HESA calculated data items specification

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Please note, the data items below are automatically calculated in the webform as a sum of other data items. However, if one of the component fields is left blank, the automatic calculation cannot complete and the item will remain blank (null). Similarly, ratios cannot be calculated where one or more of the component parts of the calculation remain blank (null). In these situations, the override function should be used to fill in the aggregated figure. Providers should ensure that they do not complete data items within the form with a zero value where the data is not known in order to make the calculation run. Within EMR there is an important distinction between a null value (blank) and a zero:

Null data - are data items for which a value may exist but you do not know the value or have chosen not to return it. Where you have data items that meet this definition they should simply be left blank and not completed. This may mean that automatic calculations within the form cannot run and in such cases the provider should override the calculated data item if appropriate.

Zero data - are data items for which you know the value and the value is zero or for the data items that are not applicable to your provider. For such data items a '0' should be returned.

For example:

Total teaching and research staff FTE (SFTERET) is the sum of Teaching Staff FTE (SFFTETE) and Research Staff FTE (SFFTERE). If the provider cannot provide the breakdown of teaching and research staff separately the Teaching Staff FTE and Research Staff FTE fields would be blank (null). This would mean that the Total teaching and research staff FTE cannot be calculated and would also remain blank (null) in the webform. If the provider knows the total value they should use the override function for the total and enter the appropriate figure.

Finance

Data Item	Description	Calculation
FNRPCO	Non-residential	FNRRV Non-residential rateable value +
	property costs	FNRRP Non-residential rates paid +
		FNRIPCO Non-residential insurance premiums and contributions +
		FNRNSCM Non-residential net service charge and miscellaneous PFI and PPP costs
		+ FNRECTOT Non-residential energy costs total +
		FNRWSCT Non-residential water & sewerage costs total +
		FNRRMCT Non-residential repairs and maintenance costs total +
		FNRCCT Non-residential cleaning costs total +
		FNRIIPMC Non-residential Internally-incurred property management costs +
		FNREPPMC Non-residential Externally-provided property management costs
FRPCO	Residential property	FRIPCO Residential insurance premiums and contributions +
	costs	FRNSCM Residential net service charge and miscellaneous PFI and PPP costs +
		FRECTOT Residential energy costs total +
		FRWSCT Residential water and sewerage costs total +
		FRRMCT Residential repairs and maintenance costs total +
		FRCCT Residential cleaning costs total +
		FRIIPMC Residential Internally-incurred property management costs + grounds
		FREPPMC Residential Externally-provided property management costs
FTPCO	Total property costs	FNRPCO Non-residential property costs +
		FRPCO Residential property costs
FIPCOT	Total insurance	FNRIPCO Non-residential insurance premiums and contributions +
	premiums and	FRIPCO Residential insurance premiums and contributions
	contributions	
FNSCTM	Total net service	FNRNSCM Non-residential net service charge and miscellaneous PFI and PPP costs
	charge and	+ FRNSCM Residential net service charge and miscellaneous PFI and PPP costs
	miscellaneous PFI	
	and PPP costs	

FNRECTOT	Non-residential	FNRECOIL Non-residential energy costs oil +
FINECIOI	energy costs total	FNRECGAS Non-residential energy costs gas +
	energy costs total	FNRECELE Non-residential energy costs gas +
		FNRECCOA Non-residential energy costs coal (industrial) +
		FNRECSHW Non-residential energy costs steam and hot water +
		FNRECBIO Non-residential energy costs biomass +
		FNRECPHO Non-residential energy costs onsite photovoltaic +
		FNRECOWI Non-residential energy costs onsite wind +
		FNRECOTH Non-residential energy costs other
FRECTOT	Residential energy	FRECOIL Residential energy costs oil +
	costs total	FRECGAS Residential energy costs gas +
		FRECELE Residential energy costs electricity +
		FRECCOA Residential energy costs coal (industrial) +
		FRECSHW Residential energy costs steam and hot water +
		FRECBIO Residential energy costs biomass + FRECPHO Residential energy costs onsite photovoltaic +
		FRECOWI Residential energy costs onsite wind +
		FRECOTH Residential energy costs other
FECOILT	Total energy costs oil	FNRECOIL Non-residential energy costs oil +
1 200121	Total onergy cools on	FRECOIL Residential energy costs oil
FECGAST	Total energy costs	FNRECGAS Non-residential energy costs gas +
	gas	FRECGAS Residential energy costs gas
FECELET	Total energy costs	FNRECELE Non-residential energy costs electricity +
	electricity	FRECELE Residential energy costs electricity
FECCOAT	Total energy costs	FNRECCOA Non-residential energy costs coal (industrial) +
	coal (industrial)	FRECCOA Residential energy costs coal (industrial)
FECSHWT	Total energy costs	FNRECSHW Non-residential energy costs steam and hot water +
	steam and hot water	FRECSHW Residential energy costs steam and hot water
FECBIOT	Total energy costs	FNRECBIO Non-residential energy costs biomass +
	biomass	FRECBIO Residential energy costs biomass
FECPHOT	Total energy costs	FNRECPHO Non-residential energy costs onsite photovoltaic +
FEOONAT	onsite photovoltaic	FRECPHO Residential energy costs onsite photovoltaic
FECOWIT	Total energy costs	FNRECOWI Non-residential energy costs onsite wind +
FECOTHT	onsite wind Total energy costs	FRECOWI Residential energy costs onsite wind FNRECOTH Non-residential energy costs other +
FECOINI	other fuels	FRECOTH Residential energy costs other
FECTOT	Total energy costs	FNRECTOT Non-residential energy costs total +
1 20101	Total energy costs	FRECTOT residential energy costs total
FNRWSCT	Non-residential water	FNRWC Water costs Total Non-Residential +
	and sewerage costs	FNRSC Non-residential sewerage costs
	total	
FRWSCT	Residential water	FRWC Residential water costs +
	and sewerage costs	FRSC Residential sewerage costs
	total	
FWCT	Total water costs	FNRWC Non-residential water costs +
		FRWC Residential water costs
FSCT	Total sewerage costs	FNRSC Non-residential sewerage costs +
=:		FRSC Residential sewerage costs
FWSCT	Total water &	FNRWSCT Non-residential water and sewerage costs total +
EDMOCT	Sewerage costs	FRWSCT Residential water and sewerage costs total
FRMCGT	Total repairs and maintenance costs	FNRRMCG Non-residential repairs and maintenance costs grounds +
	grounds	FRRMCG Residential repairs and maintenance costs grounds
FRMCPFT	Total repairs and	FNRRMCPF Non-residential repairs and maintenance costs playing fields +
1 KIVIOFFI	maintenance costs	FRRMCPF Residential repairs and maintenance costs playing fields
	playing fields	1 1111111 1 1100100111101 10pairo ana maintenanoe 00010 piaying nelus
FRMCT	Total repairs and	FNRRMCT Non-residential repairs and maintenance costs total +
	maintenance costs	FRRMCT Residential repairs and maintenance costs total
FNRCCT	Non-residential	FNRCCIN Non-residential cleaning costs internal +
	cleaning costs total	FNRCCEX Non-residential cleaning costs external
FRCCT	Residential cleaning	FRCCIN Residential cleaning costs internal +
	costs total	FRCCEX Residential cleaning costs external
FCCINT	Total cleaning costs	FNRCCIN Non-residential cleaning costs internal +
	internal	FRCCIN Residential cleaning costs internal
FCCEXT	Total cleaning costs	FNRCCEX Non-residential cleaning costs external +
	external	FRCCEX Residential cleaning costs external
FCCT	Total cleaning costs	FNRCCT Non-residential cleaning costs total +
EUD! 10=	T	FRCCT Residential cleaning costs total
FIIPMCT	Total Internally-	FNRIIPMC Non-residential Internally-incurred property management costs +
	incurred property	FRIIPMC Residential Internally-incurred property management costs
	management costs	

FEPPMCT	Total Externally- provided property management costs	FNREPPMC Non-residential Externally-provided property management costs + FREPPMC Residential Externally-provided property management costs
FSCOT	Total security costs	FNRSCO Non-residential security costs +
		FRSCO Residential security costs
FPOCT	Total porterage costs	FNRPOC Non-residential porterage costs +
	-	FRPOC Residential porterage costs
FPRIDSCT	Total central post room and internal distribution services costs	FNRPRIDSC Non-residential central post room and internal distribution services costs + FRPRIDSC Residential central post room and internal distribution services costs

Student and staff counts

Data Item	Description	Real Name Calculation
STSHT	Total student	STSHTESH Teaching student headcount +
	headcount	STSHRESH Research student headcount +
		STSHFESH FE student headcount
STFTET	Total student FTE	STFTETE Teaching student FTE +
		STFTERE Research student FTE +
		STFTEFE FE student FTE
SFTERET	Total teaching and	SFFTETE Teaching staff FTE +
	research staff FTE	SFFTERE Research staff FTE
SSFTET	Support staff FTE	SSFTEOF Support offices staff FTE +
		SSFTEOT Support not offices staff FTE
SFNRT	Non-residential staff	SFTERET Total teaching and research staff FTE +
	FTE total	SSFTET Support staff FTE +
		SFNRO Non-residential FTE other
SFFTET	Total staff FTE	SFRFTET Residential staff FTE +
		SFNRT Non-residential staff FTE total

Space measurement

Data Item	Description	Real Name Calculation
SMGIAT	Total GIA	SMGIANR Non-residential GIA +
		SMGIAR Residential GIA
SMNIATET	Teaching NIA total	SMNIATEO Teaching offices NIA +
		SMNIATE Teaching not offices NIA
SMNIARET	Research NIA total	SMNIAREO Research offices NIA +
		SMNIARE Research not offices NIA
SMNIAST	Support NIA total	SMNIASO Support offices NIA +
		SMNIAS Support not offices NIA
SMNIANRT	Non-residential NIA	SMNIATET Teaching NIA total +
	total	SMNIARET Research NIA total +
		SMNIAST Support NIA total +
		SMNIANRV Non-residential NIA vacant +
		SMNIANRO Non-residential NIA other
SMNIAT	Total NIA	SMNIANRT Non-residential NIA total +
		SMNIAR Residential NIA
SMSAA	Total specialist	SMTESAA Teaching not offices specialist academic area +
	academic area	SMRESAA Research not offices specialist academic area

Buildings and functionality

Data Item	Description	Real Name Calculation
BNOBT	Total number of	BNRNOB Non-residential number of buildings +
	buildings	BRNOB Residential number of buildings
BTIRV	Total insurance	BNRIRV Non-residential insurance replacement value +
	replacement value	BRIRV Residential insurance replacement value
BLBCT	Total listed building	BNRLBC Non-residential listed building coverage +
	coverage	BRLBC Residential listed building coverage
	-	
BNCPST	Total number of car	BNRNCPS Non-residential number of car parking spaces +
	parking spaces	BRNCPS Residential number of car parking spaces

Environment, energy, emissions and waste

Data Item	Description	Real Name Calculation
EECTOT	Total energy	EECBUOIL Energy consumption burning oil +
	consumption	EECFUOIL Energy consumption fuel oil +

EECOADIL Energy consumption gas oil + EECCAGE Energy consumption compressed natural gas + EECLINGAS Energy consumption inquiend perforeitioning gas + EECLINGAS Energy consumption natural gas excluding that used as input for a CHP EECCAGE Energy consumption nether perforeitioning gas + EECLINGAS Energy consumption on their perforeitioning gas + EECLINGAS Energy consumption on their perforeition gas + EECCAGE Energy consumption on their perforeiting s + EECCEAL Energy consumption gain electricity on sum and the state + EECCEAL Energy consumption gain electricity on sum and the state + EECCIONAT Energy consumption steam and the state + EECCIONAT Energy consumption to steam and the state + EECCIONAT Energy consumption in their performance of the electricity of the el	I		
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EECLPAS Energy consumption alrugated petroleum gas + EECRESEX Energy consumption natural gas excluding that used as input for a CHP unit + EECELCHP Energy consumption electricity consumed from onsite CHP + EECOPAS Energy consumption other petroleum gas + EECRECE Energy consumption other petroleum gas + EECRECE Energy consumption other petroleum gas + EECRECE Energy consumption other petroleum gas + EECRECHP Energy consumption other and hot water + EECLUBRI Energy consumption other consumed from onsite CHP + EECCUBRI Energy consumption between and hot water + EECCHP Energy consumption petroleum coke + EECONPHO Energy consumption petroleum coke + EECONPHO Energy consumption petroleum coke + EECONPHO Energy consumption onsite photovotalce + EEVANTE Fuel used in HEI owned vehicles aviation spirit + EFUVAPER Fuel used in HEI owned vehicles aviation turbine fuel + EFUVAPER Fuel used in HEI owned vehicles aviation turbine fuel + EFUVAPER Fuel used in HEI owned vehicles is gueried petroleum gas + EFUVAPER Fuel used in HEI owned vehicles is gueried petroleum gas + EFUVAPER Fuel used in HEI owned vehicles is gueried petroleum gas + EFUVAPER Fuel used in HEI owned vehicles is gueried petroleum gas + EFUVAPER Fuel used in HEI owned vehicles is gueried petroleum gas + EFUVAPER Fuel used in HEI owned vehicles is gueried petroleum gas (Calculation based on EECACHAS Multiplied by DEFRA conversion factor) + EFUCEON Scope 1 and 2 carbon emissions factor) + EFUCEON Scope 1 and 2 carbon emissions is lubicariat (Calculation based on EECACHAS Multiplied by DEFRA conversion factor) + EFUCEON			
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EECPCOME Energy consumption petroleum coke +			
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