Basic approach' should be used where waste data is very limited for both residential and non-residential properties, • M 'Medium approach': should be used where waste data and recycling data is available for non-residential and/or residential buildings, • D 'Detailed approach': should be used where good quality waste in-house data is available.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Method of scope 3 carbon emissions from waste
Field Length	1
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3NRMCEW Data type: E3NRMCEWCodeContentType
Owner	HESA
Version	1.0

Residential method used to calculate scope 3 carbon emissions from waste

Type	field
Short Name	E3RMCEW
Description	This field contains data about the method used to calculate scope 3 carbon emissions from waste for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Valid Entries and Labels	<div>B Basic approach</div> <div>M Medium approach</div> <div>D Detailed approach</div>
Notes	<p>Indicate which approach has been used to calculate the data returned in Residential scope 3 carbon emissions from waste.</p> <ul style="list-style-type: none"> • B 'Basic approach' should be used where waste data is very limited for both residential and non-residential properties, • M 'Medium approach': should be used where waste data and recycling data is available for non-residential and/or residential buildings, • D 'Detailed approach': should be used where good quality waste in-house data is available.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Method of scope 3 carbon emissions from waste
Field Length	1
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3RMCEW Data type: E3RMCEWCodeContentType
Owner	HESA
Version	1.0

Total method used to calculate scope 3 carbon emissions from waste

Type	field
Short Name	E3MCEWT
Description	This field contains data about the method used to calculate scope 3 carbon emissions from waste for the total estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Valid Entries and Labels	<div>B Basic approach</div> <div>M Medium approach</div> <div>D Detailed approach</div>
Notes	<p>Indicate which approach has been used to calculate the data returned in Total scope 3 carbon emissions from waste.</p> <ul style="list-style-type: none"> • B 'Basic approach' should be used where waste data is very limited for both residential and non-residential properties, • M 'Medium approach': should be used where waste data and recycling data is available for non-residential and/or residential buildings, • D 'Detailed approach': should be used where good quality waste in-house data is available.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Method of scope 3 carbon emissions from waste
Field Length	1
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3MCEWT Data type: E3MCEWTCodeContentType
Owner	HESA
Version	1.0

Method of space apportionment - D41

Type	entity
Short Name	MethodofSpaceApportionment
Description	The field in this entity contains data about method of space apportionment.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>There are various methods of calculating space allocation. Specify which of the approaches is closest to the one the HEP has used (see Net Internal Area). If possible it would be preferable if the time use basis was used.</p> <ul style="list-style-type: none"> • T 'Timetabled use' should be used if allocation is on the basis of the time use of individual rooms, • P 'Predominant use' should be used if allocation is on the basis of the predominant use of individual rooms.
Mandatory for	
Reason Required	
Part Of	Buildings and functionality
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Total method of space apportionment (BMSAT)
Owner	HESA
Version	1.0

Total method of space apportionment

Type	field
Short Name	BMSAT
Description	This field contains data about the method of space apportionment.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Valid Entries and Labels	T Timetabled use P Predominant use
Notes	<p>There are various methods of calculating space allocation. Specify which of the approaches is closest to the one the HEP has used (see Net Internal Area). If possible it would be preferable if the time use basis was used.</p> <ul style="list-style-type: none"> • T 'Timetabled use' should be used if allocation is on the basis of the time use of individual rooms, • P 'Predominant use' should be used if allocation is on the basis of the predominant use of individual rooms.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Method of space apportionment - D41
Field Length	1
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BMSAT Data type: BMSATCodeContentType
Owner	HESA
Version	1.0

Net Internal Area - D12

Type	entity
Short Name	NetInternalArea
Description	The fields in this entity contain data about Net Internal Area (NIA).
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>There are two alternative approaches for the return of data on NIA:</p> <ul style="list-style-type: none"> • NIA Royal Institution of Chartered Surveyors • NIA room area. <p>The NIA RICS definitions are contained in the 'Code of Measuring Practice: A Guide for Property Professionals', published by the RICS.</p> <p>Room area is NIA less the width of internal walls and partitions. Information is required for the same categories of space as NIA, with the same definitions applying apart from the measurement of space.</p> <p>HEPs should return data in the form that is most straightforward for them. However the NIA RICS definitions are preferred.</p> <p>NIA</p> <p>Net Internal Area is the usable area within a building measured to the internal face of the perimeter walls at each floor level. NIA covers all areas which are used for a specific purpose. It does not include those parts of buildings which enable them to function i.e. balance areas defined below.</p> <p>Includes:</p> <ul style="list-style-type: none"> • teaching and research rooms, • offices, • kitchens, • workshops, • built-in units, cupboards etc. occupying the useable area, • stores, • academic stores, • changing rooms and showers (e.g. within or as part of clean rooms, catering facilities, sports facilities), • porters' offices and kiosks, • first aid rooms, • staff common rooms, • internal partition walls (e.g. fixed walls, de-mountable re-moveable screens), • ramps of lightweight construction to false floors, • a floor area which contains a ventilation/heating grill, • area occupied by skirting and perimeter trunking, • areas served by internal non-structural walls, de-mountable partitions (whether or not permanent) etc. where the purpose of the division is partition of use (and not support) provided the area beyond is not used in common (by more than one occupier), • pavement vaults, • notional lift lobby and similar areas, where there are several functions using the

	<p>area, such as meeting space, reception, or cafe,</p> <ul style="list-style-type: none"> • accomodation on NHS sites which is maintained or paid for, <p>It does not include those parts of buildings which enable them to function, such as corridors. These are classified as balance areas.</p> <p>Balance area</p> <p>Balance areas include the floor area planned or provided as part of the Gross Internal Area to enable the building to function, such as:</p> <ul style="list-style-type: none"> • corridors and other circulation areas of a permanent nature (e.g. fire corridors, smoke lobbies etc.), • internal open-sided balconies or similar, • internal structural walls, walls enclosing excluded areas, columns, piers, chimney berasts, vertical ducts, and other projections, • stairways and stairwells (and voids over), • entrance lobbies (where the function is solely or primarily for entry/circulation), • foyers (where the function is solely or primarily for entry/circulation), • atria with clear height above, measured at base level only (where the function is solely or primarily for entry/circulation), • lifts, • permanent lift lobbies, permanent lift rooms, liftwells, and lifts (and voids over), • lavatories and toilet lobbies, • cloakrooms, • cleaners' stores, • cleaners' cupboards (as defined in the RICS definition), • covered areas (e.g. plant rooms, tank rooms, fuel stores which are housed in a structure of a permanent nature, whether or not above main-roof level, • loading bays, • ducts, • permanent and continuous air-conditioning, heating, or cooling apparatus (as defined in the RICS definition), • boiler houses, • calorifier chambers, • fuel stores. <p>Space otherwise considered as balance areas, such as foyers, may only be included in NIA where it meets the appropriate definition.</p> <p>Exclusions</p> <p>There are a number of items that should be excluded from space measurement, such as:</p> <ul style="list-style-type: none"> • accommodation on NHS sites which is neither maintained nor paid for, • areas under the control of service or other external authorities including meter cupboards and statutory service supply points (as defined under the RICS definition), • areas with a headroom of less than 1.5m (as defined under the RICS definition), • commercial space i.e. space not used for HEP purposes. <p>Breakdown of NIA space</p> <p>Where space is used for dual purposes, an attribution on the basis outlined under heading Method of space apportionment should be used. This will apply in particular to data returns under headings Teaching total and Research total.</p> <p>In addition, any space such as storage space that may be attributable to either the</p>
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	'office' or 'core' element of teaching or research, should be assigned to either of these categories on the basis of their actual use. Thus, if a storage room opens into a teaching office and is used for storing student records, then it should be assigned to teaching office space. The same method must be used for all space allocation.
Mandatory for	
Reason Required	
Part Of	Space measurement
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Teaching offices NIA (SMNIATEO) Teaching not offices NIA (SMNIATE) Teaching NIA total (SMNIATET) Research offices NIA (SMNIAREO) Research not offices NIA (SMNIARE) Research NIA total (SMNIARET) Support offices NIA (SMNIASO) Support not offices NIA (SMNIAS) Support NIA total (SMNIAST) Support NIA associated with catering (SMNIACS) Support NIA learning centre space (SMNIALC) Non-residential NIA vacant (SMNIANRV) Non-residential NIA other (SMNIANRO) Non-residential NIA total (SMNIANRT) Residential NIA (SMNIAR) Total NIA (SMNIAT) Total NIA commercial space (SMNIACT)
Owner	HESA
Version	1.0

Non-residential NIA other

Type	field
Short Name	SMNIANRO
Description	This field contains data about the Net Internal Area (NIA) of other non-residential space. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	<p>Other space is all other NIA, including space primarily kept for national and other purposes such as museums, art galleries etc. (e.g. Ashmolean Museum).</p> <p>Include Students Unions, staff housing (except wardens) under this category. This may include conference venue space where the conference facility is entirely or primarily separate from the HEP's academic and support activities.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Non-residential NIA total is calculated correctly.</p> <p>Commercial space that can be separately identified as a discrete area together with all associated costs, staff, energy, waste, emissions etc. is considered non-returnable and should be excluded from the Estates management record.</p> <p>Only in circumstances where commercial space cannot be identified in accordance with the aforementioned conditions is it considered returnable and should therefore be included in the Estates management record (together with all associated costs, staff, energy, waste, emissions etc.).</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Net Internal Area - D12
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMNIANRO Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Non-residential NIA total

Type	field
Short Name	SMNIANRT
Description	This field contains data about the total Net Internal Area (NIA) of non-residential space. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	<p>Sum total of Teaching NIA total, Research NIA total, Support NIA total, Non-residential NIA vacant, and Non-residential NIA other.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for the fields Teaching NIA total, Research NIA total, Support NIA total, Non-residential NIA vacant, and Non-residential NIA other to ensure that this mandatory field is calculated correctly.</p> <p>Commercial space that can be separately identified as a discrete area together with all associated costs, staff, energy, waste, emissions etc. is considered non-returnable and should be excluded from the Estates management record.</p> <p>Only in circumstances where commercial space cannot be identified in accordance with the aforementioned conditions is it considered returnable and should therefore be included in the Estates management record (together with all associated costs, staff, energy, waste, emissions etc.).</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government and for use in producing Capital Investment Framework (CIF) metrics (For use in the Space Management Group model.)
Part Of	Net Internal Area - D12
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMNIANRT Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Non-residential NIA vacant

Type	field
Short Name	SMNIANRV
Description	This field contains data about the Net Internal Area (NIA) of non-residential vacant space. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	<p>Vacant space is the NIA within the premises that is currently physically unoccupied for whatever reason.</p> <p>This would include space that is treated as surplus to requirements and is currently unoccupied.</p> <p>However, exclude space that is treated as surplus but is still currently occupied, which should be classified under the appropriate category. Include space that is currently awaiting, or in the course of refurbishment or redevelopment, and space that is reserved for future occupation.</p> <p>Exclude space which is derelict.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Non-residential NIA total is calculated correctly.</p> <p>Commercial space that can be separately identified as a discrete area together with all associated costs, staff, energy, waste, emissions etc. is considered non-returnable and should be excluded from the Estates management record.</p> <p>Only in circumstances where commercial space cannot be identified in accordance with the aforementioned conditions is it considered returnable and should therefore be included in the Estates management record (together with all associated costs, staff, energy, waste, emissions etc.).</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Net Internal Area - D12
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMNIANRV Data type: LENGTH11DECIMAL3Type
Owner	HESA

Version	1.0
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Research NIA total

Type	field
Short Name	SMNIARET
Description	This field contains data about the total Net Internal Area (NIA) research space. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	<p>Research space is NIA used for research. Sum total of Research offices NIA and Research not offices NIA.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Non-residential NIA total is calculated correctly.</p> <p>Commercial space that can be separately identified as a discrete area together with all associated costs, staff, energy, waste, emissions etc. is considered non-returnable and should be excluded from the Estates management record.</p> <p>Only in circumstances where commercial space cannot be identified in accordance with the aforementioned conditions is it considered returnable and should therefore be included in the Estates management record (together with all associated costs, staff, energy, waste, emissions etc.).</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Net Internal Area - D12
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMNIARET Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Research not offices NIA

Type	field
Short Name	SMNIARE
Description	This field contains data about the Net Internal Area (NIA) of research space (not offices). The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	<p>The NIA of core research space (not offices) of the HEP.</p> <p>Includes:</p> <ul style="list-style-type: none"> • research laboratories, associated stores and workshops used for research, • computing facilities used for research, • other buildings (e.g. animal houses, greenhouses, farms, field stations, observatories etc.) if used for research and predominantly used by the HEP. If the HEP is not the predominant user of such facilities then include under Non-residential NIA other <p>Commercial space that can be separately identified as a discrete area together with all associated costs, staff, energy, waste, emissions etc. is considered non-returnable and should be excluded from the Estates management record.</p> <p>Only in circumstances where commercial space cannot be identified in accordance with the aforementioned conditions is it considered returnable and should therefore be included in the Estates management record (together with all associated costs, staff, energy, waste, emissions etc.).</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Net Internal Area - D12
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMNIARE Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Research offices NIA

Type	field
Short Name	SMNIAREO
Description	This field contains data about the Net Internal Area (NIA) of offices associated with research space. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	<p>The NIA of offices associated with research space.</p> <p>Includes:</p> <ul style="list-style-type: none"> • research support staff offices, • managers, administrators, executives, secretaries, and technicians (if they have identifiable office space), • ancillary storage space, • the offices of staff who are contracted to undertake research, • any attribution of other office space used for research activities. <p>Commercial space that can be separately identified as a discrete area together with all associated costs, staff, energy, waste, emissions etc. is considered non-returnable and should be excluded from the Estates management record.</p> <p>Only in circumstances where commercial space cannot be identified in accordance with the aforementioned conditions is it considered returnable and should therefore be included in the Estates management record (together with all associated costs, staff, energy, waste, emissions etc.).</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Net Internal Area - D12
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMNIAREO Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Residential NIA

Type	field
Short Name	SMNIAR
Description	This field contains data about the Net Internal Area (NIA) of residential space. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	<p>Residential space is NIA used to house students of the HEP. Exclude space used for catering facilities (include under Support not offices NIA as far as possible) and space used for commercial conference facilities (include under Non-residential NIA other as far as possible) throughout the year. Include space taken up by wardens in residences.</p> <p>Commercial space that can be separately identified as a discrete area together with all associated costs, staff, energy, waste, emissions etc. is considered non-returnable and should be excluded from the Estates management record.</p> <p>Only in circumstances where commercial space cannot be identified in accordance with the aforementioned conditions is it considered returnable and should therefore be included in the Estates management record (together with all associated costs, staff, energy, waste, emissions etc.).</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Net Internal Area - D12
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMNIAR Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Support NIA associated with catering

Type	field
Short Name	SMNIACS
Description	This field contains data about the Net Internal Area (NIA) of support space associated with catering. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	<p>The figure should also be included within Support offices NIA and Support not offices NIA as appropriate.</p> <p>The NIA of all space associated with central catering, including any associated offices.</p> <p>This would normally include catering preparation areas and seating and associated space. If the seating and associated space is not exclusively or primarily for catering-related purposes, then an apportionment of the space between space types is acceptable.</p> <p>Central catering is defined as space that is provided for use by all users of the estate and would normally include activities such as central dining rooms, staff dining rooms, cafeteria and snack bars, licensed bars and central vending facilities. Exclude Student Unions, which are returned under Net Internal Area other non-residential.</p> <p>Commercial space that can be separately identified as a discrete area together with all associated costs, staff, energy, waste, emissions etc. is considered non-returnable and should be excluded from the Estates management record.</p> <p>Only in circumstances where commercial space cannot be identified in accordance with the aforementioned conditions is it considered returnable and should therefore be included in the Estates management record (together with all associated costs, staff, energy, waste, emissions etc.).</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Net Internal Area - D12
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMNIACS Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Support NIA learning centre space

Type	field
Short Name	SMNIALC
Description	This field contains data about the Net Internal Area (NIA) of support space associated with learning centres. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	<p>The NIA of library/learning centre space, as included in Support offices NIA and Support not offices NIA.</p> <p>In accordance with the definition used in the Society of College, National and University Libraries (SCONUL) annual statistics, libraries/learning centres are defined as a systematic collection of information resources and having a separate entrance. These resources may be in print or other media.</p> <p>A storage facility, whether or not staffed, on or off-campus, counts as a separate library if it has a separate entrance. It also includes PC clusters, even large open access PC areas housed within libraries and photocopying services.</p> <p>Include offices that are part of the library/learning centre, such as offices for the Head of the Resource Centre, section management, technical facilities staff, subject librarians, general librarians and resource administration.</p> <p>Note that this definition includes open access computing areas that are integral to the library/learning centre, but would leave other dispersed open access rooms in the support category Net Internal Area Support other.</p> <p>The floor area return is likely to include the types of space covered by the SCONUL Statistical Return heading 1b and 1d, but note that the SCONUL data are gross areas and for the avoidance of doubt, the net area is requested here.</p> <p>Commercial space that can be separately identified as a discrete area together with all associated costs, staff, energy, waste, emissions etc. is considered non-returnable and should be excluded from the Estates management record.</p> <p>Only in circumstances where commercial space cannot be identified in accordance with the aforementioned conditions is it considered returnable and should therefore be included in the Estates management record (together with all associated costs, staff, energy, waste, emissions etc.).</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Net Internal Area - D12
Field Length	11

Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMNIALC Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Support NIA total

Type	field
Short Name	SMNIAST
Description	This field contains data about the total Net Internal Area (NIA) of support space. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	<p>All other non-teaching or research space, except for Net Internal Area Vacant non-residential, Net Internal Area residential, and Net Internal Area Other non-residential. Sum total of Support offices NIA and Support not offices NIA.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Non-residential NIA total is calculated correctly.</p> <p>Commercial space that can be separately identified as a discrete area together with all associated costs, staff, energy, waste, emissions etc. is considered non-returnable and should be excluded from the Estates management record.</p> <p>Only in circumstances where commercial space cannot be identified in accordance with the aforementioned conditions is it considered returnable and should therefore be included in the Estates management record (together with all associated costs, staff, energy, waste, emissions etc.).</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Net Internal Area - D12
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMNIAST Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Support not offices NIA

Type	field
Short Name	SMNIAS
Description	This field contains data about the Net Internal Area (NIA) support space (not offices). The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	<p>The NIA of space which is not offices and which is not included elsewhere and is used to support the operations of the HEP as a whole.</p> <p>Includes:</p> <ul style="list-style-type: none"> • non-office central support/administration space, • social space (not Student Unions as these are counted in Non-residential NIA other • sports facilities (where not used predominantly for teaching), • catering space, • support space. <p>Learning space should be included in this category and is defined as centrally-available and controlled NIA used as learning resource centres, libraries or open access computer space available for general student use. Similar space used for departments should be allocated to teaching or research as appropriate.</p> <p>As with teaching and research space, the office element of 'central support' space should be identified separately (Support offices NIA), with the residual other space coded under (Support not offices NIA).</p> <p>Commercial space that can be separately identified as a discrete area together with all associated costs, staff, energy, waste, emissions etc. is considered non-returnable and should be excluded from the Estates management record.</p> <p>Only in circumstances where commercial space cannot be identified in accordance with the aforementioned conditions is it considered returnable and should therefore be included in the Estates management record (together with all associated costs, staff, energy, waste, emissions etc.).</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Net Internal Area - D12
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMNIAS Data type: LENGTH11DECIMAL3Type

Owner	HESA
Version	1.0

Support offices NIA

Type	field
Short Name	SMNIASO
Description	This field contains data about the Net Internal Area (NIA) of offices associated with support space. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	<p>The NIA of offices not included elsewhere and used to support the operations of the HEP as a whole (see Support NIA total).</p> <p>Includes:</p> <ul style="list-style-type: none"> • space used to house central managers, administrators, their departments, and associated activities, • space primarily used to house central administrative and support staff and associated activities, • Vice-Chancellor/Principals office and deputies, • Council Chambers, • boardrooms, • finance offices, • registry offices, • planning offices, • estates offices, • ancillary storage space. <p>Commercial space that can be separately identified as a discrete area together with all associated costs, staff, energy, waste, emissions etc. is considered non-returnable and should be excluded from the Estates management record.</p> <p>Only in circumstances where commercial space cannot be identified in accordance with the aforementioned conditions is it considered returnable and should therefore be included in the Estates management record (together with all associated costs, staff, energy, waste, emissions etc.).</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Net Internal Area - D12
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMNIASO Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Teaching NIA total

Type	field
Short Name	SMNIATET
Description	This field contains data about the total Net Internal Area (NIA) of teaching space. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	<p>Teaching space is NIA used for teaching or for teaching support. Sum total of Teaching offices NIA and Teaching not offices NIA.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Non-residential NIA total is calculated correctly.</p> <p>Commercial space that can be separately identified as a discrete area together with all associated costs, staff, energy, waste, emissions etc. is considered non-returnable and should be excluded from the Estates management record.</p> <p>Only in circumstances where commercial space cannot be identified in accordance with the aforementioned conditions is it considered returnable and should therefore be included in the Estates management record (together with all associated costs, staff, energy, waste, emissions etc.).</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Net Internal Area - D12
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMNIATET Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Teaching not offices NIA

Type	field
Short Name	SMNIATE
Description	This field contains data about Net Internal Area (NIA) of teaching space (not offices). The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	<p>The NIA of teaching space (not offices) of the HEP.</p> <p>Includes:</p> <ul style="list-style-type: none"> • teaching rooms used for teaching, • lecture theatres used for teaching, • seminar rooms used for teaching, • laboratories used for teaching, • stores used for teaching, • computing facilities used for teaching, • workshops used for teaching, • any special curriculum-based buildings such as gymnasias and sports facilities, • other buildings (e.g. animal houses, greenhouses, farms, field stations, observatories etc.) if used for teaching and predominantly used by the HEP. If the HEP is not the predominant user of such facilities then include under Non-residential NIA other <p>Commercial space that can be separately identified as a discrete area together with all associated costs, staff, energy, waste, emissions etc. is considered non-returnable and should be excluded from the Estates management record.</p> <p>Only in circumstances where commercial space cannot be identified in accordance with the aforementioned conditions is it considered returnable and should therefore be included in the Estates management record (together with all associated costs, staff, energy, waste, emissions etc.).</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Net Internal Area - D12
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMNIATE Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Teaching offices NIA

Type	field
Short Name	SMNIATEO
Description	This field contains data about the Net Internal Area (NIA) of offices associated with teaching space. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	<p>The NIA of offices associated with teaching space.</p> <p>Includes:</p> <ul style="list-style-type: none"> • academic support staff offices if used for the purposes of departmental, divisional or faculty support staff, • managers, administrators, executives, secretaries, and technicians (if they have identifiable office space), • ancillary storage space, • the offices of staff that are contracted to teach, and any attribution of other office space used for teaching activities. <p>Commercial space that can be separately identified as a discrete area together with all associated costs, staff, energy, waste, emissions etc. is considered non-returnable and should be excluded from the Estates management record.</p> <p>Only in circumstances where commercial space cannot be identified in accordance with the aforementioned conditions is it considered returnable and should therefore be included in the Estates management record (together with all associated costs, staff, energy, waste, emissions etc.).</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Net Internal Area - D12
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMNIATEO Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Total NIA

Type	field
Short Name	SMNIAT
Description	This field contains data about the total Net Internal Area (NIA) for the whole estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	<p>Total NIA for the whole estate, including residential buildings (where available). Sum total of Non-residential NIA total and Residential NIA .</p> <p>Commercial space that can be separately identified as a discrete area together with all associated costs, staff, energy, waste, emissions etc. is considered non-returnable and should be excluded from the Estates management record.</p> <p>Only in circumstances where commercial space cannot be identified in accordance with the aforementioned conditions is it considered returnable and should therefore be included in the Estates management record (together with all associated costs, staff, energy, waste, emissions etc.).</p> <p>Please note that this field does not use Total NIA commercial space in the calculation. Any returnable commercial space is already included in Non-residential NIA total and Residential NIA.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Net Internal Area - D12
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMNIAT Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Total NIA commercial space

Type	field
Short Name	SMNIACT
Description	This field contains data about the total Net Internal Area (NIA) for commercial use. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	<p>The total of returnable NIA dedicated for commercial use for the whole estate.</p> <p>The term commercial space/property (also called investment or income property) refers to buildings (or part buildings) or land intended to generate a profit or strategic benefit to the HEP, which might be from capital gain, rental income or collaboration benefits, i.e. intellectual property rights or other. The arrangements may be by licence, lease or other formal arrangement. In general, commercial space would be let to a third party, whose aims and objectives are not an integral part of the core function of the HEP. The floor area of any commercial space that is currently vacant, even if it has been let previously and may be again, should not be separately identified as commercial if the costs associated with that space are included elsewhere within the Estates management record.</p> <p>Commercial space that can be separately identified as a discrete area together with all associated costs, staff, energy, waste, emissions etc. is considered non-returnable and should be excluded from the Estates management record.</p> <p>Only in circumstances where commercial space cannot be identified in accordance with the aforementioned conditions is it considered returnable and should therefore be included in the Estates management record (together with all associated costs, staff, energy, waste, emissions etc.).</p> <p>Please note that this field is not used in the calculation of Total NIA.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Net Internal Area - D12
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMNIACT Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Net service charge and miscellaneous PFI and PPP costs - D30

Type	entity
Short Name	NetServiceChargeandMiscellaneousPFIandPPPCosts
Description	The fields in this entity contain data about net service charge and miscellaneous PFI (private financial initiative) and PPP (public/private partnership) costs.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The annual payments to an external landlord for the delivery of services under the terms of a lease less service charge income from external tenants/miscellaneous PFI (Private finance initiative)/PPP (Public/private partnership) costs, which cannot be allocated under any other Estates management cost category.</p> <p>Items included in the service charge vary according to lease terms but may include cleaning, heating, repairs etc.</p> <p>Wherever possible, PFI and PPP costs should be disaggregated and allocated along service lines and in all cases the PFI and PPP should be approached in the first instance to obtain a breakdown of their costs. However, where the provider is unable or unwilling to do so, perhaps because they are not contractually obliged to do so, any costs that cannot be broken down should be included under this heading in order to obtain an accurate picture of the Property costs.</p>
Mandatory for	
Reason Required	
Part Of	Finance
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential net service charge and miscellaneous PFI and PPP costs (FNRNSCM) Residential net service charge and miscellaneous PFI and PPP costs (FRNSCM) Total net service charge and miscellaneous PFI and PPP costs (FNSCTM)
Owner	HESA
Version	1.0

Non-residential net service charge and miscellaneous PFI and PPP costs

Type	field
Short Name	FNRNSCM
Description	This field contains data about the net service charge and miscellaneous PFI (private financial initiative) and PPP (public/private partnership) costs for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Net service charge and miscellaneous PFI and PPP costs - D30
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRNSCM Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential net service charge and miscellaneous PFI and PPP costs

Type	field
Short Name	FRNSCM
Description	This field contains data about the net service charge and miscellaneous PFI (private financial initiative) and PPP (public/private partnership) costs for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Net service charge and miscellaneous PFI and PPP costs - D30
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRNSCM Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total net service charge and miscellaneous PFI and PPP costs

Type	field
Short Name	FNSCTM
Description	This field contains data about the total net service charge and miscellaneous PFI (private financial initiative) and PPP (public/private partnership) costs for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total net service charge and miscellaneous PFI and PPP costs for the whole estate. Sum total of Non-residential net service charge and miscellaneous PFI and PPP costs and Residential net service charge and miscellaneous PFI and PPP costs.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Net service charge and miscellaneous PFI and PPP costs - D30
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNSCTM Data type: NUMBER10Type
Owner	HESA
Version	1.0

Non-employee hospital treatment for reportable injuries

Type	entity
Short Name	NonEmployeeHospitalTreatmentForReportableInjuries
Description	The fields in this entity contain data about the number of non-employees requiring hospital treatment for reportable injuries.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of non-employees requiring hospital treatment for reportable injuries. Figure for the whole estate.</p> <p>Do not include such incidents that occur in commercially let space.</p> <p>Further information and guidance on reporting incidents involving injury can be found in the document 'A guide to the Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995'.</p>
Mandatory for	
Reason Required	
Part Of	Incidents involving injury
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Number of students requiring hospital treatment for reportable injuries (INSTHOS)</p> <p>Number of other non-employees requiring hospital treatment for reportable injuries (INOTHOS)</p>
Owner	HESA
Version	1.0

Number of other non-employees requiring hospital treatment for reportable injuries

Type	field
Short Name	INOTHOS
Description	This field contains data about the number of other non-employees requiring hospital treatment for reportable injuries.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of other non-employees requiring hospital treatment for reportable injuries. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Non-employee hospital treatment for reportable injuries
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: INOTHOS Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of students requiring hospital treatment for reportable injuries

Type	field
Short Name	INSTHOS
Description	This field contains data about the number of students requiring hospital treatment for reportable injuries.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of students requiring hospital treatment for reportable injuries. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Non-employee hospital treatment for reportable injuries
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: INSTHOS Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of automatic detectors

Type	entity
Short Name	NumberOfAutomaticDetectors
Description	The fields in this entity contain data about the number of automatic detectors.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>In providing the number of detectors this information is necessary to standardise the data and allow comparison with other HEPs. This information should be readily available within the HEP's records; there is a requirement under BS: 5839 and UK Fire Safety Legislation to have such data in order to be adequately maintaining and managing your fire alarm systems. It is important to know the numbers of detectors (smoke, heat, multi-sensors, beams etc.) in accommodation and also in other buildings.</p> <p>Exclude those occurring in space not managed by the HEP.</p>
Mandatory for	
Reason Required	
Part Of	Incidents involving fire
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential number of automatic detectors (IFNRATOD) Residential number of automatic detectors (IFRATOD) Total number of automatic detectors (IFATODT)
Owner	HESA
Version	1.0

Non-residential number of automatic detectors

Type	field
Short Name	IFNRATOD
Description	This field contains data about the number of automatic detectors on the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	The number of automatic detectors on the non-residential estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of automatic detectors
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFNRATOD Data type: NUMBER5Type
Owner	HESA
Version	1.0

Residential number of automatic detectors

Type	field
Short Name	IFRATOD
Description	This field contains data about the number of automatic detectors on the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	The number of automatic detectors on the residential estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of automatic detectors
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFRATOD Data type: NUMBER5Type
Owner	HESA
Version	1.0

Total number of automatic detectors

Type	field
Short Name	IFATODT
Description	This field contains data about the total number of automatic detectors on the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of automatic detectors on the whole estate. Sum total of Non-residential number of automatic detectors and Residential number of automatic detectors.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of automatic detectors
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFATODT Data type: NUMBER5Type
Owner	HESA
Version	1.0

Number of bed spaces - D23

Type	entity
Short Name	NumberofBedSpaces
Description	The field in this entity contains data about the number of bed spaces.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of beds available to students of the HEP during the academic year, where these beds are the direct financial responsibility of the HEP. This information will be linked with the data provided in HESA supplied residences income and so these data sources should be compatible.</p> <p>Exclude bed spaces where the financial relationship is between students and some other party (e.g. a private landlord), bed spaces given over to commercial letting through the academic year and bed spaces taken by members of staff who act as wardens in staff residences.</p> <p>Where this data has been provided under the Health and Safety Number of bed spaces health and safety validation will ensure the figures match.</p>
Mandatory for	
Reason Required	
Part Of	Space measurement
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Residential number of bed spaces (SMRNBS)
Owner	HESA
Version	1.0

Residential number of bed spaces

Type	field
Short Name	SMRNBS
Description	This field contains data about the number of bed spaces in residential buildings.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Number of bed spaces for the residential estate.</p> <p>The figure returned in this field should match that in Residential number of bed spaces health and safety.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of bed spaces - D23
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	<p>Element: SMRNBS</p> <p>Data type: NUMBER5Type</p>
Owner	HESA
Version	1.0

Number of bed spaces health and safety

Type	entity
Short Name	NumberofBedSpacesHealthandSafety
Description	The field in this entity contains data about the number of bed spaces.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of beds available to students of the HEP during the academic year, where these beds are the direct financial responsibility of the HEP. This information will be linked with the data provided in HESA supplied residences income and so these data sources should be compatible.</p> <p>Exclude bed spaces where the financial relationship is between students and some other party (e.g. a private landlord), bed spaces given over to commercial letting through the academic year and bed spaces taken by members of staff who act as wardens in staff residences.</p> <p>Where this data has been provided under the Estates management Number of bed spaces validation will ensure the figures match.</p>
Mandatory for	
Reason Required	
Part Of	Student and bed space counts
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Residential number of bed spaces health and safety (SBRNBS)
Owner	HESA
Version	1.0

Residential number of bed spaces health and safety

Type	field
Short Name	SBRNBS
Description	This field contains data about the number of bed spaces in residential buildings.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Number of bed spaces for the residential estate.</p> <p>The figure returned in this field should match that in Residential number of bed spaces.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of bed spaces health and safety
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	<p>Element: SBRNBS</p> <p>Data type: NUMBER5Type</p>
Owner	HESA
Version	1.0

Number of buildings - D07

Type	entity
Short Name	NumberofBuildings
Description	The fields in this entity contain data about the number of buildings.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Where buildings are joined together, a common sense view should be taken. A separate building should normally be recorded where:</p> <ul style="list-style-type: none"> • the building is recorded and treated separately in the HEP's property information system, • the building has a different entrance (but a building can have more than one entrance), • the building is served by different service cores and staircases (although, again, a building may have more than one set of these), • the building has floor space recorded as Net Internal Area (NIA) under Private finance initiative or public private partnership • the building is fully-enclosed (i.e. open-sided buildings do not count), • the building is capable of functioning as a self-contained unit. <p>All buildings should be recorded, however temporary. Thus, portacabins and the like should be included. Farm buildings should be included if maintained and operated by the HEP.</p> <p>Exclude individual buildings used entirely for commercial purposes and therefore not included elsewhere in this return.</p> <p>If space is both academic and commercial HEPs should use their own judgement based on its primary function.</p> <p>If the predominant use of a building is for residential purposes it should be returned under the residential sub-heading and vice-versa for non-residential.</p> <p>The number of buildings is included for the purposes of making comparisons and not as a performance indicator in its own right.</p>
Mandatory for	
Reason Required	
Part Of	Buildings and functionality
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential number of buildings (BNRNOB) Residential number of buildings (BRNOB) Total number of buildings (BNOBT)
Owner	HESA
Version	1.0

Non-residential number of buildings

Type	field
Short Name	BNRNOB
Description	This field contains data about the number of non-residential buildings.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	This figure is for the total number of non-residential buildings maintained and operated by the HEP.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of buildings - D07
Field Length	4
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRNOB Data type: NUMBER4Type
Owner	HESA
Version	1.0

Residential number of buildings

Type	field
Short Name	BRNOB
Description	This field contains data about the number of residential buildings.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	This figure is the total number of residential buildings maintained and opened by the HEP.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of buildings - D07
Field Length	4
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRNOB Data type: NUMBER4Type
Owner	HESA
Version	1.0

Total number of buildings

Type	field
Short Name	BNOBT
Description	This field contains data about the total number of buildings.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of buildings for the whole estate. Sum total of Non-residential number of buildings and Residential number of buildings.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of buildings - D07
Field Length	4
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNOBT Data type: NUMBER4Type
Owner	HESA
Version	1.0

Number of car parking spaces - D71

Type	entity
Short Name	NumberofCarParkingSpaces
Description	The fields in this entity contain data about the number of car parking spaces.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The total number of car parking spaces that are operated by the HEP for HEP activities. This should include parking spaces leased from outside bodies and which are used by the HEP for normal operational activities, such as staff, student or visitor parking. Exclude any parking spaces owned or leased by the HEP, but which are used exclusively or predominantly by non-HEP entities.</p> <p>If car park areas are set aside for parking but do not have designated parking bays, an assessment of the number of operationally effective spaces should be made and returned. This should include un-adopted highway that is within the campus or part of the HEP, and which is normally used for HEP-related parking.</p> <p>Areas that are being used temporarily for car parking purposes should be ignored if the period of use is less than one month in total over the year in question.</p> <p>If car parking areas are used for both residential and non-residential purposes, then an apportionment between these activities can be made and returned in Non-residential number of car parking spaces and Residential number of car parking spaces.</p>
Mandatory for	
Reason Required	
Part Of	Buildings and functionality
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential number of car parking spaces (BNRNCPS) Residential number of car parking spaces (BRNCPS) Total number of car parking spaces (BNCPST)
Owner	HESA
Version	1.0

Non-residential number of car parking spaces

Type	field
Short Name	BNRNCPS
Description	This field describes the number of car parking spaces for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Number of car parking spaces for the non-residential estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of car parking spaces - D71
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRNCPS Data type: NUMBER5Type
Owner	HESA
Version	1.0

Residential number of car parking spaces

Type	field
Short Name	BRNCPS
Description	This field contains data about the number of car parking spaces for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Number of car parking spaces for the residential estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of car parking spaces - D71
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRNCPS Data type: NUMBER5Type
Owner	HESA
Version	1.0

Total number of car parking spaces

Type	field
Short Name	BNCPST
Description	This field contains data about the number of car parking spaces for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of car parking spaces for the whole estate. Sum total of Non-residential number of car parking spaces and Residential number of car parking spaces.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of car parking spaces - D71
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNCPST Data type: NUMBER5Type
Owner	HESA
Version	1.0

Number of cycle spaces - D76

Type	entity
Short Name	NumberOfCycleSpaces
Description	The field in this entity contains data about the number of cycle spaces.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Number of designated cycle spaces (capacity) where a bicycle can be locked up. These do not necessarily need to be under cover.</p> <p>Includes cycle spaces on both residential and non-residential sites.</p> <p>Exclude any for users of commercial space.</p>
Mandatory for	
Reason Required	
Part Of	Buildings and functionality
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Total number of cycle spaces (BNCYCST)
Owner	HESA
Version	1.0

Total number of cycle spaces

Type	field
Short Name	BNCYCST
Description	This field contains data about the total number of cycle spaces for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of cycle spaces for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of cycle spaces - D76
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNCYCST Data type: NUMBER5Type
Owner	HESA
Version	1.0

Number of internal fires that did not sound the fire alarm

Type	entity
Short Name	NumberOfInternalFiresThatDidNotSoundTheFireAlarm
Description	The field in this entity contains data about the number of internal fires that did not sound the fire alarm.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of internal fires that did not sound the fire alarm.</p> <p>An internal fire that did not sound the fire alarm fire is defined as an incident involving smoke, heat, and flames which is extinguished without the fire alarm system being activated (either by manual call point or detector device).</p> <p>Exclude those occurring in space not managed by the HEP.</p>
Mandatory for	
Reason Required	
Part Of	Incidents involving fire
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Total number of internal fires that did not sound the fire alarm (IFINTFAT)
Owner	HESA
Version	1.0

Total number of internal fires that did not sound the fire alarm

Type	field
Short Name	IFINTFAT
Description	This field contains data about the number of internal fires that did not sound the fire alarm that occurred on the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of internal fires that did not sound the fire alarm that occurred on the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of internal fires that did not sound the fire alarm
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFINTFAT Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of major fires

Type	entity
Short Name	NumberOfMajorFires
Description	The fields in this entity contains data about the number of major fires.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of major fires.</p> <p>A major fire incident is defined as an incident involving smoke, heat, and flames causing property damage to multiple building fixtures or fittings.</p> <p>Exclude those occurring in space not managed by the HEP.</p>
Mandatory for	
Reason Required	
Part Of	Incidents involving fire
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential number of major fires total (IFNRMAT) Residential number of major fires total (IFRMAT) Total number of major fires (IFMATOT)
Owner	HESA
Version	1.0

Non-residential number of major fires total

Type	field
Short Name	IFNRMAT
Description	This field contains data about the total number of major fires that occurred on the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of major fires that occurred on the non-residential estate. Sum total of Non-residential number of major fires cooking, Non-residential number of major fires malicious, Non-residential number of major fires electrical, Non-residential number of major fires naked flame, Non-residential number of major fires hot works contract or activity, Non-residential number of major fires laboratory activity, Non-residential number of major fires smoking, Non-residential number of major fires car fire, Non-residential number of major fires a source which cannot be determined, and Non-residential number of major fires other.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of major fires
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFNRMAT Data type: NUMBER3Type
Owner	HESA
Version	1.0

Residential number of major fires total

Type	field
Short Name	IFRMAT
Description	This field contains data about the total number of major fires that occurred on the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of major fires that occurred on the residential estate. Sum total of Residential number of major fires cooking, Residential number of major fires malicious, Residential number of major fires electrical, Residential number of major fires naked flame, Residential number of major fires hot works contract or activity, Residential number of major fires laboratory activity, Residential number of major fires smoking, Residential number of major fires car fire, Residential number of major fires a source which cannot be determined, and Residential number of major fires other.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of major fires
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFRMAT Data type: NUMBER3Type
Owner	HESA
Version	1.0

Total number of major fires

Type	field
Short Name	IFMATOT
Description	This field contains data about the total number of major fires that occurred on the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of major fires that occurred on the whole estate. Sum total of Non-residential number of major fires total and Residential number of major fires total.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of major fires
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFMATOT Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of malicious fire alarms

Type	entity
Short Name	NumberOfMaliciousFireAlarms
Description	The fields in this entity contain data about the number of malicious fire alarms.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The definition of a malicious fire alarm activation is a deliberate improper actuation of a fire alarm.</p> <p>Exclude those occurring in space not managed by the HEP.</p>
Mandatory for	
Reason Required	
Part Of	Incidents involving fire
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential number of malicious fire alarms (IFNRMFAA) Residential number of malicious fire alarms (IFRMFAA) Total number of malicious fire alarms (IFMFAAT)
Owner	HESA
Version	1.0

Non-residential number of malicious fire alarms

Type	field
Short Name	IFNRMFAA
Description	This field contains data about the number of malicious fire alarms that occurred on the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	The number of malicious fire alarms that occurred on the non-residential estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of malicious fire alarms
Field Length	4
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFNRMFAA Data type: NUMBER4Type
Owner	HESA
Version	1.0

Residential number of malicious fire alarms

Type	field
Short Name	IFRMFAA
Description	This field contains data about the number of malicious fire alarms that occurred on the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	The number of malicious fire alarms that occurred on the residential estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of malicious fire alarms
Field Length	4
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFRMFAA Data type: NUMBER4Type
Owner	HESA
Version	1.0

Total number of malicious fire alarms

Type	field
Short Name	IFMFAAT
Description	This field contains data about the total number of malicious fire alarms on the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of malicious fire alarms that occurred on the whole estate. Sum total of Non-residential number of malicious fire alarms and Residential number of malicious fire alarms.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of malicious fire alarms
Field Length	4
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFMFAAT Data type: NUMBER4Type
Owner	HESA
Version	1.0

Number of minor fires

Type	entity
Short Name	NumberOfMinorFires
Description	The fields in this entity contain data about the number of minor fires.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of minor fires.</p> <p>A minor fire incident is defined as an incident involving smoke, heat and flames causing only localised damage to equipment or property.</p> <p>For minor fire incidents 'localised' may need to be determined. Using a simple rule of thumb: a maximum area directly affected by heat or smoke less than 0.5m² or damage confined to one small piece of equipment would be classified as 'localised'.</p> <p>Exclude those occurring in space not managed by the HEP.</p>
Mandatory for	
Reason Required	
Part Of	Incidents involving fire
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential number of minor fires total (IFNRMIT) Residential number of minor fires total (IFRMIT) Total number of minor fires (IFMINTOT)
Owner	HESA
Version	1.0

Non-residential number of minor fires total

Type	field
Short Name	IFNRMIT
Description	This field contains data about the total number of minor fires that occurred on the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of minor fires that occurred on the non-residential estate. Sum total of Non-residential number of minor fires cooking, Non-residential number of minor fires malicious, Non-residential number of minor fires electrical, Non-residential number of minor fires naked flame, Non-residential number of minor fires hot works contract or activity, Non-residential number of minor fires laboratory activity, Non-residential number of minor fires smoking, Non-residential number of minor fires car fire, Non-residential number of minor fires a source which cannot be determined, and Non-residential number of minor fires other.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of minor fires
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFNRMIT Data type: NUMBER3Type
Owner	HESA
Version	1.0

Residential number of minor fires total

Type	field
Short Name	IFRMIT
Description	This field contains data about the total number of minor fires that occurred on the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of minor fires that occurred on the residential estate. Sum total of Residential number of minor fires cooking, Residential number of minor fires malicious, Residential number of minor fires electrical, Residential number of minor fires naked flame, Residential number of minor fires hot works contract or activity, Residential number of minor fires laboratory activity, Residential number of minor fires smoking, Residential number of minor fires car fire, Residential number of minor fires a source which cannot be determined, and Residential number of minor fires other.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of minor fires
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFRMIT Data type: NUMBER3Type
Owner	HESA
Version	1.0

Total number of minor fires

Type	field
Short Name	IFMINTOT
Description	This field contains data about the total number of minor fires that occurred on the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of minor fires that occurred on the whole estate. Sum total of Non-residential number of minor fires total and Residential number of minor fires total.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of minor fires
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFMINTOT Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of other false fire alarm activations

Type	entity
Short Name	NumberOfOtherFalseFireAlarmActivations
Description	The fields in this entity contain data about the number of other false fire alarm activations.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The definition of another false fire alarm activation is when a fire alarm system is activated by actuation of a detector, device or accidental manual call point resulting in the sounding of the fire alarm in a building which is not a fire incident.</p> <p>This includes false alarm with good intent (where someone raises the alarm in the belief there is a fire in the building), activations through equipment defects, environmental conditions etc.</p> <p>Causes of a false activation can include:</p> <ul style="list-style-type: none"> • thrips, • insects, • steam (autoclave, dishwashers, showers, kettles), • water leaks, • contractors/building works, • fire alarm system faults, • aerosols, • smoking, • hairdryers/straighteners, • accidental. <p>Exclude external fires in the number of fire alarm activations, unless the fire alarm system in a building was activated as a direct result of that incident e.g. bin fires, skip fires, BBQ's, uncontrolled bonfires</p> <p>Exclude those occurring in space not managed by the HEP.</p>
Mandatory for	
Reason Required	
Part Of	Incidents involving fire
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential number of other false fire alarm activations (IFNRFFAA) Residential number of other false fire alarm activations (IFRFFAA) Total number of other false fire alarm activations (IFFFAAT)
Owner	HESA
Version	1.0

Non-residential number of other false fire alarm activations

Type	field
Short Name	IFNRFFAA
Description	This field contains data about the number of other false fire alarm activations that occurred on the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	The number of other false fire alarm activations that occurred on the non-residential estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of other false fire alarm activations
Field Length	4
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFNRFFAA Data type: NUMBER4Type
Owner	HESA
Version	1.0

Residential number of other false fire alarm activations

Type	field
Short Name	IFRFFAA
Description	This field contains data about the number of other false fire alarm activations that occurred on the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	The number of other false fire alarm activations that occurred on the residential estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of other false fire alarm activations
Field Length	4
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFRFFAA Data type: NUMBER4Type
Owner	HESA
Version	1.0

Total number of other false fire alarm activations

Type	field
Short Name	IFFFAAT
Description	This field contains data about the total number of other false fire alarm activations that occurred on the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of other false fire alarm activations that occurred on the whole estate. Sum total of Non-residential number of other false fire alarm activations and Residential number of other false fire alarm activations.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of other false fire alarm activations
Field Length	4
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFFFAAT Data type: NUMBER4Type
Owner	HESA
Version	1.0

Number of sites - D06

Type	entity
Short Name	NumberofSites
Description	The field in this entity contains data about the number of sites.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of independent sites operated by the HEP.</p> <p>Sites should normally have a floor space of at least 1000 sq. m and would normally be at least 1km away from any other site. They should be physically and functionally severed from other sites and would not normally be single buildings. However, HEPs should return what they consider to be a site.</p> <p>Exclude sites held for investment or primarily income generation purposes (e.g. commercial farm not used for academic purposes, commercial property, etc.).</p> <p>If a site is shared between two HEPs then both HEPs should include the site, as long as it falls within the definition of a 'site'.</p>
Mandatory for	
Reason Required	
Part Of	Buildings and functionality
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Total number of sites (BNOST)
Owner	HESA
Version	1.0

Total number of sites

Type	field
Short Name	BNOST
Description	This field contains data about the total number of sites.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of sites - D06
Field Length	4
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNOST Data type: NUMBER4Type
Owner	HESA
Version	1.0

Number of third party bed spaces - D23a

Type	entity
Short Name	NumberofThirdPartyBedSpaces
Description	The field in this entity contains data about the number of third party bed spaces.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Estimated number of third party bed spaces occupied by students from the HEP. This will include those covered by hard and soft nomination agreements, but should only include those in purpose-built/modified buildings of at least 10 bed spaces.</p> <p>A formal agreement should be in place with the provider, although there need not be a guaranteed number of bed spaces for one particular HEP and the agreement may encompass more than one HEP. Typically the relevant bed spaces will be advertised in the HEP's prospectus.</p> <p>1 December (or a convenient nearby date) should be taken to ascertain the actual number of occupied bed spaces.</p>
Mandatory for	
Reason Required	
Part Of	Space measurement
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Residential number of third party bed spaces (SMRNTPBS)
Owner	HESA
Version	1.0

Residential number of third party bed spaces

Type	field
Short Name	SMRNTPBS
Description	This field contains data about the number of third party bed spaces in residential buildings.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Number of third party bed spaces for the residential estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Number of third party bed spaces - D23a
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMRNTPBS Data type: NUMBER5Type
Owner	HESA
Version	1.0

Occupancy rate - D18

Type	entity
Short Name	OccupancyRate
Description	The fields in this entity contain data about the occupancy rate of teaching space.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The Occupancy Rate represents the usage of teaching space as a percentage of total actual occupation. As an example, a room with a capacity of 20 may be occupied by 10 people during each hourly slot across the whole working day (as defined by the HEP), which would be an occupancy rate of 50%. If, however, no people were in the room for each hourly slot between 9.00 am and 1.00 pm, and 10 people were in the room for each hourly slot between 1.00 pm and 5.00 pm, then the occupancy rate would still be 50% over the working day as the period between 9.00 am and 1.00 pm is not included as part of the actual occupation.</p> <p>Applies only to teaching space under teaching other, as appropriate to the coverage of the Space Utilisation Survey.</p> <p>It should be noted that the definitions and accompanying good practice guidelines are in accordance with the advice produced in the NAO report 'Management of Space in higher education Providers in Wales' (1996).</p> <p>An updated review of utilisation called 'Review of Space norms' by SMG is also available.</p> <p>Because it is recognised that data generated from room bookings/time-tables is likely to be less accurate than that collected using the Survey-based approach, as the actual numbers in the room will not be known, nor will it be known whether the room was actually used when booked out or timetabled for use, HEPs are discouraged from using this approach to produce the data.</p> <p>In all cases, if there is a room that is not being occupied at a particular point in time during the survey but is still part of the survey, it should not form part of the analysis. Thus, if a room is occupied for half of one day, but not for the other half of the day, then the periods it is not in occupation should not be used in calculating overall occupancy.</p> <p>The year and month that the survey or room booking/timetabled analysis was carried out should be specified in the data return.</p> <p>The following comments are provided as general good practice guidance in carrying out the survey and analysis:</p> <p>The survey period used</p> <p>A full teaching week period should be used in collecting data and should form the basis of the return. Factoring-up the results of a one-day survey is not acceptable for the return.</p>

	<p>The time frame</p> <p>A survey count based on an hourly frequency should be used, rather than, say, one count in the morning and one count in the afternoon. This will produce more accurate and usable results. Only data based upon an hourly count should be returned.</p> <p>The occupancy rate should exclude time blocks when the occupancy is zero within either a 9-5 week, or the standard working week as appropriate.</p> <p>Counting method</p> <p>In terms of accuracy, a full headcount method will be the most accurate (i.e. counting all people in a room). If it is not possible to use this method, then the next most accurate method is to carry out a headcount up to a specified level (for example, 40 people) and estimate numbers beyond this point. A third method is to assess if the room is full/empty in proportionate terms (e.g. 25% full, 25-50% full etc.). Other methods are available, but the three previously mentioned indicate the range of options generally available. HEPs should choose an approach that suits their needs.</p> <p>The lecturer should not be included in the recording of room capacity.</p> <p>Scope of survey</p> <p>It may not be possible to survey all the teaching space identified under Teaching not offices NIA, as HEPs are likely to have various arrangements and management of space in place. However, it is recommended that both 'central' or 'pooled' space and 'local' or 'departmental' space is covered in a survey.</p> <p>The Teaching area covered by the Space Utilisation Survey should be the same space used in making the Occupancy rate return.</p> <p>Also enter the basis of calculation of Occupancy rate - see Teaching not offices occupancy rate calculation.</p>
Mandatory for	
Reason Required	
Part Of	Space measurement
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Teaching not offices occupancy rate percentage (SMORTEP) Teaching not offices occupancy rate survey date (SMORTESD) Residential occupancy rate percentage (SMORRP)
Owner	HESA
Version	1.0

Residential occupancy rate percentage

Type	field
Short Name	SMORRP
Description	This field contains data about the occupancy rate of residential space. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	<p>The residential occupancy rate is measured by the proportion of the total letting period that the HEP's bedspaces are paid for throughout the letting year for resident students of the HEP. Thus, if 1,000 beds are let out for 32,000 'bedweeks' over a 36 week year, the occupancy rate would equal $32,000/(1000 \times 36) = 88.8\%$.</p> <p>It is recognised that there may be different letting periods for different property and/or different types of student. It will therefore be necessary to provide a residential occupancy rate that is weighted to reflect these differences. The suggested method for providing this information is to divide the total number of 'bedweeks' sold by the total number of 'bedweeks' available over the academic letting period.</p> <p>A bedweek is defined as one bedspace that is occupied for one week. If a HEP has 1,000 beds each occupied/let for a 36 week year, this means that there are 36,000 bedweeks. Thus, by calculating a bedweek value for each space and summing them the total 'let' bedweeks per period can be seen. This should be expressed as a percentage of the total potential bedweeks, (i.e. assuming all the bedspaces are let for full year, or 36 weeks x 1,000 beds in this example). The academic year should exclude out-of-term periods and therefore any occupancy by overseas students in holiday periods should not enter into the calculation.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Occupancy rate - D18
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMORRP Data type: PERCENTType
Owner	HESA
Version	1.0

Teaching not offices occupancy rate percentage

Type	field
Short Name	SMORTEP
Description	This field contains data about the percentage occupancy rate of teaching space. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	<p>A percentage should be returned to one decimal place.</p> <p>The occupancy rate represents the usage of teaching space as a percentage of total actual occupation.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Occupancy rate - D18
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	<p>Element: SMORTEP</p> <p>Data type: PERCENTType</p>
Owner	HESA
Version	1.0

Teaching not offices occupancy rate survey date

Type	field
Short Name	SMORTESD
Description	This field contains data about the date on which a survey or room booking analysis was undertaken.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>All date fields must be completed using the ISO8601 format of YYYY-MM.</p> <p>The year and month that the survey or room booking/timetable analysis was carried out should be specified in the data return. This should be the latest survey data.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Occupancy rate - D18
Field Length	7
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	<p>Element: SMORTESD</p> <p>Data type: YMDATEType</p>
Owner	HESA
Version	1.0

Occupancy rate calculation - D46

Type	entity
Short Name	OccupancyRateCalculation
Description	The field in this entity contains data about the occupancy rate calculation.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Indicate which approach has been used to calculate the occupancy rate figures.</p> <ul style="list-style-type: none"> • G 'Group size' should be used if allocation is based on the theoretical size of the group using the room at the beginning of the year, • S 'Survey-based measure' should be used if allocation is based on a standard week in the year. <p>The preference is for a survey-based return if available.</p>
Mandatory for	
Reason Required	
Part Of	Space measurement
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Teaching not offices occupancy rate calculation (SMTEORC)
Owner	HESA
Version	1.0

Teaching not offices occupancy rate calculation

Type	field
Short Name	SMTEORC
Description	This field contains data about the Teaching not offices occupancy rate calculation for teaching space (not offices).
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Valid Entries and Labels	G Group size S Survey-based measure
Notes	<p>Indicate which approach has been used to calculate the occupancy rate figures for teaching space (not offices).</p> <ul style="list-style-type: none"> • G 'Group size' should be used if allocation is based on the theoretical size of the group using the room at the beginning of the year, • S 'Survey-based measure' should be used if allocation is based on a standard week in the year.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Occupancy rate calculation - D46
Field Length	1
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMTEORC Data type: SMTEORCCodeContentType
Owner	HESA
Version	1.0

Occupational diseases reportable under RIDDOR

Type	entity
Short Name	OccupationalDiseasesReportableUnderRIDDOR
Description	Data about occupational diseases reportable under RIDDOR is contained in this entity.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of occupational diseases reportable under RIDDOR.</p> <p>Occupational diseases are generally confirmed by an occupational health doctor and then reported.</p> <p>Do not include such diseases occurring in commercially let space.</p>
Mandatory for	
Reason Required	
Part Of	Health and Safety
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	All occupational diseases
Owner	HESA
Version	1.0

Occupational injuries reportable under RIDDOR

Type	entity
Short Name	OccupationalInjuriesReportableUnderRIDDOR
Description	Data about occupational diseases reportable under RIDDOR is contained in this entity.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of occupational injuries reportable under RIDDOR for the whole estate.</p> <p>Do not include such injuries occurring in commercially let space.</p>
Mandatory for	
Reason Required	
Part Of	Health and Safety
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Contact with moving machinery or material being machined</p> <p>Hit by a moving, flying, or falling object</p> <p>Hit by a moving vehicle</p> <p>Hit something fixed or stationary</p> <p>Injured while handling, lifting, or carrying</p> <p>Slipped, tripped, or fell on the same level</p> <p>Fell from a height</p> <p>Trapped by something collapsing</p> <p>Drowned or asphyxiated</p> <p>Exposed to or in contact with a harmful substance</p> <p>Exposed to fire</p> <p>Contact with electricity or an electrical discharge</p> <p>Injured by an animal</p> <p>Physically assaulted by a person</p> <p>Another kind of accident</p>
Owner	HESA
Version	1.0

Other dangerous occurrences

Type	entity
Short Name	OtherDangerousOccurrences
Description	The fields in this entity contain data about the number of other dangerous occurrences.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of other dangerous occurrences. All other dangerous occurrences including accidents which did not result in injury e.g. near misses. Figure for the whole estate.</p> <p>Do not include such occurrences in commercially let space.</p>
Mandatory for	
Reason Required	
Part Of	Dangerous occurrences
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Total other dangerous occurrences (DOTDO)
Owner	HESA
Version	1.0

Total other dangerous occurrences

Type	field
Short Name	DOTDO
Description	This field contains data about the number of other dangerous occurrences.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	All other dangerous occurrences including accidents which did not result in injury e.g. near misses. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Other dangerous occurrences
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: DOTDO Data type: NUMBER3Type
Owner	HESA
Version	1.0

Other injuries involving more than seven days incapacitation

Type	entity
Short Name	OtherInjuriesInvolvingMoreThanSevenDaysIncapacitation
Description	The fields in this entity contain data about the number of other injuries involving more than seven days incapacitation.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of other injuries involving more than seven days incapacitation. Figure for the whole estate.</p> <p>Do not include such incidents that occur in commercially let space.</p> <p>The seven days should not include the day on which the incident occurred. Incapacitation is defined as the individual being absent or unable to do the work that they would reasonably be expected to do as part of their normal work.</p> <p>Further information and guidance on reporting incidents involving injury can be found in the document 'A guide to the Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995'.</p>
Mandatory for	
Reason Required	
Part Of	Incidents involving injury
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Number of staff other injuries involving more than seven days incapacitation (INSFOTH7)
Owner	HESA
Version	1.0

Number of staff other injuries involving more than seven days incapacitation

Type	field
Short Name	INSFOTH7
Description	This field contain data about the number of other injuries to staff involving more than seven days incapacitation.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number other injuries to staff involving more than seven days incapacitation. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Other injuries involving more than seven days incapacitation
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: INSFOTH7 Data type: NUMBER3Type
Owner	HESA
Version	1.0

Overall number of fire alarm activations

Type	entity
Short Name	OverallNumberOfFireAlarmActivations
Description	The fields in this entity contain data about the overall number of fire alarm activations.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>These fields must be calculated using the following data:</p> <ul style="list-style-type: none"> • ,Number of malicious fire alarms • ,Number of other false fire alarm activations • ,Number of major fires • ,Number of minor fires • .Number of near miss fire incidents <p>Exclude those occurring in space not managed by the HEP.</p>
Mandatory for	
Reason Required	
Part Of	Incidents involving fire
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential number of fire alarm activations (IFNRFAA) Residential number of fire alarm activations (IFRFAA) Total number of fire alarm activations (IFFAAT)
Owner	HESA
Version	1.0

Non-residential number of fire alarm activations

Type	field
Short Name	IFNRFAA
Description	This field contains data about the overall number of fire alarm activations that occurred on the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The overall number of fire alarm activations that occurred on the non-residential estate. Sum total of Non-residential number of malicious fire alarms, Non-residential number of other false fire alarm activations, Non-residential number of major fires total, Non-residential number of minor fires total, and Non-residential number of near miss fire incidents total.</p> <p>Occurrences of any fire on the non-residential estate that did not trigger a fire alarm activation should be subtracted from the total. In these circumstances HEPs are advised to use the override function within the web form to enter the corrected Non-residential number of fire alarm activations.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Overall number of fire alarm activations
Field Length	4
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFNRFAA Data type: NUMBER4Type
Owner	HESA
Version	1.0

Residential number of fire alarm activations

Type	field
Short Name	IFRFAA
Description	This field contains data about the overall number of fire alarm activations that occurred on the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The overall number of fire alarm activations that occurred on the residential estate. Sum total of Residential number of malicious fire alarms, Residential number of other false fire alarm activations, Residential number of major fires total, Residential number of minor fires total, and Residential number of near miss fire incidents total.</p> <p>Occurrences of any fire on the residential estate that did not trigger a fire alarm activation should be subtracted from the total. In these circumstances HEPs are advised to use the override function within the web form to enter the corrected Residential number of fire alarm activations.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Overall number of fire alarm activations
Field Length	4
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFRFAA Data type: NUMBER4Type
Owner	HESA
Version	1.0

Total number of fire alarm activations

Type	field
Short Name	IFFAAT
Description	This field contains data about the overall number of fire alarm activations that occurred on the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total overall number of fire alarm activations that occurred on the whole estate. Sum total of Non-residential number of fire alarm activations and Residential number of fire alarm activations.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Overall number of fire alarm activations
Field Length	4
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: IFFAAT Data type: NUMBER4Type
Owner	HESA
Version	1.0

Percentage modal split for commuting by staff - D75

Type	entity
Short Name	PercentageModalSplitForCommutingByStaff
Description	The fields in this entity contain data about the percentage modal split of staff commuting to and from the HEP.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Estimated percentage of academic and support staff who travel to and from their main place of work by each mode. This should not include business travel.</p> <p>The definition of staff should align with that used in the HESA Staff record Coverage of the record.</p> <p>Although preferable, it is not anticipated that relevant surveys will be carried out on an annual basis for all HEPs and therefore the results may hold over from one year to the next between surveys.</p>
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Percentage modal split for commuting by staff single occupancy car journey (EMSFCSOC)</p> <p>Percentage modal split for commuting by staff car share (EMSFCSCS)</p> <p>Percentage modal split for commuting by staff bus (EMSFCSB)</p> <p>Percentage modal split for commuting by staff train (EMSFCSTR)</p> <p>Percentage modal split for commuting by staff cycle (EMSFC CY)</p> <p>Percentage modal split for commuting by staff walk (EMSFCWK)</p> <p>Percentage modal split for commuting by staff motorbike (EMSFCMB)</p> <p>Percentage modal split for commuting by staff other (EMSFCOTH)</p>
Owner	HESA
Version	1.0

Percentage modal split for commuting by staff bus

Type	field
Short Name	EMSFCBSB
Description	This field contains data about the percentage modal split of staff commuting by bus. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	<p>Estimated % of academic and support staff who travel to and from their main place of work at the HEP by bus.</p> <p>This should not include business travel.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Percentage modal split for commuting by staff - D75
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	<p>Element: EMSFCBSB</p> <p>Data type: PERCENTType</p>
Owner	HESA
Version	1.0

Percentage modal split for commuting by staff car share

Type	field
Short Name	EMSFCSCS
Description	This field contains data about the percentage modal split of staff commuting by car share. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	<p>Estimated % of academic and support staff who travel to and from their main place of work at the HEP by car share.</p> <p>This should not include business travel.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Percentage modal split for commuting by staff - D75
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EMSFCSCS Data type: PERCENTType
Owner	HESA
Version	1.0

Percentage modal split for commuting by staff cycle

Type	field
Short Name	EMS FCCY
Description	This field contains data about the percentage modal split of staff commuting by bicycle. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Estimated % of academic and support staff who travel to and from their main place of work at the HEP by bicycle. This should not include business travel.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Percentage modal split for commuting by staff - D75
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EMS FCCY Data type: PERCENTType
Owner	HESA
Version	1.0

Percentage modal split for commuting by staff motorbike

Type	field
Short Name	EMSFCMB
Description	This field contains data about the percentage modal split of staff commuting by motorbike. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	<p>Estimated % of academic and support staff who travel to and from their main place of work at the HEP by motorbike.</p> <p>This should not include business travel.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Percentage modal split for commuting by staff - D75
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	<p>Element: EMSFCMB</p> <p>Data type: PERCENTType</p>
Owner	HESA
Version	1.0

Percentage modal split for commuting by staff other

Type	field
Short Name	EMSFCOTH
Description	This field contains data about the percentage modal split of staff commuting by means other than single occupancy car journey, car share, bus, train, cycle, walking or motorbike. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	<p>Estimated % of academic and support staff who travel to and from their main place of work at the HEP by means other than single occupancy car journey, car share, bus, train, cycle, walking or motorbike.</p> <p>This should not include business travel.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Percentage modal split for commuting by staff - D75
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EMSFCOTH Data type: PERCENTType
Owner	HESA
Version	1.0

Percentage modal split for commuting by staff single occupancy car journey

Type	field
Short Name	EMSFCSOC
Description	This field contains data about the percentage modal split of staff commuting by single occupancy car journey. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	<p>Estimated % of academic and support staff who travel to and from their main place of work at the HEP by single occupancy car journey.</p> <p>This should not include business travel.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Percentage modal split for commuting by staff - D75
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EMSFCSOC Data type: PERCENTType
Owner	HESA
Version	1.0

Percentage modal split for commuting by staff train

Type	field
Short Name	EMSFCTR
Description	This field contains data about the percentage modal split of staff commuting by train. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Estimated % of academic and support staff who travel to and from their main place of work at the HEP by train. This should not include business travel.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Percentage modal split for commuting by staff - D75
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EMSFCTR Data type: PERCENTType
Owner	HESA
Version	1.0

Percentage modal split for commuting by staff walk

Type	field
Short Name	EMSFCWK
Description	This field contains data about the percentage modal split of staff commuting by walking. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Estimated % of academic and support staff who travel to and from their main place of work at the HEP by walking. This should not include business travel.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Percentage modal split for commuting by staff - D75
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EMSFCWK Data type: PERCENTType
Owner	HESA
Version	1.0

Percentage modal split for commuting by students - D75

Type	entity
Short Name	PercentageModalSplitForCommutingByStudents
Description	The fields in this entity contain data about the percentage modal split of students commuting from their term-time address to the HEP.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Estimated percentage of students who travel to and from their term-time address to the HEP by mode of transport. Where students are on study/work placement the location of the placement should be used. It should not include travel from their term-time address to their home (holiday) address.</p> <p>The definition of students should align with that used in the Student record Coverage of the record.</p> <p>Although preferable, it is not anticipated that relevant surveys will be carried out on an annual basis for all HEPs and therefore the results may hold over from one year to the next between surveys.</p>
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Percentage modal split for commuting by students single occupancy car journey (EMSTCSOC)</p> <p>Percentage modal split for commuting by students car share (EMSTCSCS)</p> <p>Percentage modal split for commuting by students bus (EMSTCSB)</p> <p>Percentage modal split for commuting by students train (EMSTCTR)</p> <p>Percentage modal split for commuting by students cycle (EMSTCCY)</p> <p>Percentage modal split for commuting by students walk (EMSTCWK)</p> <p>Percentage modal split for commuting by students motorbike (EMSTCMB)</p> <p>Percentage modal split for commuting by students other (EMSTCOTH)</p>
Owner	HESA
Version	1.0

Percentage modal split for commuting by students bus

Type	field
Short Name	EMSTCSB
Description	This field contains data about the percentage modal split of students commuting by bus. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	<p>Estimated % of students who travel to and from their term-time address to the HEP by bus.</p> <p>This should not include travel from their term-time address to their home (holiday) address.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Percentage modal split for commuting by students - D75
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	<p>Element: EMSTCSB</p> <p>Data type: PERCENTType</p>
Owner	HESA
Version	1.0

Percentage modal split for commuting by students car share

Type	field
Short Name	EMSTCSCS
Description	This field contains data about the percentage modal split of students commuting by car share. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	<p>Estimated % of students who travel to and from their term-time address to the HEP by car share.</p> <p>This should not include travel from their term-time address to their home (holiday) address.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Percentage modal split for commuting by students - D75
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EMSTCSCS Data type: PERCENTType
Owner	HESA
Version	1.0

Percentage modal split for commuting by students cycle

Type	field
Short Name	EMSTCCY
Description	This field contains data about the percentage modal split of students commuting by bicycle. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	<p>Estimated % of students who travel to and from their term-time address to the HEP by bicycle.</p> <p>This should not include travel from their term-time address to their home (holiday) address.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Percentage modal split for commuting by students - D75
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EMSTCCY Data type: PERCENTType
Owner	HESA
Version	1.0

Percentage modal split for commuting by students motorbike

Type	field
Short Name	EMSTCMB
Description	This field contains data about the percentage modal split of students commuting by motorbike. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	<p>Estimated % of students who travel to and from their term-time address to the HEP by motorbike.</p> <p>This should not include travel from their term-time address to their home (holiday) address.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Percentage modal split for commuting by students - D75
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	<p>Element: EMSTCMB</p> <p>Data type: PERCENTType</p>
Owner	HESA
Version	1.0

Percentage modal split for commuting by students other

Type	field
Short Name	EMSTCOTH
Description	This field contains data about the percentage modal split of students commuting by means other than single occupancy car journey, car share, bus, train, cycle, walking or motorbike. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	<p>Estimated % of students who travel to and from their term-time address to the HEP by means other than single occupancy car journey, car share, bus, train, cycle, walking or motorbike.</p> <p>This should not include travel from their term-time address to their home (holiday) address.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Percentage modal split for commuting by students - D75
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EMSTCOTH Data type: PERCENTType
Owner	HESA
Version	1.0

Percentage modal split for commuting by students single occupancy car journey

Type	field
Short Name	EMSTCSOC
Description	This field contains data about the percentage modal split of students commuting by single occupancy car journey. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	<p>Estimated % of students who travel to and from their term-time address to the HEP by single occupancy car journey.</p> <p>This should not include travel from their term-time address to their home (holiday) address.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Percentage modal split for commuting by students - D75
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EMSTCSOC Data type: PERCENTType
Owner	HESA
Version	1.0

Percentage modal split for commuting by students train

Type	field
Short Name	EMSTCTR
Description	This field contains data about the percentage modal split of students commuting by train. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	<p>Estimated % of students who travel to and from their term-time address to the HEP by train.</p> <p>This should not include travel from their term-time address to their home (holiday) address.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Percentage modal split for commuting by students - D75
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EMSTCTR Data type: PERCENTType
Owner	HESA
Version	1.0

Percentage modal split for commuting by students walk

Type	field
Short Name	EMSTCWK
Description	This field contains data about the percentage modal split of students commuting by walking. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	<p>Estimated % of students who travel to and from their term-time address to the HEP by walking.</p> <p>This should not include travel from their term-time address to their home (holiday) address.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Percentage modal split for commuting by students - D75
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	<p>Element: EMSTCWK</p> <p>Data type: PERCENTType</p>
Owner	HESA
Version	1.0

Percentage of Net Internal Area used for time-tabled teaching - D44

Type	entity
Short Name	PercentageofNetInternalAreaUsedForTimeTabledTeaching
Description	The field in this entity contains data about the percentage of Teaching not offices NIA that is centrally time-tabled.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	
Mandatory for	
Reason Required	
Part Of	Buildings and functionality
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Teaching not offices percentage of all NIA used for time-tabled teaching (BNIATE)
Owner	HESA
Version	1.0

Teaching not offices percentage of all NIA used for time-tabled teaching

Type	field
Short Name	BNIATE
Description	This field contains data about the percentage of Teaching not offices NIA that is centrally time-tabled. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	The percentage of Teaching not offices NIA that is used for time-tabled teaching.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Percentage of Net Internal Area used for time-tabled teaching - D44
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNIATE Data type: PERCENTType
Owner	HESA
Version	1.0

Physically assaulted by a person

Type	entity
Short Name	PhysicallyAssaultedByAPerson
Description	This fields in this entity contain data about the number of injuries as a result of being physically assaulted by a person.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of injuries as a result of being physically assaulted by a person.</p> <p>Do not include such injuries occurring in commercially let space.</p> <p>Further information on occupational injuries reportable under RIDDOR can be found in the document 'The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995'.</p>
Mandatory for	
Reason Required	
Part Of	Occupational injuries reportable under RIDDOR
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Number of staff injuries from being physically assaulted by a person (OSFPHYAS)</p> <p>Number of student injuries from being physically assaulted by a person (OSTPHYAS)</p> <p>Number of other persons injuries from being physically assaulted by a person (OOTPHYAS)</p>
Owner	HESA
Version	1.0

Number of other persons injuries from being physically assaulted by a person

Type	field
Short Name	OOTPHYAS
Description	This field contains data about the number of injuries to persons other than staff and students being physically assaulted by a person.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to staff as a result of being physically assaulted by a person. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Physically assaulted by a person
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OOTPHYAS Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of staff injuries from being physically assaulted by a person

Type	field
Short Name	OSFPHYAS
Description	This field contains data about the number of injuries to staff as a result of being physically assaulted by a person.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to staff as a result of being physically assaulted by a person.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Physically assaulted by a person
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSFPHYAS Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of student injuries from being physically assaulted by a person

Type	field
Short Name	OSTPHYAS
Description	This field contains data about the number of injuries to students as a result of being physically assaulted by a person.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to students as a result of being physically assaulted by a person. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Physically assaulted by a person
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSTPHYAS Data type: NUMBER3Type
Owner	HESA
Version	1.0

Playing fields area - D10

Type	entity
Short Name	PlayingFieldsArea
Description	The field in this entity contains data about playing fields area.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The total hectarge of playing fields, regularly maintained and used by the HEP. Exclude space allocated under Grounds area which is left fallow (e.g. development sites, non-maintained woodland etc.).</p> <p>Applicable only to some HEPs. Those HEPs to which it is applicable should return this information.</p>
Mandatory for	
Reason Required	
Part Of	Space measurement
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Total playing fields area (SMPFAT)
Owner	HESA
Version	1.0

Total playing fields area

Type	field
Short Name	SMPFAT
Description	This field contains data about the total playing fields area. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Hectare (ha)
Notes	Total playing fields area for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Playing fields area - D10
Field Length	8
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMPFAT Data type: LENGTH8DECIMAL3Type
Owner	HESA
Version	1.0

Porterage costs - D61

Type	entity
Short Name	PorterageCosts
Description	The fields in this entity contain data about porterage costs.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The annual cost of porterage duties. Porterage incorporates the costs of porterage contractors and employed staff. Duties may include: small office moves, events, room and exams set-up and reception cover.</p> <p>Costs for staff that carry out both security and porterage duties should be apportioned based on FTE.</p> <p>Exclude porterage costs associated with commercial space.</p>
Mandatory for	
Reason Required	
Part Of	Finance
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential porterage costs (FNRPOC) Residential porterage costs (FRPOC) Total porterage costs (FPOCT)
Owner	HESA
Version	1.0

Non-residential portering costs

Type	field
Short Name	FNRPOC
Description	This field contains data about the portering costs for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the portering costs for the non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Portering costs - D61
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRPOC Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential portorage costs

Type	field
Short Name	FRPOC
Description	This field contains data about the portorage costs for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the portorage costs for the residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Portorage costs - D61
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRPOC Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total portorage costs

Type	field
Short Name	FPOCT
Description	This field contains data about portorage costs for the total estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total portorage costs for the whole estate. Sum total of Non-residential portorage costs and Residential portorage costs.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Portorage costs - D61
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FPOCT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Private finance initiative or public private partnership - D19a

Type	entity
Short Name	PrivateFinanceInitiativeorPublicPrivatePartnership
Description	The fields in this entity contain data about the proportion of Net Internal Area (NIA) held under the terms of a private finance initiative or public private partnership.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Report the proportion of Total NIA held under the terms of a private finance initiative (PFI) or a public/private partnership (PPP) arrangement.</p> <p>This may include space that falls under more than one of the tenure categories listed under Tenure and is a subset of the tenure total which must sum to 100%.</p>
Mandatory for	
Reason Required	
Part Of	Buildings and functionality
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential PFI or PPP (BNRPFIPPP) Residential PFI or PPP (BRPFIPPP)
Owner	HESA
Version	1.0

Non-residential PFI or PPP

Type	field
Short Name	BNRPFIPPP
Description	This field contains data about the non-residential proportion of Net Internal Area (NIA) held under the terms of a private finance initiative/public private partnership. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Report the proportion of non-residential NIA, excluding residential, held under the terms of a PFI/PPP arrangements.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Private finance initiative or public private partnership - D19a
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRPFIPPP Data type: PERCENTType
Owner	HESA
Version	1.0

Residential PFI or PPP

Type	field
Short Name	BRPFIPPP
Description	This field contains data about the residential proportion of Net Internal Area (NIA) held under the terms of a private finance initiative/public private partnership. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Report the proportion of residential NIA held under the terms of a PFI/PPP arrangement.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Private finance initiative or public private partnership - D19a
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRPFIPPP Data type: PERCENTType
Owner	HESA
Version	1.0

Property costs - D26

Type	entity
Short Name	PropertyCosts
Description	The fields in this entity contain data about property costs.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The total revenue costs of occupying space held for an estate, site or building excluding any commercial space.</p> <p>The following costs should be added together to derive total property costs:</p> <ul style="list-style-type: none"> • (as a proxy for rental value, which will take into account the differences between leasehold and freehold properties and between different valuation policies),Rateable value • (excluding any rates rebates following a successful appeal - but including rates relief),Rates paid • ,Insurance premiums and contributions • ,Net service charge and miscellaneous PFI and PPP costs • ,Energy costs • ,Water and sewerage costs • ,Repairs and maintenance cost • ,Cleaning costs • ,Internally-incurred property management costs • ,Externally-provided property management costs
Mandatory for	
Reason Required	
Part Of	Finance
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential property costs (FNRPCO) Residential property costs (FRPCO) Total property costs (FTPCO)
Owner	HESA
Version	1.0

Non-residential property costs

Type	field
Short Name	FNRPCO
Description	This field contains data about property costs for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	<p>Total property costs including Rateable value for the total non-residential estate. (including teaching, research, support, vacant non-residential and other non-residential property costs).</p> <p>Sum total of Non-residential rates paid, Non-residential insurance premiums and contributions, Non-residential net service charge and miscellaneous PFI and PPP costs, Non-residential energy costs total, Non-residential water and sewerage costs total, Non-residential repairs and maintenance costs total, Non-residential cleaning costs total, Non-residential Internally-incurred property management costs, Non-residential Externally-provided property management costs, and Non-residential rateable value.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Property costs - D26
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRPCO Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential property costs

Type	field
Short Name	FRPCO
Description	This field contains data about property costs for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total property costs not including Rateable value or Rates paid for the residential estate. Sum total of Residential insurance premiums and contributions, Residential net service charge and miscellaneous PFI and PPP costs, Residential energy costs total, Residential water and sewerage costs total, Residential repairs and maintenance costs total, Residential cleaning costs total, Residential Internally-incurred property management costs, and Residential Externally-provided property management costs.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Property costs - D26
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRPCO Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total property costs

Type	field
Short Name	FTPCO
Description	This field contains data about the total property costs for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total property costs including Rateable value for the whole estate. Sum total of Non-residential property costs and Residential property costs.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Property costs - D26
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FTPCO Data type: NUMBER10Type
Owner	HESA
Version	1.0

Property management staffing - D37

Type	entity
Short Name	PropertyManagementStaffing
Description	The field in this entity contains property management staff full-time equivalent data.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Full-time equivalent (FTE) staff associated with all property management activities (excluding any commercial space) including:</p> <ul style="list-style-type: none"> Property management staffing - Estate management staff: FTE staff associated with estates strategy and planning, all landlord and tenant matters, acquisitions and sales of properties, rating, buildings insurance, and the general high level management (not direct supervision) of energy, water and sewerage, cleaning, repair and maintenance. <p>Include all HEP staff on a basis carrying out work of this kind, whether they belong to the estates department or not. Include all staff either doing this work directly or supporting these activities.</p> <ul style="list-style-type: none"> Property management staffing - Facilities management staff: This category should include all staff associated with activities that support the occupancy of the estate. This will include staff associated with the management and administration (not supervision) of cleaning, security and portage, reception services, post room and internal distribution services, and transport. Property management staffing - Project management staff: This category should include all staff required to plan for and justify capital and revenue projects (including capital bids) and the designing and/or project managing of the work. <p>Include all HEP staff carrying out work of this kind, whether they belong to the estates department or not. Include all staff either doing this work directly or supporting these activities.</p> <p>Exclude any staff not employed directly by the HEP.</p> <p>Where staff are allocated part-time to property management (as defined), allocate on a pro rata basis.</p>
Mandatory for	
Reason Required	
Part Of	Student and staff counts
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Total property management staffing (STPMST)

Owner	HESA
Version	1.0

Total property management staffing

Type	field
Short Name	STPMST
Description	This field contains property management staff full-time equivalent data for the whole estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Full-time equivalent (FTE)
Notes	The full-time equivalence (FTE) of property management staff for the total estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Property management staffing - D37
Field Length	9
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: STPMST Data type: LENGTH9DECIMAL3Type
Owner	HESA
Version	1.0

Purchase of renewable energy through green tariffs - D72a

Type	entity
Short Name	PurchaseofRenewableEnergyThroughGreenTariffs
Description	The field in this entity contains data about the percentage of energy purchased via green tariffs.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The percentage of energy purchased via green tariffs (Climate Change Levy exempt) for HEP activities.</p> <p>This should not include renewable energy generated on or off-site either by the HEP independently or in partnership with others. This should be returned under Renewable energy generated on or offsite.</p>
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Total percentage of renewable energy purchased through green tariffs (EPREPGTT)
Owner	HESA
Version	1.0

Total percentage of renewable energy purchased through green tariffs

Type	field
Short Name	EPREPGTT
Description	This field contains data about the percentage of renewable energy purchased via green tariffs for the whole estate. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Percentage of renewable energy purchased through green tariffs (Climate Change Levy exempt) for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Purchase of renewable energy through green tariffs - D72a
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EPREPGTT Data type: PERCENTType
Owner	HESA
Version	1.0

Rateable value - D27

Type	entity
Short Name	RateableValue
Description	The fields in this entity contain data about the rateable value of space.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The current rateable value of all occupied space, excluding any commercial space, held at the end of the relevant year.</p> <p>Residential space is subject to rates in Northern Ireland, therefore higher education Providers in Northern Ireland should exclude Rateable value and Rates paid from their return on residential space.</p> <p>Include:</p> <ul style="list-style-type: none"> • rateable value of vacant space, • the effects of any rating appeals determined before the end of the financial year but ignore outstanding appeals. <p>Exclude rateable value on space let out to sub-tenants if the tenant pays the rates.</p> <p>Residential properties do not attract rates (unless used for lettings for more than 140 days/year) and therefore typically have no rateable value.</p> <p>Note: Rateable values are very important in the preparation of Key Estate Ratios since these are the only consistently available data item to use as a proxy for rent or for use of capital. Its chief advantage is that numbers are available across all property types (excluding residential) and for both freehold and leasehold tenures.</p>
Mandatory for	
Reason Required	
Part Of	Finance
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential rateable value (FNRRV)
Owner	HESA
Version	1.0

Non-residential rateable value

Type	field
Short Name	FNRRV
Description	This field contains data about rateable value for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the rateable value of the non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Rateable value - D27
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRRV Data type: NUMBER10Type
Owner	HESA
Version	1.0

Rates paid - D28

Type	entity
Short Name	RatesPaid
Description	The field in this entity contains data about rates paid.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The actual rates paid (excluding any charges in respect of commercial space) in the academic financial year 1 August to 31 July. This should exclude the effects of any rates rebate following an appeal, but not the effects of rates relief due to charitable status or similar.</p> <p>Residential space is subject to rates in Northern Ireland, therefore higher education Providers in Northern Ireland should exclude Rateable value and Rates paid from their return on residential space.</p>
Mandatory for	
Reason Required	
Part Of	Finance
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential rates paid (FNRRP)
Owner	HESA
Version	1.0

Non-residential rates paid

Type	field
Short Name	FNRRP
Description	This field contains data about non-residential rates paid.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Rates paid - D28
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRRP Data type: NUMBER10Type
Owner	HESA
Version	1.0

Renewable energy generated onsite or offsite - D72d

Type	entity
Short Name	RenewableEnergyGeneratedOnsiteorOffsite
Description	The field in this entity contains data about the renewable energy generated on or off site, either by the HEP independently or in partnership with others.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The annual energy (kWh equivalent) generated through renewable energy sources. Typically this may include energy derived from:</p> <ul style="list-style-type: none"> • biomass-fuelled boilers, • solar electric panels (photovoltaics), • solar thermal panels (solar water heating), • wind turbines, • ground source heat pumps, • other. <p>All energy generated does not need to be consumed by the individual HEP as some energy may be sold to third parties.</p> <p>The relevant energy need not be produced on freehold land and therefore may be produced on land that is leased or held on licence.</p> <p>Where energy generated is not metered or measured it should not be counted.</p> <p>Electricity supplied through 'green tariffs' should not be included except in exceptional circumstances where an HEP can demonstrate that the renewable electricity is additional to a utility's statutory requirement for renewable energy generation (i.e. where the Renewable Obligation Certificates (ROCs) have been retained).</p>
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Total renewable energy generated onsite or offsite (EREGONF)
Owner	HESA
Version	1.0

Total renewable energy generated onsite or offsite

Type	field
Short Name	EREGONF
Description	This field describes the renewable energy generated on or offsite either by the HEP independently or in partnership with others. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilowatt hour (kWh)
Notes	Total annual energy (kWh equivalent) generated through renewable energy sources for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Renewable energy generated onsite or offsite - D72d
Field Length	14
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EREGONF Data type: LENGTH14DECIMAL3Type
Owner	HESA
Version	1.0

Repairs and maintenance costs - D33

Type	entity
Short Name	RepairsandMaintenanceCosts
Description	The fields in this entity contain data about repairs and maintenance costs.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>All revenue expenditure costs associated with the on-going repair and maintenance of the estate, but excluding costs relating to the commercial estate (it may include costs that fall below a certain HEP-specific spending threshold). This will be for the HEP as a whole, not just the estates department. Include the costs of maintenance and repair on all buildings, roads, grounds and playing fields as follows:</p> <ul style="list-style-type: none"> • staff costs (salary, national insurance, pension contributions, and the value of other benefits as notified to Inland Revenue), • staff time associated with the direct supervision of repair and maintenance work but exclude the costs of 'top level' management time spent on budget setting and overall control, • direct support costs related to expenses, computing (excluding hardware), communications and consumables associated with maintenance and repair (rents, rates and service charges are not required), • costs of materials, • cost of legislative compliance, • costs of external consultants and contractors associated with maintenance work, • minor works expenditure where these are treated as revenue expenditure, and have not been included in the return of Capital expenditure buildings • actual expenditure associated with long-term maintenance plans. <p>Specifically exclude any costs included under the heading of internal estate management costs at internally-incurred property management costs and any depreciation on capital costs of equipment.</p> <p>The distinction between Capital expenditure buildings and maintenance revenue expenditure will be a matter for HEPs to determine, in line with the requirements of the Financial Reporting Group.</p> <p>However, under Capital expenditure buildings there is guidance on the break down required under this heading. For reference, it should be noted that the total figure for Capital expenditure buildings returned in the Estates management record should be the same as the return made in the Finance record Table 9 UK 'Capital expenditure'. This, along with the definition of maintenance under Repairs and maintenance costs, should ensure compatibility with HESA returns for the topics of maintenance and capital expenditure.</p> <p>It is important, however, that care is taken to avoid double-counting between Capital expenditure buildings and the Repairs and maintenance costs made here.</p> <p>The combination of Repairs and maintenance costs and Capital expenditure buildings should result in the total building works related expenditure for the HEP. It is recognised, however, that there may be some inaccuracies using these sources, but they should still give a reasonable picture of these elements of property costs over time.</p>

	<p>The figures for Non-residential repairs and maintenance costs total and Residential repairs and maintenance costs total should include buildings, grounds and playing field repairs and maintenance costs.</p> <p>Building maintenance definition</p> <p>Work undertaken to keep and restore every part of a building, its services and surrounds (including underground installations). This includes planned and reactive maintenance which are defined as:</p> <p>Planned building maintenance is any work done with forethought and control to a predetermined plan, even on a day-to-day basis. This includes:</p> <ul style="list-style-type: none"> • day to day or routine maintenance, • periodic or cyclical maintenance, • maintenance contracts (scheduled and condition based maintenance), • preventative maintenance (also planned preventative maintenance and forward maintenance), • regular statutory inspections, • painting/decorating programmes, • adaptation (such as re-location, change of use, alterations and minor refurbishment) that have not been included in part of Capital expenditure buildings • long term maintenance (irregular or backlog maintenance). <p>Cleaning of external brickwork should be included under Repairs and maintenance costs and not under Cleaning costs.</p> <p>Reactive building maintenance is carried out in response to unplanned breakdowns and emergencies. This includes:</p> <ul style="list-style-type: none"> • unplanned maintenance, • emergency or breakdown maintenance, • responsive maintenance. <p>With term maintenance contracts and total facilities management contracts, reactive maintenance costs are costs of unforeseen break downs and ad hoc occupier requests for building maintenance, under the direct control of the contractor.</p>
Mandatory for	
Reason Required	
Part Of	Finance
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential repairs and maintenance costs grounds (FNRRMCG) Non-residential repairs and maintenance costs playing fields (FNRRMCPF) Non-residential repairs and maintenance costs total (FNRRMCT) Residential repairs and maintenance costs grounds (FRRMCG) Residential repairs and maintenance costs playing fields (FRRMCPF) Residential repairs and maintenance costs total (FRRMCT) Total repairs and maintenance costs grounds (FRMCGT) Total repairs and maintenance costs playing fields (FRMCPFT) Total repairs and maintenance costs (FRMCT) HESA supplied repairs and maintenance costs other operating expenses (FRMCOOE)
Owner	HESA

Version	1.0
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HESA supplied repairs and maintenance costs other operating expenses

Type	field
Short Name	FRMCOOE
Description	This field contains data about Repairs and maintenance costs other operating expenses
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	<p>This data will be provided by HESA.</p> <p>This figure is taken from the Finance record Table 8 UK 'Expenditure by activity and HESA cost centre' Head 4 'Premises', sub-head 4a 'Repairs and maintenance', column 5 'Other operating expenses'.</p>
Mandatory for	
Reason Required	For advice to Government, financial health monitoring and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Repairs and maintenance costs - D33
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRMCOOE Data type: NUMBER10Type
Owner	HESA
Version	1.0

Non-residential repairs and maintenance costs grounds

Type	field
Short Name	FNRRMCG
Description	This field contains data about repairs and maintenance costs for the grounds of the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	<p>Grounds - figure for the repairs and maintenance costs of the total non-residential estate only.</p> <p>Grounds maintenance definition</p> <p>Work undertaken to keep and restore an HEP's campus or building's grounds including hard and soft landscaping, car parking and highways not part of the building per se and not categorised as playing fields. A single figure for Grounds maintenance should be returned.</p> <p>Soft landscaping incorporates the up-keep and installation of all planting, shrubs, flowers, window boxes, borders, lawns, and internal plants and flowers.</p> <p>Hard landscaping incorporates the up-keep of features such as roads, footways and car parks. Includes snow/litter clearance and gritting and road improvements.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Repairs and maintenance costs - D33
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	<p>Element: FNRRMCG</p> <p>Data type: NUMBER10Type</p>
Owner	HESA
Version	1.0

Non-residential repairs and maintenance costs playing fields

Type	field
Short Name	FNRRMCPF
Description	This field contains data about repairs and maintenance costs for the playing fields of the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	<p>Playing fields - figure for the repairs and maintenance costs of the total non-residential estate only.</p> <p>Playing fields maintenance definition</p> <p>Work undertaken to keep and restore an HEP's campus or building's associated playing fields including any directly associated hard or soft landscaping.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Repairs and maintenance costs - D33
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRRMCPF Data type: NUMBER10Type
Owner	HESA
Version	1.0

Non-residential repairs and maintenance costs total

Type	field
Short Name	FNRRMCT
Description	This field contains data about the total repairs and maintenance costs for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	<p>Total repairs and maintenance costs for the non-residential estate.</p> <p>This figure should include buildings, grounds and playing field repairs and maintenance costs.</p> <p>Care should be taken to avoid double-counting between Capital expenditure buildings and the repairs and maintenance costs returned in this field.</p> <p>It is expected that the Non-residential repairs and maintenance costs total will be lower than the Finance record Table 8 UK 'Expenditure by activity and HESA cost centre' Sub-head 4a 'Premises: Repairs and maintenance', column 3 'Total staff costs' plus column 5 'Other operating expenses'. This is due to the FSR figure including all 'estates administrative staff', whereas for EMS purposes staffing costs will be split out between Repairs and maintenance costs and Internally-incurred property management costs.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Repairs and maintenance costs - D33
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRRMCT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential repairs and maintenance costs grounds

Type	field
Short Name	FRRMCG
Description	This field contains data about repairs and maintenance costs for the grounds of the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	<p>Grounds - figure for the repairs and maintenance costs of the residential estate only.</p> <p>Grounds maintenance definition</p> <p>Work undertaken to keep and restore an HEP's campus or building's grounds including hard and soft landscaping, car parking and highways not part of the building per se and not categorised as playing fields. A single figure for Grounds maintenance should be returned.</p> <p>Soft landscaping incorporates the up-keep and installation of all planting, shrubs, flowers, window boxes, borders, lawns, and internal plants and flowers.</p> <p>Hard landscaping incorporates the up-keep of features such as roads, footways and car parks. Includes snow/litter clearance and gritting and road improvements.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Repairs and maintenance costs - D33
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRRMCG Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential repairs and maintenance costs playing fields

Type	field
Short Name	FRRMCPF
Description	This field contains data about repairs and maintenance costs for the playing fields of the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	<p>Playing fields - figure for the repairs and maintenance costs of the residential estate only.</p> <p>Playing fields maintenance definition</p> <p>Work undertaken to keep and restore an HEP's campus or building's associated playing fields including any directly associated hard or soft landscaping.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Repairs and maintenance costs - D33
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRRMCPF Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential repairs and maintenance costs total

Type	field
Short Name	FRRMCT
Description	This field contains data about the total repairs and maintenance costs for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	<p>Total repairs and maintenance costs for the residential estate.</p> <p>This figure should include buildings, grounds and playing field repairs and maintenance costs.</p> <p>Care should be taken to avoid double-counting between Capital expenditure buildings and the repairs and maintenance costs returned in this field.</p> <p>It is expected that the Residential repairs and maintenance costs total will be lower than the total returned in the Finance record Table 8 UK 'Expenditure by activity and HESA cost centre' sub-head 5c 'Total residences and catering operations (including conferences)', column 3 'Total staff costs' plus column 5 'Other operating expenses'. This is due to the FSR figure including all residences and catering staff, and not just those involved in maintenance.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Repairs and maintenance costs - D33
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRRMCT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total repairs and maintenance costs

Type	field
Short Name	FRMCT
Description	This field contains data about the total repairs and maintenance costs for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total repairs and maintenance costs for the whole estate. Sum total of Non-residential repairs and maintenance costs total and Residential repairs and maintenance costs total.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Repairs and maintenance costs - D33
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRMCT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total repairs and maintenance costs grounds

Type	field
Short Name	FRMCGT
Description	This field contains data about the total repairs and maintenance costs for the grounds of the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total repairs and maintenance costs for the grounds of the whole estate. Sum total of Non-residential repairs and maintenance costs grounds and Residential repairs and maintenance costs grounds.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Repairs and maintenance costs - D33
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRMCGT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total repairs and maintenance costs playing fields

Type	field
Short Name	FRMCPFT
Description	This field contains data about the total repairs and maintenance costs for the playing fields of the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total repairs and maintenance costs for the playing fields of the whole estate. Sum total of Non-residential repairs and maintenance costs playing fields and Residential repairs and maintenance costs playing fields.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Repairs and maintenance costs - D33
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRMCPFT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential space - D99

Type	entity
Short Name	ResidentialSpace
Description	The field in this entity contains data about residential space.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	A response to the question "Does your HEP have residential space?" is required.
Mandatory for	
Reason Required	
Part Of	Space measurement
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Residential space total (SRESPT)
Owner	HESA
Version	1.0

Residential space total

Type	field
Short Name	SRESPT
Description	This field contains data about whether or not an HEP has residential space.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Valid Entries and Labels	Y Yes N No
Notes	<p>HEPs in Scotland who choose to make an Estates management record return will need to complete this item.</p> <p>Does the HEP have residential space?</p> <ul style="list-style-type: none"> • Y 'Yes' must be used when the HEP has residential space, • N 'No' must be used when the HEP does not have residential space. <p>If N 'No' is selected then all residential data items (including all the calculations which only include residential data items) will be greyed out in the form, and the values will be overwritten as zero, 'accurate'. All of the residential ratios will also be greyed out.</p> <p>HEPs will be able to change their answer to this question during the data entering process.</p>
Mandatory for	England Northern Ireland Scotland Wales
Reason Required	Sector use and benchmarking.
Part Of	Residential space - D99
Field Length	1
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SRESPT Data type: SRESPTCodeContentType
Owner	HESA
Version	1.0

RIDDOR reportable dangerous occurrences

Type	entity
Short Name	RIDDORReportableDangerousOccurrences
Description	The fields in this entity contain data about the number of RIDDOR reportable dangerous occurrences.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of RIDDOR reportable dangerous occurrences. Figure for the whole estate.</p> <p>Do not include such occurrences in commercially let space.</p> <p>Further information on reporting dangerous occurrences can be found in RIDDOR - Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013, and in the publication 'Reporting accidents and incidents at work - A brief guide to the Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013 (RIDDOR)'.</p>
Mandatory for	
Reason Required	
Part Of	Dangerous occurrences
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Total RIDDOR reportable dangerous occurrences (DRDRDOT)
Owner	HESA
Version	1.0

Total RIDDOR reportable dangerous occurrences

Type	field
Short Name	DRDRDOT
Description	This field describes the number of RIDDOR reportable dangerous occurrences.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Total number of RIDDOR reportable dangerous occurrences. Figure for the whole estate.</p> <p>RIDDOR Reportable dangerous occurrences are as defined in Part 1 General of schedule 2 Dangerous Occurrences in The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	RIDDOR reportable dangerous occurrences
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	<p>Element: DRDRDOT</p> <p>Data type: NUMBER3Type</p>
Owner	HESA
Version	1.0

RIDDOR reportable injuries

Type	entity
Short Name	RIDDORReportableInjuries
Description	The fields in this entity contain data about the number of RIDDOR reportable injuries.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of RIDDOR reportable injuries. Figure for the whole estate.</p> <p>Do not include such incidents that occur in commercially let space.</p> <p>These figures will be calculated from Fatalities, Specified major injuries, Non-employee hospital treatment for reportable injuries, and Other injuries involving more than seven days incapacitation.</p> <p>Further information and guidance on reporting incidents involving injury can be found in the document 'A guide to the Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995'.</p>
Mandatory for	
Reason Required	
Part Of	Incidents involving injury
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Number of staff RIDDOR reportable injuries (INSFRDIJ) Number of student RIDDOR reportable injuries (INSTRDIJ) Number of other persons RIDDOR reportable injuries (INOTRDIJ) Total RIDDOR reportable injuries (INRDIJT)
Owner	HESA
Version	1.0

Number of other persons RIDDOR reportable injuries

Type	field
Short Name	INOTRDIJ
Description	This field contains data about the number of RIDDOR reportable injuries to persons other than staff or students.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of RIDDOR reportable injuries to persons other than staff or students. Figure for the whole estate. Sum total of Number of other persons fatalities, Number of other persons specified major injuries and Number of other non-employees requiring hospital treatment for reportable injuries.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	RIDDOR reportable injuries
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: INOTRDIJ Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of staff RIDDOR reportable injuries

Type	field
Short Name	INSFRDIJ
Description	This field contains data about the number of RIDDOR reportable injuries to staff.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of RIDDOR reportable injuries to staff. Figure for the whole estate. Sum total of Number of staff fatalities, Number of staff specified major injuries, and Number of staff other injuries involving more than seven days incapacitation.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	RIDDOR reportable injuries
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: INSFRDIJ Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of student RIDDOR reportable injuries

Type	field
Short Name	INSTRDIJ
Description	This field contains data about the number of RIDDOR reportable injuries to students.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of student RIDDOR reportable injuries. Figure for the whole estate. Sum total of Number of student fatalities, Number of student specified major injuries and Number of students requiring hospital treatment for reportable injuries.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	RIDDOR reportable injuries
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: INSTRDIJ Data type: NUMBER3Type
Owner	HESA
Version	1.0

Total RIDDOR reportable injuries

Type	field
Short Name	INRDIJT
Description	This field contains data about the total number of RIDDOR reportable injuries.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of RIDDOR reportable injuries.Figure for the whole estate. Sum total of Number of staff RIDDOR reportable injuries, Number of student RIDDOR reportable injuries, and Number of other persons RIDDOR reportable injuries.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	RIDDOR reportable injuries
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: INRDIJT Data type: NUMBER3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions - D38c

Type	entity
Short Name	Scope1and2CarbonEmissions
Description	The fields in this entity contain data about scope 1 and 2 carbon emissions from Energy consumption and Fuel used in HEP owned vehicles.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>These are scope 1 and 2 emissions in total greenhouse gas emissions (kg CO₂e).</p> <p>Where possible HESA will calculate this metric by taking the energy consumption figures returned under Energy consumption and Fuel used in HEP-owned vehicles and convert to kilograms of carbon dioxide equivalents using the relevant Gross CV conversion factor. The energy consumption figures should exclude any usage within commercial space and thus will these emissions figures.</p> <p>Emission conversion factors</p> <p>Prior to the 2011/12 Estates Management Statistics record, the conversion factor used was based on carbon dioxide (CO₂) per unit. However, from the 2011/12 Estates Management Statistics record onwards, the alternative Defra measure of equivalent carbon dioxide (CO₂e) is used instead. This change accounts for additional Greenhouse Gases, including CH₄ and N₂O.</p> <p>The Defra conversion factors and guidance provide the conversion factors as well as supplemental information.</p> <p>Electricity supplied through 'green tariffs' will not be considered zero carbon and the average grid electricity carbon factor will be applied. An emission reduction will be applied for any renewable electricity that has been generated and exported to the national grid or a third party at the one year average factor.</p> <p>For treatment of CHP inputs and outputs see Energy consumption. The conversion factor for natural gas will be used for CHP inputs. However, if the input fuel is different please state the fuel and appropriate conversion factor.</p> <p>Scope 1 and 2 carbon emissions from vehicles must be excluded from both Non-residential scope 1 and 2 carbon emissions total and Residential scope 1 and 2 carbon emissions total. A vehicle should not be given a non-residential or residential distinction for the purposes of the Estates management record. This ensures that the scope 1 and 2 carbon emissions from vehicles are not double counted within Total scope 1 and 2 carbon emissions.</p>
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0

Maximum Occurrences	1
Has Parts	Scope 1 and 2 carbon emissions grid electricity (E12CEGE) Scope 1 and 2 carbon emissions biofuels (E12CEBF) Scope 1 and 2 carbon emissions burning oil (E12CEBO) Scope 1 and 2 carbon emissions compressed natural gas (E12CECNG) Scope 1 and 2 carbon emissions coal (industrial) (E12CECIN) Scope 1 and 2 carbon emissions fuel oil (E12CEFOI) Scope 1 and 2 carbon emissions gas oil (E12CEGOI) Scope 1 and 2 carbon emissions liquefied natural gas (E12CELNG) Scope 1 and 2 carbon emissions liquefied petroleum gas (E12CELPG) Scope 1 and 2 carbon emissions lubricants (E12CELUB) Scope 1 and 2 carbon emissions natural gas (E12CENGAS) Scope 1 and 2 carbon emissions other petroleum gas (E12CEOPG) Scope 1 and 2 carbon emissions petroleum coke (E12CEPCO) Scope 1 and 2 carbon emissions biomass (E12CEBM) Scope 1 and 2 carbon emissions onsite photovoltaic (E12CEOPH) Scope 1 and 2 carbon emissions onsite wind (E12CEOW) Scope 1 and 2 carbon emissions steam and hot water (E12CESHW) Scope 1 and 2 carbon emissions other onsite renewables (E12CEORO) Scope 1 and 2 carbon emissions vehicles aviation spirit (E12CEVAS) Scope 1 and 2 carbon emissions vehicles aviation turbine fuel (E12CEVAT) Scope 1 and 2 carbon emissions vehicles biofuels (E12CEVB) Scope 1 and 2 carbon emissions vehicles diesel (E12CEVD) Scope 1 and 2 carbon emissions vehicles liquefied petroleum gas (E12CEVLG) Scope 1 and 2 carbon emissions vehicles petrol (E12CEVPE) Non-residential scope 1 and 2 carbon emissions total (E12CENRT) Residential scope 1 and 2 carbon emissions total (E12CERT) Total scope 1 and 2 carbon emissions (E12CET)
Owner	HESA
Version	1.0

Non-residential scope 1 and 2 carbon emissions total

Type	field
Short Name	E12CENRT
Description	This field contains data about scope 1 and 2 carbon emissions for the non-residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO ₂ e)
Notes	<p>This figure is for the scope 1 and 2 carbon emissions of the non-residential estate only.</p> <p>Scope 1 and 2 carbon emissions from vehicles must be excluded from both Non-residential scope 1 and 2 carbon emissions total and Residential scope 1 and 2 carbon emissions total. A vehicle should not be given a non-residential or residential distinction for the purposes of the Estates management record. This ensures that the scope 1 and 2 carbon emissions from vehicles are not double counted within Total scope 1 and 2 carbon emissions.</p> <p>HEPs will need to enter this figure (as the breakdown collected in Estates management record is not sufficient to enable HESA to calculate this).</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CENRT Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Residential scope 1 and 2 carbon emissions total

Type	field
Short Name	E12CERT
Description	This field contains data about scope 1 and 2 carbon emissions for the residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO ₂ e)
Notes	<p>This figure is for the scope 1 and 2 carbon emissions of the residential estate only.</p> <p>Scope 1 and 2 carbon emissions from vehicles must be excluded from both Non-residential scope 1 and 2 carbon emissions total and Residential scope 1 and 2 carbon emissions total. A vehicle should not be given a non-residential or residential distinction for the purposes of the Estates management record. This ensures that the scope 1 and 2 carbon emissions from vehicles are not double counted within Total scope 1 and 2 carbon emissions.</p> <p>HEPs will need to enter this figure (as the breakdown collected in Estates management record is not sufficient to enable HESA to calculate this).</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CERT Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions biofuels

Type	field
Short Name	E12CEBF
Description	This field contains data about scope 1 and 2 carbon emissions from biofuels. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO ₂ e)
Notes	<p>Total scope 1 and 2 carbon emissions from biofuels (Kg CO₂ per litre) for the whole estate.</p> <p>If a figure was returned under Energy consumption biofuels (kWh), higher education providers (HEPs) will need to calculate the scope 1 and 2 emissions.</p> <p>The consumption figure returned by the HEP should be broken down by the type of biofuel, the component figures multiplied by the corresponding Defra conversion factors to produce the scope 1 and 2 carbon emissions. The sum of these should then be returned in this field.</p> <p>The Defra conversion factors and guidance to support HEPs in returning this field can be found in the downloadable Excel spreadsheet, under the 'Bioenergy' tab.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CEBF Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions biomass

Type	field
Short Name	E12CEBM
Description	This field contains data about scope 1 and 2 carbon emissions from biomass. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO ₂ e)
Notes	<p>Total scope 1 and 2 carbon emissions from biomass (Kg CO₂ per litre) for the whole estate.</p> <p>If a figure was returned under Energy consumption biomass (kWh), higher education providers (HEPs) will need to calculate the scope 1 and 2 emissions.</p> <p>The consumption figure returned by the HEP should be broken down by the type of biomass, the component figures multiplied by the corresponding Defra conversion factors to produce the scope 1 and 2 carbon emissions. The sum of these should then be returned in this field.</p> <p>The Defra conversion factors and guidance to support HEPs in returning this field can be found in the downloadable Excel spreadsheet, under the 'Bioenergy' tab.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CEBM Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions burning oil

Type	field
Short Name	E12CEBO
Description	This field contains data about scope 1 and 2 carbon emissions from burning oil. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO ₂ e)
Notes	<p>This conversion will be undertaken by HESA.</p> <p>Total scope 1 and 2 carbon emissions from burning oil (kWh) for the whole estate.</p> <p>The Defra conversion factors and guidance provide the conversion factor that will be used for Energy consumption burning oil as well as supplemental information.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CEBO Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions coal (industrial)

Type	field
Short Name	E12CECIN
Description	This field contains data about scope 1 and 2 carbon emissions from coal (industrial). The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO ₂ e)
Notes	<p>This conversion will be undertaken by HESA.</p> <p>Total scope 1 and 2 carbon emissions from coal (industrial) (kWh) for the whole estate.</p> <p>The Defra conversion factors and guidance provide the conversion factor that will be used for Energy consumption coal (industrial) as well as supplemental information.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CECIN Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions compressed natural gas

Type	field
Short Name	E12CECNG
Description	This field contains data about scope 1 and 2 carbon emissions from compressed natural gas. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO2e)
Notes	<p>This conversion will be undertaken by HESA.</p> <p>Total scope 1 and 2 carbon emissions from compressed natural gas (kWh) for the whole estate.</p> <p>The Defra conversion factors and guidance provide the conversion factor that will be used for Energy consumption compressed natural gas as well as supplemental information.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CECNG Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions fuel oil

Type	field
Short Name	E12CEFOI
Description	This field contains data about scope 1 and 2 carbon emissions from fuel oil. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO2e)
Notes	<p>This conversion will be undertaken by HESA.</p> <p>Total scope 1 and 2 carbon emissions from fuel oil (kWh) for the whole estate.</p> <p>The Defra conversion factors and guidance provide the conversion factor that will be used for Energy consumption fuel oil as well as supplemental information.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CEFOI Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions gas oil

Type	field
Short Name	E12CEGOI
Description	This field contains data about scope 1 and 2 carbon emissions from gas oil. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO2e)
Notes	<p>This conversion will be undertaken by HESA.</p> <p>Total scope 1 and 2 carbon emissions from gas oil (kWh) for the whole estate.</p> <p>The Defra conversion factors and guidance provide the conversion factor that will be used for Energy consumption gas oil as well as supplemental information.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CEGOI Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions grid electricity

Type	field
Short Name	E12CEGE
Description	This field contains data about scope 1 and 2 carbon emissions from grid electricity. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO2e)
Notes	<p>This conversion will be undertaken by HESA.</p> <p>Total scope 1 and 2 carbon emissions from grid electricity (kWh) for the whole estate.</p> <p>The Defra conversion factors and guidance provide the conversion factor that will be used for Energy consumption grid electricity as well as supplemental information.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CEGE Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions liquefied natural gas

Type	field
Short Name	E12CELNG
Description	This field contains data about scope 1 and 2 carbon emissions from liquefied natural gas. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO2e)
Notes	<p>This conversion will be undertaken by HESA.</p> <p>Total scope 1 and 2 carbon emissions from liquefied natural gas (kWh) for the whole estate.</p> <p>The Defra conversion factors and guidance provide the conversion factor that will be used for Energy consumption liquefied natural gas as well as supplemental information.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CELNG Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions liquefied petroleum gas

Type	field
Short Name	E12CELPG
Description	This field contains data about scope 1 and 2 carbon emissions from liquefied petroleum gas. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO2e)
Notes	<p>This conversion will be undertaken by HESA.</p> <p>Total scope 1 and 2 carbon emissions from liquefied petroleum gas (kWh) for the whole estate.</p> <p>The Defra conversion factors and guidance provide the conversion factor that will be used for Energy consumption liquefied petroleum gas as well as supplemental information.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CELPG Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions lubricants

Type	field
Short Name	E12CELUB
Description	This field contains data about scope 1 and 2 carbon emissions from lubricants. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO2e)
Notes	<p>This conversion will be undertaken by HESA.</p> <p>Total scope 1 and 2 carbon emissions from lubricants (kWh) for the whole estate.</p> <p>The Defra conversion factors and guidance provide the conversion factor that will be used for Energy consumption lubricants as well as supplemental information.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CELUB Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions natural gas

Type	field
Short Name	E12CENGAS
Description	This field contains data about scope 1 and 2 carbon emissions from natural gas. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO2e)
Notes	<p>This conversion will be undertaken by HESA.</p> <p>Total scope 1 and 2 carbon emissions from natural gas (kWh) for the whole estate.</p> <p>The Defra conversion factors and guidance provide the conversion factor that will be used for Energy consumption natural gas excluding that used as input for a CHP unit and Energy consumption natural gas used as input for a CHP unit as well as supplemental information.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CENGAS Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions onsite photovoltaic

Type	field
Short Name	E12CEOPH
Description	This field contains data about scope 1 and 2 carbon emissions from onsite photovoltaic. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO2e)
Notes	<p>This conversion will be undertaken by HESA.</p> <p>Total scope 1 and 2 carbon emissions for the whole estate from onsite photovoltaic.</p> <p>A carbon conversion factor of 0 will be used as the emissions from Energy consumption onsite photovoltaic is 0.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CEOPH Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions onsite wind

Type	field
Short Name	E12CEOW
Description	This field contains data about scope 1 and 2 carbon emissions from onsite wind. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO2e)
Notes	<p>This conversion will be undertaken by HESA.</p> <p>Total scope 1 and 2 carbon emissions for the whole estate from onsite wind.</p> <p>A carbon conversion factor of 0 will be used as the Energy consumption onsite wind is 0.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CEOW Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions other onsite renewables

Type	field
Short Name	E12CEORO
Description	This field contains data about scope 1 and 2 carbon emissions from other onsite renewables. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO2e)
Notes	<p>This conversion will be undertaken by HESA.</p> <p>Total scope 1 and 2 carbon emissions from other onsite renewables (kWh) for the whole estate.</p> <p>A carbon conversion factor of 0 will be used as the emissions from Energy consumption other onsite renewables is 0.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CEORO Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions other petroleum gas

Type	field
Short Name	E12CEOPG
Description	This field contains data about scope 1 and 2 carbon emissions from other petroleum gas. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO2e)
Notes	<p>This conversion will be undertaken by HESA.</p> <p>Total scope 1 and 2 carbon emissions from other petroleum gas (kWh) for the whole estate.</p> <p>The Defra conversion factors and guidance provide the conversion factor that will be used for Energy consumption other petroleum gas as well as supplemental information.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CEOPG Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions petroleum coke

Type	field
Short Name	E12CEPCO
Description	This field contains data about scope 1 and 2 carbon emissions from petroleum coke. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO ₂ e)
Notes	<p>This conversion will be undertaken by HESA.</p> <p>Total scope 1 and 2 carbon emissions from petroleum coke (kWh) for the whole estate.</p> <p>The Defra conversion factors and guidance provide the conversion factor that will be used for Energy consumption petroleum coke as well as supplemental information.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CEPCO Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions steam and hot water

Type	field
Short Name	E12CESHW
Description	This field contains data about scope 1 and 2 carbon emissions from steam and hot water. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO ₂ e)
Notes	<p>This conversion will be undertaken by HESA.</p> <p>Total scope 1 and 2 carbon emissions from steam and hot water (kWh) for the whole estate.</p> <p>The Defra conversion factors and guidance provide the conversion factor that will be used for Energy consumption steam and hot water as well as supplemental information.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CESHW Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions vehicles aviation spirit

Type	field
Short Name	E12CEVAS
Description	This field contains data about scope 1 and 2 carbon emissions from aviation spirit used in HEP-owned vehicles. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO2e)
Notes	<p>This conversion will be undertaken by HESA.</p> <p>Total scope 1 and 2 carbon emissions from aviation spirit (litres) used in vehicles owned or leased by the HEP.</p> <p>The Defra conversion factors and guidance provide the conversion factor that will be used for Fuel used in HEP owned vehicles aviation spirit as well as supplemental information.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CEVAS Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions vehicles aviation turbine fuel

Type	field
Short Name	E12CEVAT
Description	This field contains data about scope 1 and 2 carbon emissions from aviation turbine fuel used in HEP-owned vehicles. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO2e)
Notes	<p>This conversion will be undertaken by HESA.</p> <p>Total scope 1 and 2 carbon emissions from aviation turbine fuel type (litres) used in vehicles owned or leased by the HEP.</p> <p>The Defra conversion factors and guidance provide the conversion factor that will be used for Fuel used in HEP owned vehicles aviation turbine fuel as well as supplemental information.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CEVAT Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions vehicles biofuels

Type	field
Short Name	E12CEVB
Description	This field contains data about scope 1 and 2 emissions from biofuels used in HEP-owned vehicles. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO ₂ e)
Notes	<p>Total scope 1 and 2 emissions from biofuels used in vehicles owned or leased by the HEP.</p> <p>If a figure was returned under Fuel used in HEP owned vehicles biofuels (litres), higher education providers (HEPs) will need to calculate the scope 1 and 2 emissions.</p> <p>The consumption figure returned by the HEP should be broken down by the type of biofuel, the component figures multiplied by the corresponding Defra conversion factors to produce the scope 1 and 2 carbon emissions. The sum of these should then be returned in this field.</p> <p>The Defra conversion factors and guidance to support HEPs in returning this field can be found in the downloadable Excel spreadsheet, under the 'Bioenergy' tab.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CEVB Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions vehicles diesel

Type	field
Short Name	E12CEVD
Description	This field contains data about scope 1 and 2 carbon emissions from diesel used in HEP-owned vehicles. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO2e)
Notes	<p>This conversion will be undertaken by HESA.</p> <p>Total scope 1 and 2 carbon emissions from diesel (retail station biofuel blend) (litres) used in vehicles owned or leased by the HEP.</p> <p>The Defra conversion factors and guidance provide the conversion factor that will be used for Fuel used in HEP owned vehicles diesel as well as supplemental information.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CEVD Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions vehicles liquefied petroleum gas

Type	field
Short Name	E12CEVLG
Description	This field contains data about scope 1 and 2 carbon emissions from liquefied petroleum gas used in HEP-owned vehicles. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO ₂ e)
Notes	<p>This conversion will be undertaken by HESA.</p> <p>Total scope 1 and 2 carbon emissions from liquefied petroleum gas (litres) used in vehicles owned or leased by the HEP.</p> <p>The Defra conversion factors and guidance provide the conversion factor that will be used for Fuel used in HEP owned vehicles liquefied petroleum gas as well as supplemental information.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CEVLG Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 1 and 2 carbon emissions vehicles petrol

Type	field
Short Name	E12CEVPE
Description	This field contains data about scope 1 and 2 carbon emissions from petrol used in HEP-owned vehicles. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO2e)
Notes	<p>This conversion will be undertaken by HESA.</p> <p>Total scope 1 and 2 carbon emissions from petrol (retail station biofuel blend) (litres) used in vehicles owned or leased by the HEP.</p> <p>The Defra conversion factors and guidance provide the conversion factor that will be used for Fuel used in HEP owned vehicles petrol as well as supplemental information.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For advice to Government, monitoring progress towards sector carbon targets and for use in producing Capital Investment Framework (CIF) metrics.
Part Of	Scope 1 and 2 carbon emissions - D38c
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12CEVPE Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Total scope 1 and 2 carbon emissions

Type	field
Short Name	E12CET
Description	This field contains data about the total scope 1 and 2 carbon emissions for the whole estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Kilograms of equivalent carbon dioxide (kg CO2e)
Notes	<p>Total scope 1 and 2 carbon emissions for the whole estate.</p> <p>Scope 1 and 2 carbon emissions from vehicles must be excluded from both Non-residential scope 1 and 2 carbon emissions total and Residential scope 1 and 2 carbon emissions total. A vehicle should not be given a non-residential or residential distinction for the purposes of the Estates management record. This ensures that the scope 1 and 2 carbon emissions from vehicles are not double counted within Total scope 1 and 2 carbon emissions.</p> <p>Sum total of Scope 1 and 2 carbon emissions grid electricity, Scope 1 and 2 carbon emissions biofuels, Scope 1 and 2 carbon emissions burning oil, Scope 1 and 2 carbon emissions compressed natural gas, Scope 1 and 2 carbon emissions coal (industrial), Scope 1 and 2 carbon emissions fuel oil, Scope 1 and 2 carbon emissions gas oil, Scope 1 and 2 carbon emissions liquefied natural gas, Scope 1 and 2 carbon emissions liquefied petroleum gas, Scope 1 and 2 carbon emissions lubricants, Scope 1 and 2 carbon emissions natural gas , Scope 1 and 2 carbon emissions other petroleum gas, Scope 1 and 2 carbon emissions petroleum coke, Scope 1 and 2 carbon emissions biomass, Scope 1 and 2 carbon emissions onsite photovoltaic, Scope 1 and 2 carbon emissions onsite wind, Scope 1 and 2 carbon emissions steam and hot water, Scope 1 and 2 carbon emissions other onsite renewables, Scope 1 and 2 carbon emissions vehicles aviation spirit, Scope 1 and 2 carbon emissions vehicles aviation turbine fuel, Scope 1 and 2 carbon emissions vehicles biofuels, Scope 1 and 2 carbon emissions vehicles diesel, Scope 1 and 2 carbon emissions vehicles liquefied petroleum gas, and Scope 1 and 2 carbon emissions vehicles petrol.</p> <p>This field is calculated from the sum of each scope 1 and 2 carbon emission constituent as well as each of the scope 1 and 2 vehicle emissions (as listed above). It is anticipated that each of these emissions would have a residential and non-residential split (where applicable), therefore the expected total should match the sum total of Non-residential scope 1 and 2 carbon emissions total, Residential scope 1 and 2 carbon emissions total, Scope 1 and 2 carbon emissions vehicles aviation spirit, Scope 1 and 2 carbon emissions vehicles aviation turbine fuel, Scope 1 and 2 carbon emissions vehicles biofuels, Scope 1 and 2 carbon emissions vehicles diesel, Scope 1 and 2 carbon emissions vehicles liquefied petroleum gas, and Scope 1 and 2 carbon emissions vehicles petrol. In diagram form, this would translate as follows:</p>

Scope 3 carbon emissions from business travel

Type	entity
Short Name	Scope3CarbonEmissionsFromBusinessTravel
Description	The fields in this entity contain data about scope 3 carbon emissions from business travel.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>This is scope 3 emissions in total greenhouse gas emissions (tonnes) from business travel that is paid for by the HEP and undertaken by academic and support staff and by students. For example, this could include travel undertaken by academics to attend conferences or events, support staff meeting with suppliers or students travelling to fulfil course requirements.</p> <p>The emissions from business travel that is paid for by a third party should not be included within the HEP scope 3 travel emissions reporting. Similarly, business travel that is paid for by students independently should also be excluded.</p> <p>Following the 2008 Climate Change Act, the UK government bodies and Higher Education Funding Councils developed strategies for reducing carbon emissions in higher education. These include a commitment to consistency in the reporting of Scope 3 data, which lead to the voluntary collection of scope 3 emissions through the Estates Management record. For consistency across the sector, HEFCE have provided guidance on measuring scope 3 carbon emissions. Further details of policies on reducing carbon emissions by country can be found below.</p> <p>England - Carbon reduction target and strategy for higher education in England.</p> <p>Wales - Carbon Management Policy.</p> <p>Scotland - Public Sector Sustainability Reporting Guidance.</p> <p>Northern Ireland - Carbon Reduction.</p> <p>Identifying scope 1 and scope 3 travel emissions</p> <p>In order to avoid double counting, scope 1 travel emissions need to be identified and reported separately from scope 3 travel emissions. Scope 1 travel emissions should be provided under Scope 1 and 2 carbon emissions.</p> <p>Determining the scope of emissions from HEP travel will depend on a range of factors including:</p> <ul style="list-style-type: none"> • the type of travel being undertaken (e.g. if it is business travel or commuter travel) • whether the mode of transport is owned or leased by the HEP • how the transport asset has been accounted for by the HEP <p>Business travel emissions resulting from the use of any mode of transport that is not owned or leased by a HEP, and virtually all modes of commuter travel, should be</p>

	<p>recorded as scope 3 emissions.</p> <p>Scope 1 travel emissions may include those generated by academics, support staff or students travelling for business purposes using modes of transport that are owned or leased by a HEP. Modes of transport that are owned by an HEP and used for business travel should always be recorded as scope 1 emissions, whilst the scope of emissions from leased modes of transport used for business purposes will depend on how the asset has been accounted for. Leased modes of transport used for business purposes will be recorded as either scope 1 or scope 3 emissions.</p> <p>Emission conversion factors</p> <p>Prior to the 2011/12 Estates Management Statistics record, the conversion factor used was based on carbon dioxide (CO₂) per unit. However, from the 2011/12 Estates Management Statistics record onwards, the alternative Defra measure of equivalent carbon dioxide (CO₂e) is used instead. This change accounts for additional Greenhouse Gases, including CH₄ and N₂O.</p> <p>The Defra conversion factors and guidance provide the conversion factors as well as supplemental information. Furthermore, HEFCE scope 3 carbon emissions guidance was commissioned to help the higher education sector in measuring and reporting scope 3 carbon emissions.</p> <p>Calculating emissions</p> <p>To calculate emissions from different modes of travel multiply activity data (e.g. fuel used or distance travelled) by the appropriate conversion factor.</p> <p>Emissions can be calculated using fuel consumption data or distance travelled data. Distance travelled data uses average emission factors for different modes of transport and is not as accurate as fuel consumption data.</p> <p>For public transport (like rail travel) emissions are reported on a per passenger kilometre basis, rather than per vehicle kilometre (which is how emissions from motor cars or vans are reported). HEPs should use the most accurate emission conversion factors possible based on the data that they have available.</p>
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Scope 3 carbon emissions from business travel air (E3CEBTA)</p> <p>Scope 3 carbon emissions from business travel rail (E3CEBTR)</p> <p>Scope 3 carbon emissions from business travel grey fleet (E3CEBTGF)</p> <p>Scope 3 carbon emissions from business travel leased pools cars (E3CEBTLC)</p> <p>Scope 3 carbon emissions from business travel company cars (E3CEBTCC)</p> <p>Scope 3 carbon emissions from business travel leased motorcycles or mopeds (E3CEBTLM)</p> <p>Scope 3 carbon emissions from business travel leased vans (E3CEBTLV)</p> <p>Scope 3 carbon emissions from business travel leased buses (E3CEBTLB)</p> <p>Scope 3 carbon emissions from business travel public bus (E3CEBTPB)</p> <p>Scope 3 carbon emissions from business travel underground (E3CEBTU)</p>

	Scope 3 carbon emissions from business travel tram (E3CEBTT) Scope 3 carbon emissions from business travel taxi (E3CEBTTX) Scope 3 carbon emissions from business travel coach (E3CEBTC) Scope 3 carbon emissions from business travel ferry (E3CEBTF)
Owner	HESA
Version	1.0

Scope 3 carbon emissions from business travel air

Type	field
Short Name	E3CEBTA
Description	This field contains data about the scope 3 carbon emissions from air travel (domestic, short haul and international). The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 business travel greenhouse gas emissions (tonnes) from air travel (domestic, short haul and international).
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from business travel
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CEBTA Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from business travel coach

Type	field
Short Name	E3CEBTC
Description	This field contains data about the scope 3 carbon emissions from coaches. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 business travel greenhouse gas emissions (tonnes) from coaches.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from business travel
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CEBTC Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from business travel company cars

Type	field
Short Name	E3CEBTCC
Description	This field contains data about the scope 3 carbon emissions from company cars. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 business travel greenhouse gas emissions (tonnes) from company cars classed as scope 3 travel emissions.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from business travel
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CEBTCC Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from business travel ferry

Type	field
Short Name	E3CEBTF
Description	This field contains data about the business travel scope 3 carbon emissions of an higher education provider (HEP) from ferries. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 business travel greenhouse gas emissions (tonnes) from ferries.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from business travel
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CEBTF Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from business travel grey fleet

Type	field
Short Name	E3CEBTGF
Description	This field contains data about the scope 3 carbon emissions from grey fleet (individuals reimbursed for using their private vehicles). The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 business travel greenhouse gas emissions (tonnes) from grey fleet (individuals reimbursed for using their private vehicles).
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from business travel
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CEBTGF Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from business travel leased buses

Type	field
Short Name	E3CEBTLB
Description	This field contains data about the scope 3 carbon emissions from leased buses. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 business travel greenhouse gas emissions (tonnes) from leased buses classed as scope 3 travel emissions.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from business travel
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CEBTLB Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from business travel leased motorcycles or mopeds

Type	field
Short Name	E3CEBTLM
Description	This field contains data about the scope 3 carbon emissions from leased motorcycles or mopeds. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 business travel greenhouse gas emissions (tonnes) from leased motorcycles or mopeds classed as scope 3 emissions.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from business travel
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CEBTLM Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from business travel leased pools cars

Type	field
Short Name	E3CEBTLC
Description	This field contains data about the scope 3 carbon emissions from leased pools cars. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 business travel greenhouse gas emissions (tonnes) from leased pools cars classed as scope 3 travel emissions.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from business travel
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CEBTLC Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from business travel leased vans

Type	field
Short Name	E3CEBTLV
Description	This field contains data about the scope 3 carbon emissions from leased vans. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 business travel greenhouse gas emissions (tonnes) from leased vans classed as scope 3 travel emissions.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from business travel
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CEBTLV Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from business travel public bus

Type	field
Short Name	E3CEBTPB
Description	This field contains data about the scope 3 carbon emissions from public bus. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 business travel greenhouse gas emissions (tonnes) from public bus.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from business travel
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CEBTPB Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from business travel rail

Type	field
Short Name	E3CEBTR
Description	This field contains data about the scope 3 carbon emissions from rail travel (domestic and international). The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 business travel greenhouse gas emissions (tonnes) from rail travel (domestic and international).
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from business travel
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CEBTR Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from business travel taxi

Type	field
Short Name	E3CEBTTX
Description	This field contains data about the scope 3 carbon emissions from taxis. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 business travel greenhouse gas emissions (tonnes) from taxis.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from business travel
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CEBTTX Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from business travel tram

Type	field
Short Name	E3CEBTT
Description	This field contains data about the scope 3 carbon emissions of an higher education provider (HEP) from trams. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 business travel greenhouse gas emissions (tonnes) from trams.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from business travel
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CEBTT Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from business travel underground

Type	field
Short Name	E3CEBTU
Description	This field contains data about the scope 3 carbon emissions from underground. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 business travel greenhouse gas emissions (tonnes) from underground.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from business travel
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CEBTU Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from staff commuting

Type	entity
Short Name	Scope3CarbonEmissionsFromStaffCommuting
Description	The fields in this entity contain data about scope 3 carbon emissions from staff commuting.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>This is scope 3 emissions in total greenhouse gas emissions (tonnes) from academic and support staff travelling to and from their home address to the HEP.</p> <p>It is anticipated that scope 3 commuter travel emissions data may not be readily available on an annual basis. It is therefore currently acceptable for HEPs to use travel survey data from within the previous two years.</p> <p>Following the 2008 Climate Change Act, the UK government bodies and Higher Education Funding Councils developed strategies for reducing carbon emissions in higher education. These include a commitment to consistency in the reporting of Scope 3 data, which lead to the voluntary collection of scope 3 emissions through the Estates Management record. For consistency across the sector, HEFCE have provided guidance on measuring scope 3 carbon emissions. Further details of policies on reducing carbon emissions by country can be found below.</p> <p>England - Carbon reduction target and strategy for higher education in England.</p> <p>Wales - Carbon Management Policy.</p> <p>Scotland - Public Sector Sustainability Reporting Guidance.</p> <p>Northern Ireland - Carbon Reduction.</p> <p>Identifying scope 1 and scope 3 travel emissions</p> <p>In order to avoid double counting, scope 1 travel emissions need to be identified and reported separately from scope 3 travel emissions. Scope 1 travel emissions should be provided under Scope 1 and 2 carbon emissions.</p> <p>Determining the scope of emissions from HEP travel will depend on a range of factors including:</p> <ul style="list-style-type: none"> • the type of travel being undertaken (e.g. if it is business travel or commuter travel), • whether the mode of transport is owned or leased by the HEP, • how the transport asset has been accounted for by the HEP. <p>Business travel emissions resulting from the use of any mode of transport that is not owned or leased by a HEP, and virtually all modes of commuter travel, should be recorded as scope 3 emissions.</p> <p>Scope 1 travel emissions may include those generated by academics, support staff or</p>

	<p>students travelling for business purposes using modes of transport that are owned or leased by a HEP. Modes of transport that are owned by an HEP and used for business travel should always be recorded as scope 1 emissions, whilst the scope of emissions from leased modes of transport used for business purposes will depend on how the asset has been accounted for. Leased modes of transport used for business purposes will be recorded as either scope 1 or scope 3 emissions.</p> <p>Emission conversion factors</p> <p>Prior to the 2011/12 Estates Management Statistics record, the conversion factor used was based on carbon dioxide (CO₂) per unit. However, from the 2011/12 Estates Management Statistics record onwards, the alternative Defra measure of equivalent carbon dioxide (CO₂e) is used instead. This change accounts for additional Greenhouse Gases, including CH₄ and N₂O.</p> <p>The Defra conversion factors and guidance provide the conversion factors as well as supplemental information. Furthermore, HEFCE scope 3 carbon emissions guidance was commissioned to help the higher education sector in measuring and reporting scope 3 carbon emissions.</p> <p>Calculating emissions</p> <p>To calculate emissions from different modes of travel multiply activity data (e.g. fuel used or distance travelled) by the appropriate conversion factor.</p> <p>Emissions can be calculated using fuel consumption data or distance travelled data. Distance travelled data uses average emission factors for different modes of transport and is not as accurate as fuel consumption data.</p> <p>For public transport (like rail travel) emissions are reported on a per passenger kilometre basis, rather than per vehicle kilometre (which is how emissions from motor cars or vans are reported). HEPs should use the most accurate emission conversion factors possible based on the data that they have available.</p>
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Scope 3 carbon emissions from staff commuting by air (E3CESCA) Scope 3 carbon emissions from staff commuting by rail (E3CESCR) Scope 3 carbon emissions from staff commuting by trams (E3CESCT) Scope 3 carbon emissions from staff commuting by underground (E3CESCU) Scope 3 carbon emissions from staff commuting by public bus (E3CESCPB) Scope 3 carbon emissions from staff commuting by coach (E3CESCC) Scope 3 carbon emissions from staff commuting by car (E3CESCCA) Scope 3 carbon emissions from staff commuting by taxi (E3CESCTX) Scope 3 carbon emissions from staff commuting by motorcycle or moped (E3CESCM) Scope 3 carbon emissions from staff commuting by ferry (E3CESCF)
Owner	HESA
Version	1.0

Scope 3 carbon emissions from staff commuting by air

Type	field
Short Name	E3CESCA
Description	This field contains data about scope 3 carbon emissions from staff commuting by air (domestic, short haul and international). The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 commuter (academic and support staff) travel greenhouse gas emissions (tonnes) from air travel (domestic, short haul and international).
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from staff commuting
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CESCA Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from staff commuting by car

Type	field
Short Name	E3CESCCA
Description	This field contains data about scope 3 carbon emissions from staff commuting by car. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 commuter (academic and support staff) travel greenhouse gas emissions (tonnes) from car.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from staff commuting
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CESCCA Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from staff commuting by coach

Type	field
Short Name	E3CESCC
Description	This field contains data about scope 3 carbon emissions from staff commuting by coach. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 commuter (academic and support staff) travel greenhouse gas emissions (tonnes) from coach.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from staff commuting
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CESCC Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from staff commuting by ferry

Type	field
Short Name	E3CESCF
Description	This field contains data about scope 3 carbon emissions from staff commuting by ferry. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 commuter (academic and support staff) travel greenhouse gas emissions (tonnes) from ferry.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from staff commuting
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CESCF Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from staff commuting by motorcycle or moped

Type	field
Short Name	E3CESCM
Description	This field contains data about scope 3 carbon emissions from staff commuting by motorcycle or moped. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 commuter (academic and support staff) travel greenhouse gas emissions (tonnes) from motorcycle or moped.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from staff commuting
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CESCM Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from staff commuting by public bus

Type	field
Short Name	E3CESCPB
Description	This field contains data about scope 3 carbon emissions from staff commuting by public bus. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 commuter (academic and support staff) travel greenhouse gas emissions (tonnes) from public bus.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from staff commuting
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CESCPB Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from staff commuting by rail

Type	field
Short Name	E3CESCR
Description	This field contains data about scope 3 carbon emissions from staff commuting by rail (domestic and international). The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 commuter (academic and support staff) travel greenhouse gas emissions (tonnes) from rail travel (domestic and international).
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from staff commuting
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CESCR Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from staff commuting by taxi

Type	field
Short Name	E3CESCTX
Description	This field contains data about scope 3 carbon emissions from staff commuting by taxi. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 commuter (academic and support staff) travel greenhouse gas emissions (tonnes) from taxi.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from staff commuting
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CESCTX Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from staff commuting by trams

Type	field
Short Name	E3CESCT
Description	This field contains data about scope 3 carbon emissions from staff commuting by tram. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 commuter (academic and support staff) travel greenhouse gas emissions (tonnes) from trams.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from staff commuting
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CESCT Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from staff commuting by underground

Type	field
Short Name	E3CESCU
Description	This field contains data about the scope 3 carbon emissions from staff commuting by underground. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 commuter (academic and support staff) travel greenhouse gas emissions (tonnes) from underground.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from staff commuting
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CESCU Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from student commuting

Type	entity
Short Name	Scope3CarbonEmissionsFromStudentCommuting
Description	The fields in this entity contain data about scope 3 carbon emissions from student commuting.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>This is scope 3 emissions in total greenhouse gas emissions (tonnes) from students travelling to and from their home (term-time only) address to the HEP. Where students are on study/work placement the location of the placement should be used.</p> <p>It is anticipated that scope 3 commuter travel emissions data may not be readily available on an annual basis. It is therefore currently acceptable for HEPs to use travel survey data from within the previous two years.</p> <p>Following the 2008 Climate Change Act, the UK government bodies and Higher Education Funding Councils developed strategies for reducing carbon emissions in higher education. These include a commitment to consistency in the reporting of Scope 3 data, which lead to the voluntary collection of scope 3 emissions through the Estates Management record. For consistency across the sector, HEFCE have provided guidance on measuring scope 3 carbon emissions. Further details of policies on reducing carbon emissions by country can be found below.</p> <p>England - Carbon reduction target and strategy for higher education in England.</p> <p>Wales - Carbon Management Policy.</p> <p>Scotland - Public Sector Sustainability Reporting Guidance.</p> <p>Northern Ireland - Carbon Reduction.</p> <p>Identifying scope 1 and scope 3 travel emissions</p> <p>In order to avoid double counting, scope 1 travel emissions need to be identified and reported separately from scope 3 travel emissions. Scope 1 travel emissions should be provided under Scope 1 and 2 carbon emissions.</p> <p>Determining the scope of emissions from HEP travel will depend on a range of factors including:</p> <ul style="list-style-type: none"> • the type of travel being undertaken (e.g. if it is business travel or commuter travel), • whether the mode of transport is owned or leased by the HEP, • how the transport asset has been accounted for by the HEP. <p>Business travel emissions resulting from the use of any mode of transport that is not owned or leased by a HEP, and virtually all modes of commuter travel, should be recorded as scope 3 emissions.</p>

	<p>Scope 1 travel emissions may include those generated by academics, support staff or students travelling for business purposes using modes of transport that are owned or leased by a HEP. Modes of transport that are owned by an HEP and used for business travel should always be recorded as scope 1 emissions, whilst the scope of emissions from leased modes of transport used for business purposes will depend on how the asset has been accounted for. Leased modes of transport used for business purposes will be recorded as either scope 1 or scope 3 emissions.</p> <p>Emission conversion factors</p> <p>Prior to the 2011/12 Estates Management Statistics record, the conversion factor used was based on carbon dioxide (CO₂) per unit. However, from the 2011/12 Estates Management Statistics record onwards, the alternative Defra measure of equivalent carbon dioxide (CO₂e) is used instead. This change accounts for additional Greenhouse Gases, including CH₄ and N₂O.</p> <p>The Defra conversion factors and guidance provide the conversion factors as well as supplemental information. Furthermore, HEFCE scope 3 carbon emissions guidance was commissioned to help the higher education sector in measuring and reporting scope 3 carbon emissions.</p> <p>Calculating emissions</p> <p>To calculate emissions from different modes of travel multiply activity data (e.g. fuel used or distance travelled) by the appropriate conversion factor.</p> <p>Emissions can be calculated using fuel consumption data or distance travelled data. Distance travelled data uses average emission factors for different modes of transport and is not as accurate as fuel consumption data.</p> <p>For public transport (like rail travel) emissions are reported on a per passenger kilometre basis, rather than per vehicle kilometre (which is how emissions from motor cars or vans are reported). HEPs should use the most accurate emission conversion factors possible based on the data that they have available.</p>
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Scope 3 carbon emissions from students commuting by air (E3CESTA)</p> <p>Scope 3 carbon emissions from students commuting by rail (E3CESTR)</p> <p>Scope 3 carbon emissions from students commuting by trams (E3CESTT)</p> <p>Scope 3 carbon emissions from students commuting by underground (E3CESTU)</p> <p>Scope 3 carbon emissions from students commuting by public bus (E3CESTPB)</p> <p>Scope 3 carbon emissions from students commuting by coach (E3CESTCC)</p> <p>Scope 3 carbon emissions from students commuting by car (E3CESTCA)</p> <p>Scope 3 carbon emissions from students commuting by taxi (E3CESTTX)</p> <p>Scope 3 carbon emissions from students commuting by motorcycle or moped (E3CESTM)</p> <p>Scope 3 carbon emissions from students commuting by ferry (E3CESTF)</p>
Owner	HESA

Version	1.0
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Scope 3 carbon emissions from students commuting by air

Type	field
Short Name	E3CESTA
Description	This field contains data about scope 3 carbon emissions from students commuting by air (domestic, short-haul and international). The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 commuter (student) travel greenhouse gas emissions (tonnes) from air travel (domestic, short haul and international).
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from student commuting
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CESTA Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from students commuting by car

Type	field
Short Name	E3CESTCA
Description	This field contains data about scope 3 carbon emissions from students commuting by car. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 commuter (student) travel greenhouse gas emissions (tonnes) from car.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from student commuting
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CESTCA Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from students commuting by coach

Type	field
Short Name	E3CESTCC
Description	This field contains data about scope 3 carbon emissions from students commuting by coach. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 commuter (student) travel greenhouse gas emissions (tonnes) from coach.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from student commuting
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CESTCC Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from students commuting by ferry

Type	field
Short Name	E3CESTF
Description	This field contains data about scope 3 carbon emissions from students commuting by ferry. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 commuter (student) travel greenhouse gas emissions (tonnes) from ferry.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from student commuting
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CESTF Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from students commuting by motorcycle or moped

Type	field
Short Name	E3CESTM
Description	This field contains data about scope 3 carbon emissions from students commuting by motorcycle or moped. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 commuter (student) travel greenhouse gas emissions (tonnes) from motorcycle or moped.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from student commuting
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CESTM Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from students commuting by public bus

Type	field
Short Name	E3CESTPB
Description	This field contains data about scope 3 carbon emissions from students commuting by public bus. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 commuter (student) travel greenhouse gas emissions (tonnes) from public bus.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from student commuting
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CESTPB Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from students commuting by rail

Type	field
Short Name	E3CESTR
Description	This field contains data about scope 3 carbon emissions from students commuting by rail (domestic and international). The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 commuter (student) travel greenhouse gas emissions (tonnes) from rail travel (domestic and international).
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from student commuting
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CESTR Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from students commuting by taxi

Type	field
Short Name	E3CESTTX
Description	This field contains data about scope 3 carbon emissions from students commuting by taxi. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 commuter (student) travel greenhouse gas emissions (tonnes) from taxi.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from student commuting
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CESTTX Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from students commuting by trams

Type	field
Short Name	E3CESTT
Description	This field contains data about scope 3 carbon emissions of an higher education provider's (HEP's) students commuting by trams. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 commuter (student) travel greenhouse gas emissions (tonnes) from trams.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from student commuting
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CESTT Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from students commuting by underground

Type	field
Short Name	E3CESTU
Description	This field contains data about scope 3 carbon emissions from students commuting by underground. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO2e)
Notes	Total scope 3 commuter (student) travel greenhouse gas emissions (tonnes) from underground.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from student commuting
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CESTU Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from supply chain

Type	entity
Short Name	Scope3CarbonEmissionsFromSupplyChain
Description	The fields in this entity contain data about the scope 3 carbon emissions from supply chain.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>These are scope 3 emissions in total greenhouse gas emissions (tonnes) associated with the supply chain. Supply emissions calculated through a purchasing consortium that overlap with other reported supply chain emissions should not be returned to avoid the double counting of these scope 3 carbon emissions.</p> <p>Exclude emissions relating to commercial space.</p> <p>Following the 2008 Climate Change Act, the UK government bodies and Higher Education Funding Councils developed strategies for reducing carbon emissions in higher education. These include a commitment to consistency in the reporting of Scope 3 data, which lead to the voluntary collection of scope 3 emissions through the Estates Management record. For consistency across the sector, HEFCE have provided guidance on measuring scope 3 carbon emissions. Further details of policies on reducing carbon emissions by country can be found below.</p> <p>England - Carbon reduction target and strategy for higher education in England.</p> <p>Wales - Carbon Management Policy.</p> <p>Scotland - Public Sector Sustainability Reporting Guidance.</p> <p>Northern Ireland - Carbon Reduction.</p> <p>Identifying scope 3 supply chain emissions</p> <p>The scope 3 supply chain reporting framework uses data submitted by HEPs through the Annual Returns Database (ARD) to the Regional Purchasing Consortia. The ARD collects all spend data. The English consortia will use this data to create a scope 3 emissions report for each English HEP. HEPs may use the data from this scope 3 report from the purchasing consortia data for their Estates management submission.</p> <p>Emission conversion factors</p> <p>Prior to the 2011/12 Estates Management Statistics record, the conversion factor used was based on carbon dioxide (CO₂) per unit. However, from the 2011/12 Estates Management Statistics record onwards, the alternative Defra measure of equivalent carbon dioxide (CO₂e) is used instead. This change accounts for additional Greenhouse Gases, including CH₄ and N₂O.</p> <p>The Defra conversion factors and guidance provide the conversion factors as well as</p>

	supplemental information. Furthermore, HEFCE scope 3 carbon emissions guidance was commissioned to help the higher education sector in measuring and reporting scope 3 carbon emissions.
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Scope 3 carbon emissions from supply chain business services (E3SCBS) Scope 3 carbon emissions from supply chain paper products (E3SCPP) Scope 3 carbon emissions from supply chain other manufactured products (E3SCMP) Scope 3 carbon emissions from supply chain manufactured fuels, chemicals, and gases (E3SCMFCG) Scope 3 carbon emissions from supply chain food and catering (E3SCFC) Scope 3 carbon emissions from supply chain construction (E3SCCON) Scope 3 carbon emissions from supply chain information and communication technologies (E3SCICT) Scope 3 carbon emissions from supply chain waste and water (E3SCWW) Scope 3 carbon emissions from supply chain medical and precision instruments (E3SCMPI) Scope 3 carbon emissions from supply chain other procurement (E3SCOTH) Scope 3 carbon emissions from supply chain unclassified (E3SCUNC)
Owner	HESA
Version	1.0
Date modified	2016-09-01
Change management notes	Additional guidance added to the Notes section, clarifying that supply emissions calculated through a purchasing consortium that overlap with other reported supply chain emissions should not be returned to avoid the double counting of these scope 3 carbon emissions.

Scope 3 carbon emissions from supply chain business services

Type	field
Short Name	E3SCBS
Description	This field contains data about the scope 3 carbon emissions from the supply chain business services. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 greenhouse gas emissions (tonnes) from the supply chain business services.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from supply chain
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3SCBS Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from supply chain construction

Type	field
Short Name	E3SCCON
Description	This field contains data about the scope 3 carbon emissions from the supply chain construction. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 greenhouse gas emissions (tonnes) from the supply chain construction.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from supply chain
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3SCCON Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from supply chain food and catering

Type	field
Short Name	E3SCFC
Description	This field contains data about the scope 3 carbon emissions from the supply chain food and catering. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 greenhouse gas emissions (tonnes) from the supply chain food and catering.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from supply chain
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3SCFC Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from supply chain information and communication technologies

Type	field
Short Name	E3SCICT
Description	This field contains data about the scope 3 carbon emissions from the supply chain information and communication technologies. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 greenhouse gas emissions (tonnes) from the supply chain information and communication technologies.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from supply chain
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3SCICT Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from supply chain manufactured fuels, chemicals, and gases

Type	field
Short Name	E3SCMFCG
Description	This field contains data about the scope 3 carbon emissions from the supply chain manufactured fuels, chemicals, and gases. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 greenhouse gas emissions (tonnes) from the supply chain manufactured fuels, chemicals, and gases.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from supply chain
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3SCMFCG Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from supply chain medical and precision instruments

Type	field
Short Name	E3SCMPI
Description	This field contains data about the scope 3 carbon emissions from the supply chain medical and precision instruments. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 greenhouse gas emissions (tonnes) from supply chain medical and precision instruments.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from supply chain
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3SCMPI Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from supply chain other manufactured products

Type	field
Short Name	E3SCMP
Description	This field contains data about the scope 3 carbon emissions from the supply chain other manufactured products. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 greenhouse gas emissions (tonnes) from the supply chain other manufactured products.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from supply chain
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3SCMP Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from supply chain other procurement

Type	field
Short Name	E3SCOTH
Description	This field contains data about the scope 3 carbon emissions from the supply chain other procurement. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 greenhouse gas emissions (tonnes) from the supply chain other procurement. The Defra conversion factors and guidance provide the conversion factors as well as supplemental information.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from supply chain
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3SCOTH Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from supply chain paper products

Type	field
Short Name	E3SCPP
Description	This field contains data about the scope 3 carbon emissions from the supply chain paper products. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 greenhouse gas emissions (tonnes) from the supply chain paper products.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from supply chain
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3SCPP Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from supply chain unclassified

Type	field
Short Name	E3SCUNC
Description	This field contains data about the scope 3 carbon emissions from the supply chain of unclassified items. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 greenhouse gas emissions (tonnes) from the supply chain of unclassified items.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from supply chain
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3SCUNC Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from supply chain waste and water

Type	field
Short Name	E3SCWW
Description	This field contains data about the scope 3 carbon emissions from the supply chain waste and water. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 greenhouse gas emissions (tonnes) from supply chain waste and water.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from supply chain
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3SCWW Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from waste

Type	entity
Short Name	Scope3CarbonEmissionsFromWaste
Description	The fields in this entity contain data about scope 3 carbon emissions from waste.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>This is scope 3 emissions in total greenhouse gas emissions (tonnes) associated with the production and treatment of waste.</p> <p>Exclude emissions relating to commercial space.</p> <p>Following the 2008 Climate Change Act, the UK government bodies and Higher Education Funding Councils developed strategies for reducing carbon emissions in higher education. These include a commitment to consistency in the reporting of Scope 3 data, which lead to the voluntary collection of scope 3 emissions through the Estates Management record. For consistency across the sector, HEFCE have provided guidance on measuring scope 3 carbon emissions. Further details of policies on reducing carbon emissions by country can be found below.</p> <p>England - Carbon reduction target and strategy for higher education in England.</p> <p>Wales - Carbon Management Policy.</p> <p>Scotland - Public Sector Sustainability Reporting Guidance.</p> <p>Northern Ireland - Carbon Reduction.</p> <p>Identifying scope 3 waste emissions</p> <p>In this context treatment methods include recycling, composting, energy recovery from waste, anaerobic digestion and landfill.</p> <p>The data collection amongst HEPs in relation to waste and recycling data is varied. As a result of this diversity in quantity and quality of waste data a tiered approach is available for HEPs to use internally:</p> <ul style="list-style-type: none"> • basic approach: where waste data is very limited for both residential and non-residential properties • medium approach: where waste data and recycling data is available for non-residential and/or residential buildings • detailed approach: where good quality waste in-house data is available <p>HEPs should identify which approach is most appropriate depending on the quality of available data.</p> <p>To calculate carbon emissions from waste, the waste mass needs to be broken down into the relevant waste fraction and multiplied by their corresponding Defra/DECC life cycle conversion factors for waste treatment and disposal.</p>

	<p>Emission conversion factors</p> <p>Prior to the 2011/12 Estates Management Statistics record, the conversion factor used was based on carbon dioxide (C02) per unit. However, from the 2011/12 Estates Management Statistics record onwards, the alternative Defra measure of equivalent carbon dioxide (C02e) is used instead. This change accounts for additional Greenhouse Gases, including CH4 and N20.</p> <p>The Defra conversion factors and guidance provide the conversion factors as well as supplemental information. Furthermore, HEFCE scope 3 carbon emissions guidance was commissioned to help the higher education sector in measuring and reporting scope 3 carbon emissions.</p> <p>All waste types that have associated conversion factors should be included. Hazardous waste should be excluded as there are no conversion factors available.</p>
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential scope 3 carbon emissions from waste (E3NRCEW) Residential scope 3 carbon emissions from waste (E3RCEW) Total scope 3 carbon emissions from waste (E3CEWT)
Owner	HESA
Version	1.0

Non-residential scope 3 carbon emissions from waste

Type	field
Short Name	E3NRCEW
Description	This field contains data about non-residential scope 3 carbon emissions from waste. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	This figure is for the scope 3 greenhouse gas emissions (tonnes) from waste for the non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from waste
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3NRCEW Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Residential scope 3 carbon emissions from waste

Type	field
Short Name	E3RCEW
Description	This field contains data about residential scope 3 carbon emissions from waste. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	This figure is for the scope 3 greenhouse gas emissions (tonnes) from waste for the residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from waste
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3RCEW Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Total scope 3 carbon emissions from waste

Type	field
Short Name	E3CEWT
Description	This field contains data about total scope 3 carbon emissions from waste. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total scope 3 greenhouse gas emissions (tonnes) from waste for the whole estate. Sum total of Non-residential scope 3 carbon emissions from waste and Residential scope 3 carbon emissions from waste.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Scope 3 carbon emissions from waste
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CEWT Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from wastewater treatment

Type	entity
Short Name	Scope3CarbonEmissionsFromWastewaterTreatment
Description	The field in this entity contains data about scope 3 carbon emissions from wastewater treatment.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>This conversion will be undertaken by HESA.</p> <p>These are scope 3 emissions in total greenhouse gas emissions (tonnes) associated with the treatment of wastewater.</p> <p>HESA will calculate this metric by taking the water consumption figures returned under Volume of wastewater and converting to tonnes of carbon dioxide equivalents using the relevant carbon conversion factor.</p> <p>The waste water consumption figures returned under Volume of wastewater will be added to values reported in Water supply grey water and rain water and Water supply borehole extraction.</p> <p>$\text{GHG wastewater} = (\text{wastewater volume} + \text{grey water volume} + \text{rainwater volume} + \text{borehole extraction water volume}) * \text{CF wastewater}$</p> <p>Following the 2008 Climate Change Act, the UK government bodies and Higher Education Funding Councils developed strategies for reducing carbon emissions in higher education. These include a commitment to consistency in the reporting of Scope 3 data, which lead to the voluntary collection of scope 3 emissions through the Estates Management record. For consistency across the sector, HEFCE have provided guidance on measuring scope 3 carbon emissions. Further details of policies on reducing carbon emissions by country can be found below.</p> <p>England - Carbon reduction target and strategy for higher education in England.</p> <p>Wales - Carbon Management Policy.</p> <p>Scotland - Public Sector Sustainability Reporting Guidance.</p> <p>Northern Ireland - Carbon Reduction.</p> <p>Emission conversion factors</p> <p>Prior to the 2011/12 Estates Management Statistics record, the conversion factor used was based on carbon dioxide (CO₂) per unit. However, from the 2011/12 Estates Management Statistics record onwards, the alternative Defra measure of equivalent carbon dioxide (CO₂e) is used instead. This change accounts for additional Greenhouse Gases, including CH₄ and N₂O.</p>

	The Defra conversion factors and guidance provide the conversion factors as well as supplemental information. Furthermore, HEFCE scope 3 carbon emissions guidance was commissioned to help the higher education sector in measuring and reporting scope 3 carbon emissions.
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Total scope 3 carbon emissions from wastewater treatment (E3CEWWTT)
Owner	HESA
Version	1.0

Total scope 3 carbon emissions from wastewater treatment

Type	field
Short Name	E3CEWWTT
Description	This field contains data about scope 3 carbon emissions from wastewater treatment for the total estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	<p>This conversion will be undertaken by HESA.</p> <p>Total scope 3 greenhouse gas emissions (tonnes) from the treatment of wastewater for the whole estate (kWh).</p> <p>The Defra conversion factors and guidance provide the conversion factor that will be used for the sum total of Total volume of wastewater, Total water supply grey water and rain water, and Total water borehole extraction as well as supplemental information.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for the fields Total volume of wastewater, Total water supply grey water and rain water and Total water borehole extraction to ensure that this mandatory field is calculated correctly.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	Part of the move to mandatory reporting of scope 3 carbon emissions.
Part Of	Scope 3 carbon emissions from wastewater treatment
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CEWWTT Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope 3 carbon emissions from water supply

Type	entity
Short Name	Scope3CarbonEmissionsFromWaterSupply
Description	The fields in this entity contain data about the scope 3 carbon emissions from water supply.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>This conversion will be undertaken by HESA.</p> <p>These are scope 3 emissions in total greenhouse gas emissions (tonnes) associated with the supply of water consumed by the HEP.</p> <p>HESA will calculate this metric by taking the water consumption figures returned under Water consumption and converting to tonnes of carbon dioxide equivalents using the relevant carbon conversion factor.</p> <p>Following the 2008 Climate Change Act, the UK government bodies and Higher Education Funding Councils developed strategies for reducing carbon emissions in higher education. These include a commitment to consistency in the reporting of Scope 3 data, which lead to the voluntary collection of scope 3 emissions through the Estates Management record. For consistency across the sector, HEFCE have provided guidance on measuring scope 3 carbon emissions. Further details of policies on reducing carbon emissions by country can be found below.</p> <p>England - Carbon reduction target and strategy for higher education in England.</p> <p>Wales - Carbon Management Policy.</p> <p>Scotland - Public Sector Sustainability Reporting Guidance.</p> <p>Northern Ireland - Carbon Reduction.</p> <p>Emission conversion factors</p> <p>Prior to the 2011/12 Estates Management Statistics record, the conversion factor used was based on carbon dioxide (C02) per unit. However, from the 2011/12 Estates Management Statistics record onwards, the alternative Defra measure of equivalent carbon dioxide (C02e) is used instead. This change accounts for additional Greenhouse Gases, including CH4 and N20.</p> <p>The Defra conversion factors and guidance provide the conversion factors as well as supplemental information. Furthermore, HEFCE scope 3 carbon emissions guidance was commissioned to help the higher education sector in measuring and reporting scope 3 carbon emissions.</p>
Mandatory for	
Reason Required	

Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential scope 3 carbon emissions from water supply (E3NRCEWS) Residential scope 3 carbon emissions from water supply (E3RCEWS) Total scope 3 carbon emissions from water supply (E3CEWST)
Owner	HESA
Version	1.0

Non-residential scope 3 carbon emissions from water supply

Type	field
Short Name	E3NRCEWS
Description	This field contains data about the scope 3 carbon emissions from water supply for the non-residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	<p>This conversion will be undertaken by HESA</p> <p>This figure is for the scope 3 greenhouse gas emissions (tonnes) from the supply for water of the non-residential estate only.</p> <p>The Defra conversion factors and guidance provide the conversion factor that will be used for Non-residential water consumption as well as supplemental information.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	Part of the move to mandatory reporting of scope 3 carbon emissions.
Part Of	Scope 3 carbon emissions from water supply
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3NRCEWS Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Residential scope 3 carbon emissions from water supply

Type	field
Short Name	E3RCEWS
Description	This field contains data about the scope 3 carbon emissions from water supply for the residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	<p>This conversion will be undertaken by HESA.</p> <p>This figure is for the scope 3 greenhouse gas emissions (tonnes) from the supply of water for the residential estate only.</p> <p>The Defra conversion factors and guidance provide the conversion factor that will be used for Residential water consumption as well as supplemental information.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	Part of the move to mandatory reporting of scope 3 carbon emissions.
Part Of	Scope 3 carbon emissions from water supply
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3RCEWS Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Total scope 3 carbon emissions from water supply

Type	field
Short Name	E3CEWST
Description	This field contains data about the scope 3 carbon emissions of from water supply for the total estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Total energy consumption for the whole estate. Sum total of Non-residential scope 3 carbon emissions from water supply and Residential scope 3 carbon emissions from water supply.
Mandatory for	England Northern Ireland Wales
Reason Required	Part of the move to mandatory reporting of scope 3 carbon emissions.
Part Of	Scope 3 carbon emissions from water supply
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E3CEWST Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Scope1 and 2 emission baseline for 2005

Type	entity
Short Name	Scope1and2EmissionBaselineFor2005
Description	The field in this entity contains data about the scope 1 and 2 emission baseline for 2005.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>HEP's scope 1 and 2 emission baseline in total greenhouse gas emissions (tonnes) for 2005 that the target returned in Total carbon reduction target is set against.</p> <p>Emission conversion factors</p> <p>Prior to the 2011/12 Estates Management Statistics record, the conversion factor used was based on carbon dioxide (CO₂) per unit. However, from the 2011/12 Estates Management Statistics record onwards, the alternative Defra measure of equivalent carbon dioxide (CO₂e) is used instead. This change accounts for additional Greenhouse Gases, including CH₄ and N₂O.</p> <p>The Defra conversion factors and guidance provide the conversion factors as well as supplemental information.</p>
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Total scope 1 and 2 emission baseline for 2005 (E12E2005)
Owner	HESA
Version	1.0

Total scope 1 and 2 emission baseline for 2005

Type	field
Short Name	E12E2005
Description	This field contains data about the scope 1 and 2 emission baseline for 2005. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonnes of equivalent carbon dioxide (t CO ₂ e)
Notes	Scope 1 and 2 emission baseline for 2005 for the whole estate.
Mandatory for	England
Reason Required	For monitoring progress towards sector carbon targets
Part Of	Scope1 and 2 emission baseline for 2005
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: E12E2005 Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Security costs - D61

Type	entity
Short Name	SecurityCosts
Description	The fields in this entity contain data about security costs.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The annual net revenue cost of securing the premise.</p> <p>Exclude costs relating to commercial space.</p> <p>Security incorporates the costs of security contractors and employed staff as well as the regular costs associated with the maintenance of systems (usually in the form of a maintenance contract). Maintenance costs of intruder detection systems such as alarms, detectors, central control and CCTV should be included. Include access control systems, badges/identity cards, access control readers, access control passes, access gates/huts, vehicular access control, uniforms, communication equipment, Tannoy's, loudspeakers, special lighting (both temporary and permanent), security fences and temporary barriers and road blocks. (Costs may need to be re-assigned or apportioned between this definition and Repairs and maintenance costs).</p> <p>Costs for staff that carry out both security and portering duties should be apportioned based on FTE.</p> <p>Exclude complete or partial renewal of systems due to disrepair. Any expenditure incurred as a result of a security breach should be recorded against the relevant category (e.g. Repairs and maintenance costs).</p>
Mandatory for	
Reason Required	
Part Of	Finance
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential security costs (FNRSCO) Residential security costs (FRSCO) Total security costs (FSCOT)
Owner	HESA
Version	1.0

Non-residential security costs

Type	field
Short Name	FNRSCO
Description	This field contains data about the security costs for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the security costs of the non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Security costs - D61
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRSCO Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential security costs

Type	field
Short Name	FRSCO
Description	This field contains data about the security costs for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the security costs of the residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Security costs - D61
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRSCO Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total security costs

Type	field
Short Name	FSCOT
Description	This field contains data about the security costs for the total estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total security costs for the whole estate of the HEP. Sum total of Non-residential security costs and Residential security costs.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Security costs - D61
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FSCOT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Site area - D08

Type	entity
Short Name	SiteArea
Description	The field in this entity contains data about site area.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The total site area of the whole estate, measured in hectares, held by the HEP for its operational purposes. Include the figures in Grounds area, Playing fields area, and all building footprints.</p> <p>Areas related to commercial space should be excluded.</p>
Mandatory for	
Reason Required	
Part Of	Space measurement
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Total site area (SMSAT)
Owner	HESA
Version	1.0

Total site area

Type	field
Short Name	SMSAT
Description	This field contains data about the total site area. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Hectare (ha)
Notes	Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Site area - D08
Field Length	8
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMSAT Data type: LENGTH8DECIMAL3Type
Owner	HESA
Version	1.0

Slipped, tripped, or fell on the same level

Type	entity
Short Name	SlippedTrippedorFellOnTheSameLevel
Description	The fields in this entity contain data about the number of injuries caused by slipping, tripping or falling on the same level.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of injuries caused by slipping, tripping or falling on the same level.</p> <p>Do not include such injuries occurring in commercially let space.</p> <p>Further information on occupational injuries reportable under RIDDOR can be found in the document 'The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995'.</p>
Mandatory for	
Reason Required	
Part Of	Occupational injuries reportable under RIDDOR
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Number of staff injuries from slipping, tripping, or falling on the same level (OSFSTFSL)</p> <p>Number of student injuries from slipping, tripping, or falling on the same level (OSTSLFSL)</p> <p>Number of other persons injuries from slipping, tripping, or falling on the same level (OOTSTFSL)</p>
Owner	HESA
Version	1.0

Number of other persons injuries from slipping, tripping, or falling on the same level

Type	field
Short Name	OOTSTFSL
Description	This field contains data about the number of injuries to persons other than staff and students caused by slipping, tripping or falling on the same level.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to persons other than staff and students caused by slipping, tripping or falling on the same level that occurred on the whole estate of the HEP.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Slipped, tripped, or fell on the same level
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OOTSTFSL Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of staff injuries from slipping, tripping, or falling on the same level

Type	field
Short Name	OSFSTFSL
Description	This field contains data about the number of injuries to staff caused by slipping, tripping or falling on the same level.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to staff caused by slipping, tripping or falling on the same level. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Slipped, tripped, or fell on the same level
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSFSTFSL Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of student injuries from slipping, tripping, or falling on the same level

Type	field
Short Name	OSTSLFSL
Description	This field contains data about the number of injuries to students caused by slipping, tripping or falling on the same level.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to students caused by slipping, tripping or falling on the same level. Figure of the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Slipped, tripped, or fell on the same level
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSTSLFSL Data type: NUMBER3Type
Owner	HESA
Version	1.0

Space charging system - D43

Type	entity
Short Name	SpaceChargingSystem
Description	The field in this entity contains data about the percentage of space charging system recovered.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	As a percentage, indicate from how much of the non-residential estate, excluding any commercial space, is covered by space charging (a number from 0 to 100). Return 0 (zero) if space charging is not recovered at all.
Mandatory for	
Reason Required	
Part Of	Space measurement
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential space charging system (SMNRSCS)
Owner	HESA
Version	1.0

Non-residential space charging system

Type	field
Short Name	SMNRSCS
Description	This field contains data about the percentage of space charging recovered. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	As a percentage, indicate from how much of the non-residential estate, excluding any commercial space, is covered by space charging (a number from 0 to 100). Return 0 (zero) if space charging is not recovered at all.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Space charging system - D43
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMNRSCS Data type: PERCENTType
Owner	HESA
Version	1.0

Space measurement

Type	entity
Short Name	SpaceMeasurement
Description	Data about space management is contained in this entity.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	
Mandatory for	
Reason Required	
Part Of	Estates management
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Site area - D08 Grounds area - D09 Playing fields area - D10 Gross Internal Area - D11 Net Internal Area - D12 Method of floor area measurement - D13 Specialist academic area - D14 Area cleaned - D15 Frequency rate - D16 Occupancy rate - D18 Space utilisation survey area covered - D17 Number of bed spaces - D23 Number of third party bed spaces - D23a Space charging system - D43 Frequency rate calculation - D45 Occupancy rate calculation - D46 Residential space - D99
Owner	HESA
Version	1.0

Space utilisation survey area covered - D17

Type	entity
Short Name	SpaceUtilisationSurveyAreaCovered
Description	The field in this entity contains data about area covered by a Space Utilisation Survey.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The Net Internal Area (NIA) of floor space that the frequency measure provided in Frequency rate Frequency rate relates to. The type of space that is included will be dependent upon the approach adopted by individual HEPs. In other words, the amount of floor space covered by the Space Utilisation Survey may be less than the Teaching not offices NIA.</p> <p>However, the return should only relate to teaching space. This may include standard class rooms (be they centrally controlled or booked, or locally/departmentally managed), lecture theatres/halls, IT classrooms and teaching laboratories. The precise coverage will be dictated by the needs of the HEP, but such a breakdown by type of space is not required as part of this return, only the amount of floor space.</p>
Mandatory for	
Reason Required	
Part Of	Space measurement
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Teaching area covered by the Space Utilisation Survey (SMTESUS)
Owner	HESA
Version	1.0

Teaching area covered by the Space Utilisation Survey

Type	field
Short Name	SMTESUS
Description	This field contains data about the teaching area covered by a Space Utilisation Survey. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	This figure is for the teaching total space covered by the Space Utilisation Survey for the whole estate of the HEP.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Space utilisation survey area covered - D17
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMTESUS Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Specialist academic area - D14

Type	entity
Short Name	SpecialistAcademicArea
Description	The fields in this entity contain data about specialist academic area.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The Net Internal Area (NIA) returned in this entity will be a subset of that returned in Teaching not offices NIA and Research not offices NIA.</p> <p>The total amount of academic floor space (i.e. teaching and research space) that can be classified as 'specialist' in terms of its use for a limited number of academic disciplines i.e. NIA designed for specialist use (either teaching or research) and which cannot easily be used for other non-specialist activities. It includes rooms or facilities with abnormal or exceptional equipment where such a feature inhibits the use of the room for other non-specialist activities, such as general teaching.</p> <p>Types of space included in this category may include laboratories, specialist theatres and drama studios, catering facilities used as part of academic courses, dark rooms, recording studios etc. Exclude all general seminar and classrooms, lecture halls and lecture theatres (raked or non-raked).</p>
Mandatory for	
Reason Required	
Part Of	Space measurement
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Teaching not offices specialist academic area (SMTESAA) Research not offices specialist academic area (SMRESAA) Total specialist academic area (SMSAA)
Owner	HESA
Version	1.0

Research not offices specialist academic area

Type	field
Short Name	SMRESAA
Description	This field contains data about the specialist academic area of other research space (not offices). The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	<p>This figure is for the specialist academic area of other research space (not offices). Include areas dedicated to specific research functions which cannot readily be used for other purposes e.g. dedicated workshops or laboratories.</p> <p>Refer to Research not offices NIA of which this is a sub-set.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Specialist academic area - D14
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMRESAA Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Teaching not offices specialist academic area

Type	field
Short Name	SMTESAA
Description	This field contains data about the specialist academic area of other teaching space (not offices). The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	<p>This figure is for the specialist academic area of other teaching space (not offices). Include areas dedicated to specific teaching functions which cannot readily be used for other purposes e.g. dedicated workshops or laboratories.</p> <p>Refer to Teaching not offices NIA of which this is a sub-set.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Specialist academic area - D14
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMTESAA Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Total specialist academic area

Type	field
Short Name	SMSAA
Description	This field contains data about the total specialist academic area. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Square metre (m ²)
Notes	Total specialist academic area for the whole estate. Sum total of Teaching not offices specialist academic area and Research not offices specialist academic area.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Specialist academic area - D14
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SMSAA Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Specified major injuries

Type	entity
Short Name	SpecifiedMajorInjuries
Description	The fields in this entity contain data about the number of specified injuries.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of specified injuries. Figure for the whole estate.</p> <p>Do not include such incidents that occur in commercially let space.</p> <p>A specified injury is defined as:</p> <ul style="list-style-type: none"> • fractures, other than to fingers, thumbs and toes • amputation of an arm, hand, finger, thumb, leg, foot or toe • any injury likely to lead to permanent loss of sight or reduction in sight in one or both eyes • any crush injury to the head or torso, causing damage to the brain or internal organs • any burn injury (including scalding) which covers more than 10% of the whole body's total surface area or causes significant damage to the eyes, respiratory system or other vital organs • any degree of scalping requiring hospital treatment • any loss of consciousness caused by head injury or asphyxia • any other injury arising from working in an enclosed space which leads to hypothermia or heat-induced illness or requires resuscitation or admittance to hospital for more than 24 hours <p>Further information and guidance on reporting incidents involving injury can be found on the RIDDOR website: Specified injuries to workers'.</p>
Mandatory for	
Reason Required	
Part Of	Incidents involving injury
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Number of staff specified major injuries (INSFMAIJ) Number of student specified major injuries (INSTMAIJ) Number of other persons specified major injuries (INOTMAIJ)
Owner	HESA
Version	1.0

Number of other persons specified major injuries

Type	field
Short Name	INOTMAIJ
Description	This field contains data about the number of specified major injuries to persons other than staff or students.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of specified major injuries to persons other than staff or students. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Specified major injuries
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: INOTMAIJ Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of staff specified major injuries

Type	field
Short Name	INSFMAIJ
Description	This field contains data about the number of specified major injuries to staff.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of specified major injuries to staff. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Specified major injuries
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: INSFMAIJ Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of student specified major injuries

Type	field
Short Name	INSTMAIJ
Description	This field contains data about the number of specified major injuries to students.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of specified major injuries that to students. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Specified major injuries
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: INSTMAIJ Data type: NUMBER3Type
Owner	HESA
Version	1.0

Staff FTE - D05

Type	entity
Short Name	StaffFTE
Description	The fields in this entity contain staff full-time equivalent data.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>This entity identifies the percentage of a full-time equivalent (FTE) year being undertaken by staff according to their contract of employment over the course of the reporting period 1 August to 31 July. FTE is calculated using a population of staff who were active during the reporting period, not just on a given snapshot date. Where a staff member works across multiple functions, e.g. teaching and research, the FTE should be split pro rata between the appropriate data items.</p> <p>Staff are determined to be office based if the HEP has provided them with a workstation capable of being used as a permanent place of work.</p> <p>Staff employed by an external organisation working in a HEPs' space should not be included unless they occupy office space.</p> <p>Visiting academic staff that have no office requirement should be treated in terms of full-time equivalents. For example, a staff member who typically works seven hours each week on a 'standard' 35 hour week should be classed as 0.2 of an FTE.</p> <p>Staff that work in space embedded within hospitals should be excluded from the return. However, staff employed by the HEP should be included under the relevant classification, either on a full or joint contract basis.</p> <p>Distance learning staff should be allocated pro-rata. However, if the proportion of time spent on distance learning is low, all such staff should be included under Teaching staff FTE.</p> <p>The total FTE figure provided in these fields may not match that supplied in the HESA Staff record Contract.FTE field, as the return of non-academic atypical staff are optional from 2012/13 in the HESA Staff record.</p> <p>Further information regarding the definition of the HESA Staff record, and the definition of non-academic atypical staff, can be viewed in the Staff Coverage of the record documentation.</p>
Mandatory for	
Reason Required	
Part Of	Student and staff counts
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Teaching staff FTE (SFFTETE) Research staff FTE (SFFTERE)

	Total teaching and research staff FTE (SFTERET) Support offices staff FTE (SSFTEOF) Support not offices staff FTE (SSFTEOT) Support staff FTE total (SSFTET) Non-residential staff FTE other (SFNRO) Non-residential staff FTE total (SFNRT) Residential staff FTE (SFRFTET) Total staff FTE (SFFTET)
Owner	HESA
Version	1.0

Non-residential staff FTE other

Type	field
Short Name	SFNRO
Description	This field contains non-residential full-time equivalent data for staff other than those who are academic or support staff. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Full-time equivalent (FTE)
Notes	<p>The full-time equivalence (FTE) other staff are defined as those staff who are neither academic nor central support, but who are on the payroll of the HEP. This may include staff who are associated with the 'other' floor space activities described under Non-residential NIA other (e.g. art galleries and museums).</p> <p>Staff who are exclusively concerned with either distance learning students or franchised students (further education (FE) or higher education (HE)) should be returned in this field. Where time is also spent by staff on 'traditional' academic work, the allocation should be based on a pro rata basis.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Staff FTE - D05
Field Length	9
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SFNRO Data type: LENGTH9DECIMAL3Type
Owner	HESA
Version	1.0

Non-residential staff FTE total

Type	field
Short Name	SFNRT
Description	This field contains total non-residential full-time equivalent staff data. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Full-time equivalent (FTE)
Notes	Total non-residential staff full-time equivalence (FTE). Sum total of Total teaching and research staff FTE, Support staff FTE total, and Non-residential staff FTE other.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Staff FTE - D05
Field Length	9
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SFNRT Data type: LENGTH9DECIMAL3Type
Owner	HESA
Version	1.0

Research staff FTE

Type	field
Short Name	SFFTERE
Description	This field contains research staff full-time equivalent data. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Full-time equivalent (FTE)
Notes	<p>The full-time equivalence (FTE) of research staff (including academic support staff) are defined as those staff members involved in research. This includes academic research staff carrying out activities such as consultancy and third mission work (if carried out by this category of academic teaching staff).</p> <p>Academic support staff are those directly linked to the administration of academic departments (managers, secretaries, clerical and other support staff). The staff in this category will relate to those used to compile the Finance record Table 8 UK 'Expenditure by activity and HESA cost centre' Head 1 'Academic departments' and Head 6 'Research grants and contracts'.</p> <p>Academic staff associated with departmental libraries should be included under Teaching staff FTE or Research staff FTE and not under Support staff FTE total as would be required by using the HESA FSR. Include contracted-out staff only where office provision has to be made.</p> <p>Medical school staff who are funded or partially funded by the NHS or equivalent sources, but who are employed by the HEP in some form, should be included under Teaching staff FTE or Research staff FTE.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Staff FTE - D05
Field Length	9
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SFFTERE Data type: LENGTH9DECIMAL3Type
Owner	HESA
Version	1.0

Residential staff FTE

Type	field
Short Name	SFRFTET
Description	This field contains residential full-time equivalent staff data. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Full-time equivalent (FTE)
Notes	<p>The full-time equivalence (FTE) staff allocated to student residences should be returned in this field. These staff relate to those in the Finance record Table 8 UK 'Expenditure by activity and HESA cost centre' Head 5 'Residences and catering operations (including conferences)'.</p> <p>catering staff should not be returned in this field and should be returned under the appropriate support staff FTE field Support offices staff FTE or Support not offices staff FTE.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Staff FTE - D05
Field Length	9
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SFRFTET Data type: LENGTH9DECIMAL3Type
Owner	HESA
Version	1.0

Support not offices staff FTE

Type	field
Short Name	SSFTEOT
Description	This field contains full-time equivalent data for support staff who are not predominantly based in offices. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Full-time equivalent (FTE)
Notes	<p>The full-time equivalence (FTE) of support staff who are not predominantly based in offices (e.g. porters, catering, grounds, maintenance and security staff). Catering staff should be included. Staff allocated to student residences should be excluded.</p> <p>The staff in this field should relate to those used to compile the Finance record Table 8 UK 'Expenditure by activity and HESA cost centre' Head 2 'Total academic services', Head 3 'Administration and central services', Head 4 'Premises', Head 5 'Residences and catering operations (including conferences)', and Head 7 'Other expenditure'. Includes staff working directly for companies providing contract services (e.g. cleaning) to the HEP only where office provision has to be made.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Staff FTE - D05
Field Length	9
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SSFTEOT Data type: LENGTH9DECIMAL3Type
Owner	HESA
Version	1.0

Support offices staff FTE

Type	field
Short Name	SSFTEOF
Description	This field contains full-time equivalent data for support staff who are predominantly based in offices. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Full-time equivalent (FTE)
Notes	<p>The full-time equivalence (FTE) of support staff who are predominantly based in offices (e.g. HEP-wide managers (not in academic departments), secretarial, clerical, telephonists, central library staff). Contracted-out staff should be included where office provision has to be made. Catering staff should be included. Staff allocated to student residences should be excluded.</p> <p>The staff in this field should relate to those used to compile the Finance record Table 8 UK 'Expenditure by activity and HESA cost centre' Head 2 'Total academic services', Head 3 'Administration and central services', Head 4 'Premises', Head 5 'Residences and catering operations (including conferences)', and Head 7 'Other expenditure'. Includes staff working directly for companies providing contract services (e.g. cleaning) to the HEP only where office provision has to be made.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Staff FTE - D05
Field Length	9
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SSFTEOF Data type: LENGTH9DECIMAL3Type
Owner	HESA
Version	1.0

Support staff FTE total

Type	field
Short Name	SSFTET
Description	This field contains total full-time equivalent support staff data. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Full-time equivalent (FTE)
Notes	<p>Total full-time equivalence (FTE) support staff. Sum of Support offices staff FTE and Support not offices staff FTE.</p> <p>The staff in this field should relate to those used to compile the Finance record Table 8 UK 'Expenditure by activity and HESA cost centre' Head 2 'Total academic services', Head 3 'Administration and central services', Head 4 'Premises', Head 5 'Residences and catering operations (including conferences)', and Head 7 'Other expenditure'. Includes staff working directly for companies providing contract services (e.g. cleaning) to the HEP only where office provision has to be made.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Staff FTE - D05
Field Length	9
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SSFTET Data type: LENGTH9DECIMAL3Type
Owner	HESA
Version	1.0

Teaching staff FTE

Type	field
Short Name	SFFTETE
Description	This field contains teaching staff full-time equivalent data. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Full-time equivalent (FTE)
Notes	<p>The full-time equivalence (FTE) of teaching staff (including academic support staff) are defined as those staff members involved in teaching at all levels, i.e. FE, UG, and PG. This includes academic teaching staff carrying out activities such as consultancy and third mission work (if carried out by this category of academic teaching staff).</p> <p>Academic support staff are those directly linked to the administration of academic departments (managers, secretaries, clerical and other support staff). The staff in this category will relate to those used to compile the Finance record Table 8 UK 'Expenditure by activity and HESA cost centre' Head 1 'Academic departments' and Head 6 'Research grants and contracts'.</p> <p>Academic staff associated with departmental libraries should be included under Teaching staff FTE or Research staff FTE and not under Support staff FTE total as would be required by using the HESA FSR. Include contracted-out staff only where office provision has to be made.</p> <p>Medical school staff who are funded or partially funded by the NHS or equivalent sources, but who are employed by the HEP in some form, should be included under Teaching staff FTE or Research staff FTE.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Staff FTE - D05
Field Length	9
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SFFTETE Data type: LENGTH9DECIMAL3Type
Owner	HESA
Version	1.0

Total staff FTE

Type	field
Short Name	SFFTET
Description	This field contains total full-time equivalent staff data. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Full-time equivalent (FTE)
Notes	<p>Total full-time equivalence (FTE) staff. Sum total of Non-residential staff FTE total and Residential staff FTE.</p> <p>Total full-time equivalence (FTE) staff includes all academic, research, support, administrative and technical staff. The staff in this field should relate to those used to compile the Finance record Table 8 UK 'Expenditure by activity and HESA cost centre'</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Staff FTE - D05
Field Length	9
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SFFTET Data type: LENGTH9DECIMAL3Type
Owner	HESA
Version	1.0

Total teaching and research staff FTE

Type	field
Short Name	SFTERET
Description	This field contains total teaching and research staff full-time equivalent data. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Full-time equivalent (FTE)
Notes	Total full-time equivalence (FTE) teaching and research staff (including academic support staff). Sum total of Teaching staff FTE and Research staff FTE.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Staff FTE - D05
Field Length	9
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: SFTERET Data type: LENGTH9DECIMAL3Type
Owner	HESA
Version	1.0

Student and bed space counts

Type	entity
Short Name	StudentBedSpaceCounts
Description	Data about student and bed space counts are contained in this entity.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	
Mandatory for	
Reason Required	
Part Of	Health and Safety
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Number of bed spaces health and safety
Owner	HESA
Version	1.0

Student and staff counts

Type	entity
Short Name	StudentStaffCounts
Description	Data about student and staff counts are contained in this entity.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	
Mandatory for	
Reason Required	
Part Of	Estates management
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Student headcount - D03 Student FTE - D04 Staff FTE - D05 Property management staffing - D37
Owner	HESA
Version	1.0

Student FTE - D04

Type	entity
Short Name	StudentFTE
Description	The fields in this entity contain student full-time equivalent data.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>FTE data represents the HEP's assessment of the full-time equivalence of the student instance during the reporting period 1 August to 31 July. FTE represents student load, rather than headcount or apportioned numbers and is particularly significant for analysing part-time load.</p> <p>Student FTE includes HE and FE students but excludes distance learning and franchise students. It also excludes dormant students, National College for Teaching and Leadership (NCTL) Subject Knowledge Enhancement (SKE) students, those on sabbatical or writing-up.</p>
Mandatory for	
Reason Required	
Part Of	Student and staff counts
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	HESA supplied teaching student FTE (STFTETE) HESA supplied research student FTE (STFTERE) FE student FTE (STFTEFE) Total student FTE (STFTET)
Owner	HESA
Version	1.0

FE student FTE

Type	field
Short Name	STFTEFE
Description	This field contains full-time equivalent data for students engaged in further education study. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Full-time equivalent (FTE)
Notes	The FTE of all active FE student instances registered in the reporting HEP during the reporting period 1 August to 31 July. Franchise and distance learning student numbers should be excluded. FE students are defined as those undertaking a Course.COURSEAIM starting P, Q, R, S or X (i.e. courses which are below higher education level).
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Student FTE - D04
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: STFTEFE Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

HESA supplied research student FTE

Type	field
Short Name	STFTERE
Description	This field contains full-time equivalent data for higher education research students. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Full-time equivalent (FTE)
Notes	<p>This data will be provided by HESA.</p> <p>The full-time equivalence (FTE) of higher education research students as defined for the Student record where Course.COURSEAIM begins D or L.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Student FTE - D04
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: STFTERE Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

HESA supplied teaching student FTE

Type	field
Short Name	STFTETE
Description	This field contains full-time equivalent data for students on higher education taught courses. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Full-time equivalent (FTE)
Notes	<p>This data will be provided by HESA.</p> <p>The full-time equivalence (FTE) of students on higher education (HE) taught courses as defined for the Student record where Course.COURSEAIM begins E, M, H, I, J or C.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Student FTE - D04
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: STFTETE Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Total student FTE

Type	field
Short Name	STFTET
Description	This field contains the total student full-time equivalent data. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Full-time equivalent (FTE)
Notes	<p>This data will be calculated by HESA.</p> <p>The total full-time equivalence (FTE) of all active higher education (HE) and further education (FE) student instances registered in the reporting HEP during the reporting period 1 August to 31 July. This figure excludes distance learning and franchise students. It also excludes dormant students, National College for Teaching and Leadership (NCTL) Subject Knowledge Enhancement (SKE) students, those on sabbatical or writing-up.</p> <p>Sum total of HESA supplied teaching student FTE, HESA supplied research student FTE, and FE student FTE.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Student FTE - D04
Field Length	12
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: STFTET Data type: LENGTH12DECIMAL3Type
Owner	HESA
Version	1.0

Student headcount - D03

Type	entity
Short Name	StudentHeadcount
Description	The fields in this entity contain student headcount data.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The headcount of all active student instances as at 1 December of the reporting period.</p> <p>Student headcount includes HE and FE students but excludes distance learning and franchise students. It also excludes dormant students, National College for Teaching and Leadership (NCTL) Subject Knowledge Enhancement (SKE) students, those on sabbatical or writing-up.</p>
Mandatory for	
Reason Required	
Part Of	Student and staff counts
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>HESA supplied teaching student headcount (STSHTESH)</p> <p>HESA supplied research student headcount (STSHRESH)</p> <p>FE student headcount (STSHFESH)</p> <p>Total student headcount (STSHT)</p>
Owner	HESA
Version	1.0

FE student headcount

Type	field
Short Name	STSHFESH
Description	This field contains the headcount of students engaged in further education study.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	The headcount of all active FE student instances registered in the reporting HEP as at 1 December of the reporting period. Distance learning and franchise students should be excluded. FE students are defined as those undertaking a Course.COURSEAIM starting P, Q, R, S or X (i.e. courses which are below higher education level).
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Student headcount - D03
Field Length	8
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: STSHFESH Data type: NUMBER8Type
Owner	HESA
Version	1.0

HESA supplied research student headcount

Type	field
Short Name	STSHRESH
Description	This field contains the headcount of higher education research students.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>This data will be provided by HESA.</p> <p>The headcount of higher education (HE) research students as defined for the Student record where Course.COURSEAIM begins D or L.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Student headcount - D03
Field Length	8
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: STSHRESH Data type: NUMBER8Type
Owner	HESA
Version	1.0

HESA supplied teaching student headcount

Type	field
Short Name	STSHTESH
Description	This field contains the headcount of students on higher education taught courses.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>This data will be provided by HESA.</p> <p>The headcount of students on higher education (HE) taught courses as defined for the Student record where Course.COURSEAIM begins E, M, H, I, J or C.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Student headcount - D03
Field Length	8
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: STSHTESH Data type: NUMBER8Type
Owner	HESA
Version	1.0

Total student headcount

Type	field
Short Name	STSHT
Description	This field contains the total student headcount.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>This data will be calculated by HESA.</p> <p>The headcount of all active higher education (HE) and further education (FE) student instances as at 1 December of the reporting period. This figure excludes distance learning and franchise students. It also excludes dormant students, National College for Teaching and Leadership (NCTL) Subject Knowledge Enhancement (SKE) students, those on sabbatical or writing-up.</p> <p>Sum total of HESA supplied teaching student headcount, HESA supplied research student headcount, and FE student headcount.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Student headcount - D03
Field Length	8
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: STSHT Data type: NUMBER8Type
Owner	HESA
Version	1.0

Tenure - D19

Type	entity
Short Name	Tenure
Description	The fields in this entity contain data about tenure.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>Report the proportion of Total NIA (excluding commercial space) under the HEP's direct management which is:</p> <ul style="list-style-type: none"> • held freehold, • held on an original lease with a term of 25 years or more (long leasehold), • held on an original lease with a term of less than 25 years (leasehold), • held on a licence or through an informal agreement. Include NHS space within the HEP's estate under this heading.
Mandatory for	
Reason Required	
Part Of	Buildings and functionality
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential tenure freehold (BNRTF) Non-residential tenure long leasehold (BNRTLL) Non-residential tenure leasehold (BNRTLE) Non-residential tenure licence (BNRTLII) Residential tenure freehold (BRTF) Residential tenure long leasehold (BRTLL) Residential tenure leasehold (BRTLE) Residential tenure licence (BRTLII)
Owner	HESA
Version	1.0

Non-residential tenure freehold

Type	field
Short Name	BNRTF
Description	This field contains data about non-residential tenure held freehold. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Percentage freehold tenure of the non-residential estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Tenure - D19
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRTF Data type: PERCENTType
Owner	HESA
Version	1.0

Non-residential tenure leasehold

Type	field
Short Name	BNRTLE
Description	This field contains data about non-residential tenure held leasehold. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Percentage leasehold tenure of the non-residential estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Tenure - D19
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRTLE Data type: PERCENTType
Owner	HESA
Version	1.0

Non-residential tenure licence

Type	field
Short Name	BNRTL
Description	This field contains data about non-residential tenure held on a license. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Percentage licence tenure of the non-residential estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Tenure - D19
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRTL Data type: PERCENTType
Owner	HESA
Version	1.0

Non-residential tenure long leasehold

Type	field
Short Name	BNRTLL
Description	This field contains data about non-residential tenure held long leasehold. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Percentage long leasehold tenure of the non-residential estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Tenure - D19
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BNRTLL Data type: PERCENTType
Owner	HESA
Version	1.0

Residential tenure freehold

Type	field
Short Name	BRTF
Description	This field contains data about residential tenure held freehold. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Percentage freehold tenure of the residential estate. Exclude any arrangements to take residential space for periods of less than a year.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Tenure - D19
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRTF Data type: PERCENTType
Owner	HESA
Version	1.0

Residential tenure leasehold

Type	field
Short Name	BRTLE
Description	This field contains data about the residential tenure held leasehold. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Percentage leasehold tenure of the residential estate. Exclude any arrangements to take residential space for periods of less than a year.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Tenure - D19
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRTLE Data type: PERCENTType
Owner	HESA
Version	1.0

Residential tenure licence

Type	field
Short Name	BRTL
Description	This field contains data about the residential licence tenure held on a license. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Percentage licence tenure of the residential estate. Exclude any arrangements to take residential space for periods of less than a year.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Tenure - D19
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRTL Data type: PERCENTType
Owner	HESA
Version	1.0

Residential tenure long leasehold

Type	field
Short Name	BRTLL
Description	This field contains data about residential tenure held long leasehold. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Percentage long leasehold tenure of the residential estate. Exclude any arrangements to take residential space for periods of less than a year.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Tenure - D19
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: BRTLL Data type: PERCENTType
Owner	HESA
Version	1.0

Trapped by something collapsing

Type	entity
Short Name	TrappedBySomethingCollapsing
Description	The fields in this entity contain data about the number of injuries caused by being trapped by something collapsing.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The number of injuries caused by being trapped by something collapsing.</p> <p>Do not include such injuries occurring in commercially let space.</p> <p>Further information on occupational injuries reportable under RIDDOR can be found in the document 'The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995'.</p>
Mandatory for	
Reason Required	
Part Of	Occupational injuries reportable under RIDDOR
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Number of staff injuries from being trapped by something collapsing (OSFTCOL)</p> <p>Number of student injuries from being trapped by something collapsing (OSTTCOL)</p> <p>Number of other persons injuries from being trapped by something collapsing (OOTTCOL)</p>
Owner	HESA
Version	1.0

Number of other persons injuries from being trapped by something collapsing

Type	field
Short Name	OOTTCOL
Description	This field contains data about the number of injuries to persons other than staff and students caused by being trapped by something collapsing.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to persons other than staff and students caused by being trapped by something collapsing. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Trapped by something collapsing
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OOTTCOL Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of staff injuries from being trapped by something collapsing

Type	field
Short Name	OSFTCOL
Description	This field contains data about the number of injuries to staff caused by being trapped by something collapsing.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to staff caused by being trapped by something collapsing. Figure for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Trapped by something collapsing
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSFTCOL Data type: NUMBER3Type
Owner	HESA
Version	1.0

Number of student injuries from being trapped by something collapsing

Type	field
Short Name	OSTTCOL
Description	This field contains data about the number of injuries to students caused by being trapped by something collapsing.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	Total number of injuries to students caused by being trapped by something collapsing. Figure for the whole estate of the HEP.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Trapped by something collapsing
Field Length	3
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: OSTTCOL Data type: NUMBER3Type
Owner	HESA
Version	1.0

Use of renewable energy generated onsite or offsite - D72e

Type	entity
Short Name	UseofRenewableEnergyGeneratedOnsiteorOffsite
Description	The fields in this entity contain data about the use of renewable energy sources generated on or offsite, either by the HEP independently or in partnership with others.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The approximate percentage contribution to annual energy consumption (Total energy consumption) from renewable sources. This contribution should exclude green tariffs.</p> <p>Figures are required for:</p> <ul style="list-style-type: none"> percentage contribution where Renewables Obligation Certificates (ROCs) are retained or not claimed by the HEP, percentage contribution where the ROCs are sold by the HEP. <p>For further information please refer to the Carbon Trust renewables obligation.</p>
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Use of renewable energy generated onsite or offsite where the ROCs are retained or not claimed (EROCRET)</p> <p>Use of renewable energy generated onsite or offsite where the ROCs are sold (EROCSOLD)</p>
Owner	HESA
Version	1.0

Use of renewable energy generated onsite or offsite where the ROCs are retained or not claimed

Type	field
Short Name	EROCRET
Description	This field contains data about the energy generated through renewable energy sources where Renewables Obligation Certificates (ROCs) are retained or not claimed by an HEP. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Percentage contribution where ROCs are retained or not claimed by an HEP for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Use of renewable energy generated onsite or offsite - D72e
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EROCRET Data type: PERCENTType
Owner	HESA
Version	1.0

Use of renewable energy generated onsite or offsite where the ROCs are sold

Type	field
Short Name	EROCSOLD
Description	This field contains data about the energy generated through renewable energy sources where the Renewables Obligation Certificates (ROCs) are sold by an HEP. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	Percentage contribution where the ROCS are sold by an HEP for the whole estate.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Use of renewable energy generated onsite or offsite - D72e
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EROCSOLD Data type: PERCENTType
Owner	HESA
Version	1.0

Volume of wastewater

Type	entity
Short Name	VolumeofWastewater
Description	The fields in this entity contain data about the volume of wastewater.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The volume, measured in m3, of wastewater.</p> <p>Where possible, data should be sub-divided to reflect the residential and non-residential estate. It is recognised that HEPs in Scotland will not be able to sub-divide Non-residential volume of wastewater and Residential volume of wastewater. Where this subdivision is not available, the Total volume of wastewater should be provided.</p> <p>Charges for the treatment of wastewater are usually based on a figure derived from a percentage of the total water consumption. Utilities typically apply a factor of 90-95% to calculate wastewater costs based on water consumption.</p> <p>To provide a figure for wastewater volume, HEPs should use the following data sources:</p> <ul style="list-style-type: none"> • meter readings from all meters on site related to wastewater volume and trade effluent, • if the water utility contracted by the HEP provides a factor to calculate the wastewater volume based on the water supply volume, use the factor provided by the water utility. Otherwise, water consumption figures returned under Water consumption can be multiplied by 95% (as a default value).
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential volume of wastewater (ENRVWW) Residential volume of wastewater (ERVWW) Total volume of wastewater (EVWWT)
Owner	HESA
Version	1.0

Non-residential volume of wastewater

Type	field
Short Name	ENRVWW
Description	This field contains data about the volume of wastewater for the non-residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Cubic metre (m ³)
Notes	This figure is for the volume of wastewater for the non-residential estate only.
Mandatory for	England Northern Ireland Wales
Reason Required	Part of the move to mandatory reporting of scope 3 carbon emissions.
Part Of	Volume of wastewater
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ENRVWW Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Residential volume of wastewater

Type	field
Short Name	ERVWW
Description	This field contains data about the volume of wastewater for the residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Cubic metre (m ³)
Notes	This figure is for the volume of wastewater for the residential estate only.
Mandatory for	England Northern Ireland Wales
Reason Required	Part of the move to mandatory reporting of scope 3 carbon emissions.
Part Of	Volume of wastewater
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ERVWW Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Total volume of wastewater

Type	field
Short Name	EVWWT
Description	This field contains data about the total volume of wastewater for the whole estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Cubic metre (m ³)
Notes	<p>Total volume of wastewater for the whole estate. Sum total of Non-residential volume of wastewater and Residential volume of wastewater.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total scope 3 carbon emissions from wastewater treatment is calculated correctly.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	Part of the move to mandatory reporting of scope 3 carbon emissions.
Part Of	Volume of wastewater
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EVWWT Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Waste mass - D73

Type	entity
Short Name	WasteMass
Description	The fields in this entity contain data about waste mass.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The approximate annual mass of waste arising as a result of the HEP's activities. The Estates management record seeks to capture all waste arising at HEP level including construction waste produced by contractors. Do not include waste taken in by the HEP to be processed. Exclude waste attributable to the day to day operating of any commercial space.</p> <p>HEPs, contracts and suppliers of management services should be able to provide mass equivalents.</p> <p>To convert from volume data to mass equivalent, the following guide and high level factor are recommended:</p> <p>Conversions</p> <ul style="list-style-type: none"> • volume (in m3) x factor = mass (tonnes), • volume (litres) / 1000 x factor = mass (tonnes), • volume (cubic feet) x 0.028 x factor = mass (tonnes). <p>Units should be tonnes (1000kg) waste.</p> <p>Factors</p> <p>The following documents will assist HEPs in converting volume data to mass equivalents:</p> <ul style="list-style-type: none"> • ,Environment Agency: Coding and classifying wastes • ,Environment Agency: European Waste Catalogue codes • .WRAP: A guide to volume to mass conversion factors <p>'Pay by weight' or survey based estimates can be used to improve the accuracy of data.</p> <p>The disposal methods categories remain the same for the non-residential and residential elements of the estate as well as other works to sum to a total waste mass figure:</p> <ul style="list-style-type: none"> • recycled - the annual mass of waste (tonnes) sent for recycling, • incineration - the annual mass of incinerated waste (tonnes), • composting - the annual mass of waste (tonnes) that is composted (either onsite or offsite), • anaerobic digestion - the annual mass of waste (tonnes) that is sent for anaerobic digestion (either onsite or offsite), • landfill - the annual mass of waste (tonnes) sent to landfill, • energy - the annual mass of waste (tonnes) that is used to create energy e.g. used for Biomass boilers or CHP. Exclude waste that is incinerated with no energy recovery,

	<ul style="list-style-type: none"> • other - other methods of disposal offsite. This may include mechanical biological treatment and offsite autoclave.
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential waste mass recycled (ENRWMREC) Non-residential waste mass incineration (ENRWMINC) Non-residential waste mass composting (ENRWMCOM) Non-residential waste mass anaerobic digestion (ENRWMADI) Non-residential waste mass landfill (ENRWMLAN) Non-residential waste mass used to create energy (ENRWMENE) Non-residential waste mass other (ENRWMOTH) Non-residential waste mass total (ENRWMT) Residential waste mass recycled (ERWMREC) Residential waste mass incineration (ERWMINC) Residential waste mass composting (ERWMCOM) Residential waste mass anaerobic digestion (ERWMADI) Residential waste mass landfill (ERWMLAN) Residential waste mass used to create energy (ERWMENE) Residential waste mass other (ERWMOTH) Residential waste mass total (ERWMT) Other works waste mass recycled (EOWMREC) Other works waste mass incineration (EOWMINC) Other works waste mass composting (EOWMCOM) Other works waste mass anaerobic digestion (EOWMADI) Other works waste mass landfill (EOWMLAN) Other works waste mass used to create energy (EOWMENE) Other works waste mass other (EOWMOTH) Other works waste mass total (EOWMT) Total waste mass recycled (EWMRECT) Total waste mass incineration (EWMINCT) Total waste mass composting (EWMCOMT) Total waste mass anaerobic digestion (EWMADIT) Total waste mass landfill (EWMLANT) Total waste mass used to create energy (EWMENET) Total waste mass other (EWMOTHT) Total waste mass (EWMT)
Owner	HESA
Version	1.0

Non-residential waste mass anaerobic digestion

Type	field
Short Name	ENRWMADI
Description	This field contains data about the waste mass from the non-residential estate that is sent for anaerobic digestion. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>This figure is for the waste mass (tonnes) from the non-residential estate that is anaerobically digested (either onsite or offsite).</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass anaerobic digestion is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ENRWMADI Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Non-residential waste mass composting

Type	field
Short Name	ENRWCOM
Description	This field contains data about the waste mass from the non-residential estate that is composted. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>This figure is for the waste mass (tonnes) from the non-residential estate that is composted (either onsite or offsite).</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass composting is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ENRWCOM Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Non-residential waste mass incineration

Type	field
Short Name	ENRWMINC
Description	This field contains data about the waste mass from the non-residential estate that is incinerated. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>This figure is for the waste mass (tonnes) from the non-residential estate that is incinerated.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass incineration is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ENRWMINC Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Non-residential waste mass landfill

Type	field
Short Name	ENRWMLAN
Description	This field contains data about the waste mass from the non-residential estate that is sent to landfill. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>This figure is for the waste mass (tonnes) from the non-residential estate that is sent to landfill.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass landfill is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ENRWMLAN Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Non-residential waste mass other

Type	field
Short Name	ENRWMOTH
Description	This field contains data about the other waste mass from the non-residential estate that is disposed of by other offsite methods. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>This figure is for the waste mass (tonnes) from the non-residential estate that is disposed of by other offsite methods. This may include mechanical biological treatment and offsite autoclave.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass other is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ENRWMOTH Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Non-residential waste mass recycled

Type	field
Short Name	ENRWMREC
Description	This field contains data about the waste mass from the non-residential estate that is sent for recycling. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>This figure is for the waste mass (tonnes) from the non-residential estate that is sent for recycling.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass recycled is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ENRWMREC Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Non-residential waste mass total

Type	field
Short Name	ENRWMT
Description	This field contains data about the total waste mass from the non-residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>Total non-residential waste mass. Sum total of Non-residential waste mass recycled, Non-residential waste mass incineration, Non-residential waste mass composting, Non-residential waste mass anaerobic digestion, Non-residential waste mass landfill, Non-residential waste mass used to create energy, and Non-residential waste mass other.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ENRWMT Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Non-residential waste mass used to create energy

Type	field
Short Name	ENRWMENE
Description	This field contains data about the waste mass from the non-residential estate that is used to create energy. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>This figure is for the waste mass (tonnes) from the non-residential estate that is used to create energy e.g. used for Biomass boilers or CHP. Exclude waste that is incinerated with no energy recovery.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass used to create energy is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ENRWMENE Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Other works waste mass anaerobic digestion

Type	field
Short Name	EOWMADI
Description	This field contains data about the waste mass from all works of construction, demolition and excavation not elsewhere captured that is sent for anaerobic digestion. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>This figure is for the waste mass (tonnes) from all works of construction, demolition, and excavation not captured elsewhere that is sent for anaerobically digestion.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass anaerobic digestion is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EOWMADI Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Other works waste mass composting

Type	field
Short Name	EOWMCOM
Description	his field contains data about the waste mass from all works of construction, demolition and excavation not elsewhere captured that is composted. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>This figure is for the waste mass (tonnes) from all works of construction, demolition, and excavation not captured elsewhere that is composted (either onsite or offsite).</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass composting is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EOWMCOM Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Other works waste mass incineration

Type	field
Short Name	EOWMINC
Description	This field contains data about the waste mass from all works of construction, demolition and excavation not elsewhere captured that is incinerated. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>This figure is for the waste mass (tonnes) from all works of construction, demolition, and excavation not captured elsewhere that is incinerated.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass incineration is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EOWMINC Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Other works waste mass landfill

Type	field
Short Name	EOWMLAN
Description	This field contains data about the waste mass from all works of construction, demolition and excavation not elsewhere captured that is sent to landfill. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>This figure is for the waste mass (tonnes) from all works of construction, demolition, and excavation not captured elsewhere that is sent to landfill.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass landfill is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EOWMLAN Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Other works waste mass other

Type	field
Short Name	EOWMOTH
Description	This field contains data about the waste mass from all works of construction, demolition and excavation not elsewhere captured that is disposed of by other offsite methods. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>This figure is for the waste mass (tonnes) from all works of construction, demolition, and excavation not captured elsewhere that is disposed of by other offsite methods. This may include mechanical biological treatment and offsite autoclave.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass other is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EOWMOTH Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Other works waste mass recycled

Type	field
Short Name	EOWMREC
Description	This field contains data about the waste mass from the all works of construction, demolition and excavation not elsewhere captured that is sent for recycling. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>This figure is for the waste mass (tonnes) from all works of construction, demolition, and excavation not captured elsewhere that is sent for recycling.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass recycled is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EOWMREC Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Other works waste mass total

Type	field
Short Name	EOWMT
Description	This field contains data about the total waste mass from all works of construction, demolition and excavation not elsewhere captured. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>Total waste mass all works of construction, demolition, and excavation not captured elsewhere. Sum total of Other works waste mass recycled, Other works waste mass incineration, Other works waste mass composting, Other works waste mass anaerobic digestion, Other works waste mass landfill, Other works waste mass used to create energy, and Other works waste mass other.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EOWMT Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Other works waste mass used to create energy

Type	field
Short Name	EOWMENE
Description	This field contains data about the waste mass from all works of construction, demolition and excavation not elsewhere captured that is used to create energy. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>This figure is for the waste mass (tonnes) from all works of construction, demolition, and excavation not captured elsewhere that is used to create energy e.g. used for Biomass boilers or CHP. Exclude waste that is incinerated with no energy recovery.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass used to create energy is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EOWMENE Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Residential waste mass anaerobic digestion

Type	field
Short Name	ERWMADI
Description	This field contains data about the waste mass from the residential estate that is sent for anaerobic digestion. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>This figure is for the waste mass (tonnes) from the residential estate that is anaerobically digested (either onsite or offsite).</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass anaerobic digestion is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ERWMADI Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Residential waste mass composting

Type	field
Short Name	ERWMCOM
Description	This field contains data about the waste mass from the residential estate that is composted. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>This figure is for the waste mass (tonnes) from the residential estate that is composted (either onsite or offsite).</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass composting is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ERWMCOM Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Residential waste mass incineration

Type	field
Short Name	ERWMINC
Description	This field contains data about the waste mass from the residential estate that is incinerated. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>This figure is for the waste mass (tonnes) from the residential estate that is incinerated.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass incineration is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ERWMINC Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Residential waste mass landfill

Type	field
Short Name	ERWMLAN
Description	This field contains data about the waste mass from the residential estate that is sent to landfill. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>This figure is for the waste mass (tonnes) from the residential estate that is sent to landfill..</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass landfill is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ERWMLAN Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Residential waste mass other

Type	field
Short Name	ERWMOTH
Description	This field contains data about the waste mass from the residential estate that is disposed of by other offsite methods. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>This figure is for the waste mass (tonnes) from the residential estate that is disposed of by other offsite methods. This may include mechanical biological treatment and offsite autoclave.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass other is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ERWMOTH Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Residential waste mass recycled

Type	field
Short Name	ERWMREC
Description	This field contains data about the waste mass from the residential estate that is sent for recycling. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>This figure is for the waste mass (tonnes) from the residential estate that is sent for recycling.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass recycled is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ERWMREC Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Residential waste mass total

Type	field
Short Name	ERWMT
Description	This field contains data about the total waste mass from the residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>Total residential waste mass for the whole estate. Sum total of Residential waste mass recycled, Residential waste mass incineration, Residential waste mass composting, Residential waste mass anaerobic digestion, Residential waste mass landfill, Residential waste mass used to create energy, and Residential waste mass other.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ERWMT Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Residential waste mass used to create energy

Type	field
Short Name	ERWMENE
Description	This field contains data about the waste mass from the residential estate that is used to create energy. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>This figure is for the waste mass (tonnes) from the residential estate that is used to create energy e.g. used for Biomass boilers or CHP. Exclude waste that is incinerated with no energy recovery.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total waste mass used to create energy is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ERWMENE Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Total waste mass

Type	field
Short Name	EWMT
Description	This field contains data about the total waste mass for the whole estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>Total waste mass for the whole estate. Sum total of Non-residential waste mass total, Residential waste mass total, and Other works waste mass total.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for the fields Non-residential waste mass total, Residential waste mass total and Other works waste mass total to ensure that this mandatory field is calculated correctly.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For use in producing Capital Investment Framework (CIF) metrics and as part of the move to mandatory reporting of scope 3 carbon emissions.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EWMT Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Total waste mass anaerobic digestion

Type	field
Short Name	EWMADIT
Description	This field contains data about the total waste mass for the whole estate that is sent for anaerobic digestion. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>Total waste mass (tonnes) for the whole estate that is sent for anaerobic digestion. Sum total Non-residential waste mass anaerobic digestion, Residential waste mass anaerobic digestion, and Other works waste mass anaerobic digestion.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for the fields Non-residential waste mass anaerobic digestion, Residential waste mass anaerobic digestion and Other works waste mass anaerobic digestion to ensure that this mandatory field is calculated correctly.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For use in producing Capital Investment Framework (CIF) metrics and as part of the move to mandatory reporting of scope 3 carbon emissions.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EWMADIT Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Total waste mass composting

Type	field
Short Name	EWMCOMT
Description	This field contains data about the total waste mass for the whole estate that is composted. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>Total waste mass (tonnes) for the whole estate that is composted. Sum total Non-residential waste mass composting, Residential waste mass composting, and Other works waste mass composting.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for the fields Non-residential waste mass composting, Residential waste mass composting and Other works waste mass composting to ensure that this mandatory field is calculated correctly.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For use in producing Capital Investment Framework (CIF) metrics and as part of the move to mandatory reporting of scope 3 carbon emissions.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EWMCOMT Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Total waste mass incineration

Type	field
Short Name	EWMINCT
Description	This field contains data about the total waste mass for the whole estate that is incinerated. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>Total waste mass (tonnes) for the whole estate that is incinerated. Sum total Non-residential waste mass incineration, Residential waste mass incineration, and Other works waste mass incineration.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for the fields Non-residential waste mass incineration, Residential waste mass incineration and Other works waste mass incineration to ensure that this mandatory field is calculated correctly.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For use in producing Capital Investment Framework (CIF) metrics and as part of the move to mandatory reporting of scope 3 carbon emissions.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EWMINCT Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Total waste mass landfill

Type	field
Short Name	EWMLANT
Description	This field contains data about the total waste mass for the whole estate that is sent to landfill. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>Total waste mass (tonnes) for the whole estate that is sent to landfill. Sum total Non-residential waste mass landfill, Residential waste mass landfill, and Other works waste mass landfill.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for the fields Non-residential waste mass landfill, Residential waste mass landfill and Other works waste mass landfill to ensure that this mandatory field is calculated correctly.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For use in producing Capital Investment Framework (CIF) metrics and as part of the move to mandatory reporting of scope 3 carbon emissions.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EWMLANT Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Total waste mass other

Type	field
Short Name	EWMOTHT
Description	This field contains data about the total waste mass for the whole estate that is disposed of by other methods offsite. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>Total waste mass (tonnes) for the whole estate that is disposed of by other offsite methods. Sum total Non-residential waste mass other, Residential waste mass other, and Other works waste mass other.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for the fields Non-residential waste mass other, Residential waste mass other and Other works waste mass other to ensure that this mandatory field is calculated correctly.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For use in producing Capital Investment Framework (CIF) metrics and as part of the move to mandatory reporting of scope 3 carbon emissions.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EWMOTHT Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Total waste mass recycled

Type	field
Short Name	EWMRECT
Description	This field contains data about the total waste mass for the whole estate that is sent for recycling. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>Total waste mass (tonnes) for the whole estate that is sent for recycling. Sum total Non-residential waste mass recycled, Residential waste mass recycled, and Other works waste mass recycled.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for the fields Non-residential waste mass recycled, Residential waste mass recycled and Other works waste mass recycled to ensure that this mandatory field is calculated correctly.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For use in producing Capital Investment Framework (CIF) metrics and as part of the move to mandatory reporting of scope 3 carbon emissions.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EWMRECT Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Total waste mass used to create energy

Type	field
Short Name	EWMENET
Description	This field contains data about the total waste mass for the whole estate that is used to create energy. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Tonne (t)
Notes	<p>Total waste mass (tonnes) for the whole estate that is used to create energy. Sum total Non-residential waste mass used to create energy, Residential waste mass used to create energy, and Other works waste mass used to create energy.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for the fields Non-residential waste mass used to create energy, Residential waste mass used to create energy and Other works waste mass used to create energy to ensure that this mandatory field is calculated correctly.</p>
Mandatory for	England Northern Ireland Wales
Reason Required	For use in producing Capital Investment Framework (CIF) metrics and as part of the move to mandatory reporting of scope 3 carbon emissions.
Part Of	Waste mass - D73
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EWMENET Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Water and sewerage costs - D32

Type	entity
Short Name	WaterandSewerageCosts
Description	The fields in this entity contain data about water and sewerage costs.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The costs of supplying and treating water and sewerage in a financial year. Include metered water supply, sewerage charge, trade effluent charge and water rates.</p> <p>Break downs are requested for water and sewerage.</p> <p>The term 'sewerage' covers all waste water and trade effluent from buildings and for which charges are made.</p> <p>Exclude costs relating to any commercial space.</p>
Mandatory for	
Reason Required	
Part Of	Finance
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential water costs (FNRWC) Residential water costs (FRWC) Total water costs (FWCT) Non-residential sewerage costs (FNRSC) Residential sewerage costs (FRSC) Total sewerage costs (FSCT) Non-residential water and sewerage costs total (FNRWSCT) Residential water and sewerage costs total (FRWSCT) Total water and sewerage costs (FWSCT)
Owner	HESA
Version	1.0

Non-residential sewerage costs

Type	field
Short Name	FNRSC
Description	This field contains data about sewerage costs for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the sewerage costs of the non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Water and sewerage costs - D32
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRSC Data type: NUMBER10Type
Owner	HESA
Version	1.0

Non-residential water and sewerage costs total

Type	field
Short Name	FNRWSCT
Description	This field contains data about the total water and sewerage costs for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total water and sewerage costs for the non-residential estate. Sum total of Non-residential water costs and Non-residential sewerage costs.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Water and sewerage costs - D32
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRWSCT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Non-residential water costs

Type	field
Short Name	FNRWC
Description	This field contains data about water costs for the non-residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the water costs of the non-residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Water and sewerage costs - D32
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FNRWC Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential sewerage costs

Type	field
Short Name	FRSC
Description	This field contains data about sewerage costs for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the sewerage costs of the residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Water and sewerage costs - D32
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRSC Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential water and sewerage costs total

Type	field
Short Name	FRWSCT
Description	This field contains data about the total water and sewerage costs for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total water and sewerage costs for the residential estate. Sum total of Residential water costs and Residential sewerage costs.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Water and sewerage costs - D32
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRWSCT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Residential water costs

Type	field
Short Name	FRWC
Description	This field contains data about water costs for the residential estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	This figure is for the water costs of the residential estate only.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Water and sewerage costs - D32
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FRWC Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total sewerage costs

Type	field
Short Name	FSCT
Description	This field contains data about the total sewerage costs for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total sewerage costs for the whole estate. Sum total of Non-residential sewerage costs and Residential sewerage costs.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Water and sewerage costs - D32
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FSCT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total water and sewerage costs

Type	field
Short Name	FW SCT
Description	This field contains data about the total water and sewerage costs for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total water and sewerage costs for the whole estate. Sum total of Non-residential water and sewerage costs total and Residential water and sewerage costs total.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Water and sewerage costs - D32
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FW SCT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Total water costs

Type	field
Short Name	FWCT
Description	This field contains data about the total water costs for the whole estate.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Great British Pound (£)
Notes	Total water costs for the whole estate. Sum total of Non-residential water costs and Residential water costs.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Water and sewerage costs - D32
Field Length	10
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: FWCT Data type: NUMBER10Type
Owner	HESA
Version	1.0

Water borehole extraction - D77b

Type	entity
Short Name	WaterBoreholeExtraction
Description	The fields in this entity contain data about borehole water from extraction.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The annual volume (m3) of non-mains water supply for potable and non-potable use by HEP from borehole extraction.</p> <p>Borehole volume should be reported as the volume taken, not the licensed volume.</p> <p>Excludes mains supplied water.</p>
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	<p>Borehole water used for irrigation (EBHWI)</p> <p>Total water borehole extraction (EBHWET)</p>
Owner	HESA
Version	1.0

Borehole water used for irrigation

Type	field
Short Name	EBHWI
Description	This field contains data about the percentage of borehole water used for irrigation for the whole estate. The value can be recorded to one decimal place and must be between 0 and 100.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Percentage (%)
Notes	% of borehole water used for irrigation and therefore not classed as wastewater.
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Water borehole extraction - D77b
Field Length	5
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EBHWI Data type: PERCENTType
Owner	HESA
Version	1.0

Total water borehole extraction

Type	field
Short Name	EBHWET
Description	This field contains data about the total water borehole extraction for the whole estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Cubic metre (m ³)
Notes	<p>Total water supply borehole extraction for the whole estate of the HEP.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total scope 3 carbon emissions from wastewater treatment is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Water borehole extraction - D77b
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	<p>Element: EBHWET</p> <p>Data type: LENGTH11DECIMAL3Type</p>
Owner	HESA
Version	1.0

Water consumption - D38b

Type	entity
Short Name	WaterConsumption
Description	The fields in this entity contain data about water consumption.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The volume, measured in m3, of metered water consumed (exclude grey and recycled water), excluding usage within any commercial space. Where possible, data should be sub-divided to reflect the residential and non-residential estate. It is recognised that HEPs in Scotland will not be able to sub-divide Non-residential water consumption and Residential water consumption. Where this subdivision is not available, the Total water consumption should be provided.</p> <p>Water metering and billing arrangements vary significantly throughout the UK. Some HEPs do not pay for water consumption by volume, especially for residential use. These HEPs may not be able to provide data on this issue. Others pay a combination of rateable value and metered water consumption.</p> <p>Those HEPs that can provide data should use the following data sources:</p> <ul style="list-style-type: none"> • water bills, • meter readings from all mains water meters. <p>Include water consumption for arable land.</p>
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Non-residential water consumption (ENRWCON) Residential water consumption (ERWCON) Total water consumption (EWCONTOT)
Owner	HESA
Version	1.0

Non-residential water consumption

Type	field
Short Name	ENRWCON
Description	This field contains data about the water consumption of the non-residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Cubic metre (m ³)
Notes	Figure for the water consumption of the non-residential estate.
Mandatory for	England Northern Ireland Wales
Reason Required	Part of the move to mandatory reporting of scope 3 carbon emissions.
Part Of	Water consumption - D38b
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ENRWCON Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Residential water consumption

Type	field
Short Name	ERWCON
Description	This field contains data about the water consumption of the residential estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Cubic metre (m ³)
Notes	Figure for the water consumption of the residential estate.
Mandatory for	England Northern Ireland Wales
Reason Required	Part of the move to mandatory reporting of scope 3 carbon emissions.
Part Of	Water consumption - D38b
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: ERWCON Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Total water consumption

Type	field
Short Name	EWCONTOT
Description	This field contains data about the total water consumption of the whole estate. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Cubic metre (m ³)
Notes	Total water consumption for the whole estate. Sum total of Non-residential water consumption and Residential water consumption.
Mandatory for	England Northern Ireland Wales
Reason Required	Part of the move to mandatory reporting of scope 3 carbon emissions.
Part Of	Water consumption - D38b
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EWCONTOT Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

Water supply grey water and rain water - D77a

Type	entity
Short Name	WaterSupplyGreyWaterandRainWater
Description	The field in this entity contains data about the water supply from 'grey water' and rain water.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Notes	<p>The annual volume (m3) of non-mains water supply for potable and non-potable use by the HEP from rainwater and 'grey water'.</p> <p>'Grey water' is defined as the wastewater produced from baths and showers, clothes washers, and lavatories. This can be recycled and reused if an appropriate system is installed. Rainwater recycling can also be installed to use the water which falls on the building in other systems such as watering the grounds or flushing toilets.</p> <p>Includes rainwater and 'grey water' capture for arable land, where this water is included in the consumption figure under Water consumption.</p> <p>Excludes mains supplied water.</p>
Mandatory for	
Reason Required	
Part Of	Environment, energy, emissions and waste
Minimum Occurrences	0
Maximum Occurrences	1
Has Parts	Total water supply grey water and rain water (EWSGWRWT)
Owner	HESA
Version	1.0

Total water supply grey water and rain water

Type	field
Short Name	EWSGWRWT
Description	This field contains data about the water supply from 'grey water' and rain water. The value can be recorded to three decimal places.
Applicable to	England Northern Ireland Scotland Wales
Coverage	All higher education providers (HEPs).
Unit	Cubic metre (m ³)
Notes	<p>Total water supply 'grey water' and rain water for the whole estate.</p> <p>Please note that HEPs in England, Northern Ireland or Wales will need to return a value for this field to ensure that the mandatory field Total scope 3 carbon emissions from wastewater treatment is calculated correctly.</p>
Mandatory for	
Reason Required	Sector use and benchmarking.
Part Of	Water supply grey water and rain water - D77a
Field Length	11
Minimum Occurrences	0
Maximum Occurrences	1
Schema Components	Element: EWSGWRWT Data type: LENGTH11DECIMAL3Type
Owner	HESA
Version	1.0

