

C13042 Ratio definitions

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Section	Ratio ID	Ratio name	Formula	No of DP	Unit	Numerator description	Numerator	Denominator description	Denominator
Key Ratios									
Linking property to business	042C01S03R03	HEP income per metre ² of net internal area	A/B	0	£	Finance.Income.Total income	F_FIIT	SpaceMeasurement.NetInternalArea.Total NIA	F_XUP_SMNIAT
Analysis of maintenance	042C01S06R01	Maintenance costs per metre ² of gross internal area	A/B	2	£	Finance.RepairsandMaintenanceCosts.Total repairs and maintenance costs	F_FRMCT	SpaceMeasurement.GrossInternalArea.Total GIA	F_SMGIAT
Energy costs, consumption and emissions	042C01S07R01	Energy costs per metre ² of gross internal area	A/B	2	£	Finance.EnergyCosts.Total energy costs	F_FECTOT	SpaceMeasurement.GrossInternalArea.Total GIA	F_SMGIAT
Water costs and consumption	042C01S08R05	Water consumption per student and staff FTE	A/(B+(C-D))	2		EnvironmentEnergyEmissionsandWaste.WaterConsumption.Total water consumption	F_EWCONTOT	StudentStaffCounts.Student FTE.Total student FTE <i>plus</i> (StudentStaffCounts.StaffFTE.Total staff FTE <i>minus</i> StudentStaffCounts.StaffFTE.Residential staff FTE)	(F_STFTET + (F_SFFTET - F_SFRFTET))

Water costs and consumption	042C01S08R08	Water consumption per HE student and staff FTE	$A/(B+C+(D-E))$	2		EnvironmentEnergyEmissionsandWaste.WaterConsumption.Total water consumption	F_EWCONTO	StudentStaffCounts.StudentFTE.Teaching student FTE <i>plus</i> StudentStaffCounts.StudentFTE.Research student FTE <i>plus</i> (StudentStaffCounts.StaffFTE.Total staff FTE <i>minus</i> StudentStaffCounts.StaffFTE.Residential staff FTE)	(F_STFTETE + F_STFTERE + (F_SFFTET - F_SFRFTET))
Waste	042C01S09R04	Waste mass per student and staff FTE	$A/(B+(C-D))$	3		EnvironmentEnergyEmissionsandWaste.WasteMass.Total waste mass	F_EWMT	StudentStaffCounts.StudentFTE.Total student FTE <i>plus</i> (StudentStaffCounts.StaffFTE.Total staff FTE <i>minus</i> StudentStaffCounts.StaffFTE.Residential staff FTE)	(F_STFTET + (F_SFFTET - F_SFRFTET))
Waste	042C01S09R06	Waste mass per HE student and staff FTE	$A/(B+C+(D-E))$	3		EnvironmentEnergyEmissionsandWaste.WasteMass.Total waste mass	F_EWMT	StudentStaffCounts.StudentFTE.Teaching student FTE <i>plus</i> StudentStaffCounts.StudentFTE.Research student FTE <i>plus</i> (StudentStaffCounts.StaffFTE.Total staff FTE <i>minus</i> StudentStaffCounts.StaffFTE.Residential staff FTE)	(F_STFTETE + F_STFTERE + (F_SFFTET - F_SFRFTET))

Space allocation	042C13S02 R12	Gross internal area in metre ² per student and staff full-time equivalent (FTE)	$A/(B+(C-D))$	1	m ²	SpaceMeasurement.GrossInternalArea.Non-residential GIA	F_SMGIANR	StudentStaffCounts.StudentFTE.Total student FTE <i>plus</i> (StudentStaffCounts.StaffFTE.Total staff FTE <i>minus</i> StudentStaffCounts.StaffFTE.Residential staff FTE)	(F_STFTET + (F_SFFTET - F_SFRFTET))
Space allocation	042C13S02 R13	Gross internal area in metre ² per HE student and staff full-time equivalent (FTE)	$A/(B+C+(D-E))$	1	m ²	SpaceMeasurement.GrossInternalArea.Non-residential GIA	F_SMGIANR	StudentStaffCounts.StudentFTE.Teaching student FTE <i>plus</i> StudentStaffCounts.StudentFTE.Research student FTE <i>plus</i> (StudentStaffCounts.StaffFTE.Total staff FTE <i>minus</i> StudentStaffCounts.StaffFTE.Residential staff FTE)	(F_STFTETE + F_STFTERE + (F_SFFTET - F_SFRFTET))
Condition and suitability	042C13S03 R01	Building condition as percentage of gross internal area Condition A and B	A+B	1	%	BuildingsandFunctionality.ConditionAssessmentDefinition.Non-residential Building Condition Assessment Condition A <i>plus</i> BuildingsandFunctionality.ConditionAssessmentDefinition.Non-residential Building Condition Assessment Condition B	F_BNRADCA + F_BNRADCB		

Condition and suitability	042C13S03R	Proportion of space with functional suitability grades 1 and 2	A+B	1	%	BuildingsandFunctionality.FunctionalSuitability.Non-residential functional suitability grade 1 <i>plus</i> BuildingsandFunctionality.FunctionalSuitability.Non-residential functional suitability grade 2	F_BNRFSG1 + F_BNRFSG2		
Condition and suitability	042C13S03R	Cost to upgrade condition C and D to B as a proportion of total non-residential income	$(100*(A+B))/C$	1	%	BuildingsandFunctionality.ConditionAssessmentUpgradeCost.Non-residential building Condition Assessment cost to upgrade Condition D to B <i>plus</i> BuildingsandFunctionality.ConditionAssessmentUpgradeCost.Non-residential Building Condition Assessment cost to upgrade Condition C to B	F_BNRAUDB + F_BNRAUCB	Finance.Income.Non-residential income total	F_FINRIT
Linking property to business	042C13S05R	Ratio of total Property costs to HEP income	A/B	3		Finance.PropertyCosts.Non-residential property costs	F_FNRPCO	Finance.Expenditure.Non-residential income	F_FINRIT
Linking property to business	042C13S05R17	Insurance replacement value as a percentage of Non-residential income	$(100*A)/B$	1	%	BuildingsandFunctionality.InsuranceReplacementValue.Non-residential insurance replacement value	F_BNRIRV	Finance.Income.Non-residential income total	F_FINRIT

Utilisation ratios	042C13S06 R01	Total non-residential net internal area per student FTE	$A/(B+C+D)$	1		SpaceMeasurement.NetInternalArea.Non-residential NIA total	F_XUP_SMNI ANRT	StudentStaffCounts.Student FTE.Teaching student FTE <i>plus</i> StudentStaffCounts.Student FTE.Research student FTE <i>plus</i> StudentStaffCounts.Student FTE.FE student FTE	F_STFTETE + F_STFTERE + F_STFTEFE
Total property costs	042C13S07 R01	Total property costs per metre ² of net internal area	A/B	2	£	Finance.PropertyCosts.Non-residential property costs	F_FNRPCO	SpaceMeasurement.NetInternalArea.Non-residential NIA total	F_XUP_SMNI ANRT
Total property costs	042C13S07 R03	Total property costs per student FTE	$A/(B+C+D)$	2	£	Finance.PropertyCosts.Non-residential property costs	F_FNRPCO	StudentStaffCounts.Student FTE.Teaching student FTE <i>plus</i> StudentStaffCounts.Student FTE.Research student FTE <i>plus</i> StudentStaffCounts.Student FTE.FE student FTE	F_STFTETE + F_STFTERE + F_STFTEFE
Energy costs, consumption and emissions	042C13S10R	Scope 1 and 2 carbon emissions per HEP total non-residential income	$A/(10*B)$	2		EnvironmentEnergyEmissionsandWaste.Scope1and2CarbonEmissions.Non-residential scope 1 and 2 carbon emissions total	F_E12CENRT	Finance.Income.Non-residential income total	F_FINRIT

Energy costs, consumption and emissions	042C13S10R	Scope 1 and 2 carbon emissions per student and staff full-time equivalent (FTE)	$A/(1000*(B+(C-D)))$	1		EnvironmentEnergyEmissionsandWaste.Scope1and2CarbonEmissions.Non-residential scope 1 and 2 carbon emissions total	F_E12CENRT	StudentStaffCounts.StudentFTE.Total student FTE <i>plus</i> (StudentStaffCounts.StaffFTE.Total staff FTE <i>minus</i> StudentStaffCounts.StaffFTE.Residential staff FTE)	(F_STFTET + (F_SFFTET - F_SFRFTET))
Energy costs, consumption and emissions	042C13S10R	Scope 1 and 2 carbon emissions per HE student and staff full-time equivalent (FTE)	$A/(1000*(B+C+(D-E)))$	1		EnvironmentEnergyEmissionsandWaste.Scope1and2CarbonEmissions.Non-residential scope 1 and 2 carbon emissions total	F_E12CENRT	StudentStaffCounts.StudentFTE.Teaching student FTE <i>plus</i> StudentStaffCounts.StudentFTE.Research student FTE <i>plus</i> (StudentStaffCounts.StaffFTE.Total staff FTE <i>minus</i> StudentStaffCounts.StaffFTE.Residential staff FTE)	(F_STFTETE + F_STFTERE + (F_SFFTET - F_SFRFTET))
Linking property to business	042C14S04R05	HEP income per bedspace	A/B	2	£	Finance.Income.Residential and catering income	F_FIRI	SpaceMeasurement.NumberofBedSpaces.Residential number of bed spaces	F_SMRNBS
Utilisation ratios	042C14S05R06	Total property costs per bedspace	A/B	2	£	Finance.PropertyCosts.Residential property costs	F_FRPCO	SpaceMeasurement.NumberofBedSpaces.Residential number of bed spaces	F_SMRNBS
Total HEP									
Estate structure									
Estate structure	042C01S01R03	Ratio of net internal area to gross internal area	A/B	3		SpaceMeasurement.NetInternalArea.Total NIA	F_XUP_SMNIAT	SpaceMeasurement.GrossInternalArea.Total GIA	F_SMGIAT

Estate structure	042C01S01R04	Total non-residential net internal area as percentage of total net internal area	(100*A)/B	1	%	SpaceMeasurement.NetInternalArea.Non-residential NIA total	F_XUP_SMNI ANRT	SpaceMeasurement.NetInternalArea.Total NIA	F_XUP_SMNI AT
Estate structure	042C01S01R07	Ratio of net internal area commercial space to gross internal area commercial space	A/B	3		SpaceMeasurement.NetInternalAreaCommercialSpace.Total NIA commercial space	F_XUP_SMNI ACT	SpaceMeasurement.GrossInternalAreaCommercialSpace.Total GIA commercial space	F_SMGIACT
Linking property to business									
Linking property to business	042C01S03R01	Ratio of total property costs to HEP income	A/B	3		Finance.PropertyCosts.Total property costs	F_FTPCO	Finance.Income.Total income	F_FIIT
Linking property to business	042C01S03R02	Ratio of total property costs to HEP Expenditure	A/B	3		Finance.PropertyCosts.Total property costs	F_FTPCO	Finance.Expenditure.Total expenditure	F_FEXPT

Linking property to business	042C01S03R06	Total backlog affordability score	A/(B+C+D+E)	2		Finance.Income.Total income	F_FIIT	Buildingsandfunctionality.ConditionAssessmentUpgradeCost.Non-residential building condition assessment cost to upgrade condition D to B <i>plus</i> Buildingsandfunctionality.ConditionAssessmentUpgradeCost.Non-residential building condition assessment cost to upgrade condition C to B <i>plus</i> Buildingsandfunctionality.ConditionAssessmentUpgradeCost.Residential building condition assessment cost to upgrade condition D to B <i>plus</i> Buildingsandfunctionality.ConditionAssessmentUpgradeCost.Residential building condition assessment cost to upgrade condition C to B	F_BNRAUDB + F_BNRAUCB + F_BRAUDB + F_BRAUCB
Linking property to business	042C01S03R	Total income per metre ² of gross internal area	A/B	2	£	Finance.Income.Total income	F_FIIT	SpaceMeasurement.GrossInternalArea.Total GIA	F_SMGIAT
Total property costs									

Total property costs	042C01S04R	Total property costs per metre ² of net internal area	A/B	0	£	Finance.PropertyCosts.Total property costs	F_FTPCO	SpaceMeasurement.NetInternalArea.Total NIA	F_XUP_SMNIAT
Total property costs	042C01S04R03	Total property costs per student FTE	A/(B+C+D)	0	£	Finance.PropertyCosts.Total property costs	F_FTPCO	StudentStaffCounts.StudentFTE.Teaching student FTE <i>plus</i> StudentStaffCounts.StudentFTE.Research student FTE <i>plus</i> StudentStaffCounts.StudentFTE.FE student FTE	F_STFTETE + F_STFTERE + F_STFTEFE
Component revenue costs									

Component revenue costs	042C01S05 R01	Operating costs per metre ² of net internal area	(A+B+C+D+E+F)/G	0	£	Finance.InsurancePremiumsandContributions.Total insurance premiums and contributions <i>plus</i> Finance.NetServiceChargeandMiscellaneousPFlandP PPCosts.Total net service charge and miscellaneous PFI and PPP costs <i>plus</i> Finance.EnergyCosts.Total energy costs <i>plus</i> Finance.WaterandSewerageCosts.Total water and sewerage costs <i>plus</i> Finance.RepairsandMaintenanceCosts.Total repairs and maintenance costs <i>plus</i> Finance.CleaningCosts.Total cleaning costs	F_FIPCOT + F_FNSCTM + F_FECTOT + F_FWSCT + F_FRMCT + F_FCCT	SpaceMeasurement.NetInternalArea.Total NIA	F_XUP_SMNIAT
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Component revenue costs	042C01S05R02	Operating costs per student FTE	(A+B+C+D+E+F)/(G+H+I)	0	£	Finance.InsurancePremiumsandContributions.Total insurance premiums and contributions <i>plus</i> Finance.NetServiceChargeandMiscellaneousPFIandPPCosts.Total net service charge and miscellaneous PFI and PPP costs <i>plus</i> Finance.EnergyCosts.Total energy costs <i>plus</i> Finance.WaterandSewerageCosts.Total water and sewerage costs <i>plus</i> Finance.RepairsandMaintenanceCosts.Total repairs and maintenance costs <i>plus</i> Finance.CleaningCosts.Total cleaning costs	F_FIPCOT + F_FNSCTM + F_FECTOT + F_FWSCT + F_FRMCT + F_FCCT	StudentStaffCounts.StudentFTE.Teaching student FTE <i>plus</i> StudentStaffCounts.StudentFTE.Research student FTE <i>plus</i> StudentStaffCounts.StudentFTE.FE student FTE	F_STFTETE + F_STFTERE + F_STFTEFE
Component revenue costs	042C01S05R08	Cleaning costs per metre ² of net internal area	A/B	2	£	Finance.CleaningCosts.Total cleaning costs	F_FCCT	SpaceMeasurement.NetInternalArea.Total NIA	F_XUP_SMNIAT
Component revenue costs	042C01S05R	Total cleaning costs per metre ² of gross internal area	A/B	2	£	Finance.CleaningCosts.Total cleaning costs	F_FCCT	SpaceMeasurement.GrossInternalArea.Total GIA	F_SMGIAT
Analysis of maintenance									

Analysis of maintenance	042C01S06R08	Grounds maintenance costs per grounds area	A/B	0	£	Finance.RepairsandMaintenanceCosts.Total repairs and maintenance costs grounds	F_FRMCGT	SpaceMeasurement.GroundsArea.Total grounds area	F_SMGAT
Analysis of maintenance	042C01S06R09	Playing fields maintenance costs per playing fields area	A/B	0	£	Finance.RepairsandMaintenanceCosts.Total repairs and maintenance costs playing fields	F_FRMCPFT	SpaceMeasurement.PlyingFieldsArea.Total playing fields area	F_SMPFAT
Analysis of maintenance	042C01S06R15	Maintenance costs per metre ² of gross internal area commercial space	A/B	2	£	Finance.RepairsandMaintenanceCosts.Total repairs and maintenance costs	F_FRMCT	SpaceMeasurement.GrossInternalAreaCommercialSpace.Total GIA commercial space	F_SMGIACT
Energy costs, consumption and emissions									
Energy costs, consumption and emissions	042C01S07R02	Energy costs per 100 kWh consumption	(100*A)/B	2	£	Finance.EnergyCosts.Total energy costs	F_FECTOT	EnvironmentEnergyEmissionsandWaste.EnergyConsumption.Total energy consumption	F_EECTOT

Energy costs, consumption and emissions	042C01S07 R03	Electricity costs per 100 kWh consumption	$(100 \cdot A) / (B + C + D)$	2	£	Finance.EnergyCosts.Total energy costs electricity	F_FECELET	EnvironmentEnergyEmission sandWaste.EnergyConsumption. Energy consumption grid electricity <i>plus</i> EnvironmentEnergyEmission sandWaste.EnergyConsumption. Energy consumption electricity consumed from onsite CHP <i>plus</i> EnvironmentEnergyEmission sandWaste.EnergyConsumption. Energy consumption onsite photovoltaic	F_EEGELEC + F_EECELCHP + F_EECONPHO
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Energy costs, consumption and emissions	042C01S07 R04	Gas costs per 100 kWh consumption	$(100 \cdot A) / (B + C + D + E)$	2	£	Finance.EnergyCosts.Total energy costs gas	F_FECGAST	EnvironmentEnergyEmissionsandWaste.EnergyConsumption.Energy consumption compressed natural gas <i>plus</i> EnvironmentEnergyEmissionsandWaste.EnergyConsumption.Energy consumption liquefied natural gas <i>plus</i> EnvironmentEnergyEmissionsandWaste.EnergyConsumption.Energy consumption natural gas excluding that used as input for a CHP unit <i>plus</i> EnvironmentEnergyEmissionsandWaste.EnergyConsumption.Energy consumption natural gas used as input for a CHP unit	F_EECNGAS + F_EECLNGAS + F_EECNGSEX + F_EECNGCHP
Energy costs, consumption and emissions	042C01S07 R05	Energy costs gas as percentage of total energy costs	$(100 \cdot A) / B$	1	%	Finance.EnergyCosts.Total energy costs gas	F_FECGAST	Finance.EnergyCosts.Total energy costs	F_FECTOT

Energy costs, consumption and emissions	042C01S07 R06	Energy costs electricity as percentage of total energy costs	$(100 \cdot A) / B$	1	%	Finance.EnergyCosts.Total energy costs electricity	F_FECELET	Finance.EnergyCosts.Total energy costs	F_FECTOT
Energy costs, consumption and emissions	042C01S07 R07	Energy consumption kWh per metre ² of gross internal area	A/B	0		EnvironmentEnergyEmissionsandWaste.EnergyConsumption.Total energy consumption	F_EECTOT	SpaceMeasurement.GrossInternalArea.Total GIA	F_SMGIAT
Energy costs, consumption and emissions	042C01S07 R08	Energy consumption kWh per student FTE	$A / (B + C + D)$	0		EnvironmentEnergyEmissionsandWaste.EnergyConsumption.Total energy consumption	F_EECTOT	StudentStaffCounts.StudentFTE.Teaching student FTE <i>plus</i> StudentStaffCounts.StudentFTE.Research student FTE <i>plus</i> StudentStaffCounts.StudentFTE.FE student FTE	F_STFTETE + F_STFTERE + F_STFTEFE
Energy costs, consumption and emissions	042C01S07 R10	Notional energy emissions (kg CO ₂ e) per metre ² of gross internal area	A/B	0		EnvironmentEnergyEmissionsandWaste.Scope1and2CarbonEmissions.Total scope 1 and 2 carbon emissions	F_E12CET	SpaceMeasurement.GrossInternalArea.Total GIA	F_SMGIAT

Energy costs, consumption and emissions	042C01S07R11	Notional energy emissions (kg CO ₂ e) per student FTE	A/(B+C+D)	0		EnvironmentEnergyEmissionsandWaste.Scope1and2CarbonEmissions.Total scope 1 and 2 carbon emissions	F_E12CET	StudentStaffCounts.StudentFTE.Teaching student FTE plus StudentStaffCounts.StudentFTE.Research student FTE plus StudentStaffCounts.StudentFTE.FE student FTE	F_STFTETE + F_STFTERE + F_STFTEFE
Energy costs, consumption and emissions	042C01S07R13	Energy costs per metre ² of gross internal area commercial space	A/B	2	£	Finance.EnergyCosts.Total energy costs	F_FECTOT	SpaceMeasurement.GrossInternalAreaCommercialSpace.Total GIA commercial space	F_SMGIACT
Energy costs, consumption and emissions	042C01S07R14	Notional energy emissions (kg CO ₂ e) per metre ² of gross internal area commercial space	A/B	0		EnvironmentEnergyEmissionsandWaste.Scope1and2CarbonEmissions.Total scope 1 and 2 carbon emissions	F_E12CET	SpaceMeasurement.GrossInternalAreaCommercialSpace.Total GIA commercial space	F_SMGIACT
Energy costs, consumption and emissions	042C01S07R15	Energy consumption kWh per metre ² of gross internal area commercial space	A/B	0		EnvironmentEnergyEmissionsandWaste.EnergyConsumption.Total energy consumption	F_EECTOT	SpaceMeasurement.GrossInternalArea.Total GIA commercial space	F_SMGIACT
Water costs and consumption									

Waste	042C01S09 R01	Waste mass (tonnes) per student FTE	$A/(B+C+D)$	3		EnvironmentEnergyEmissionsandWaste.WasteMass.Total waste mass	F_EWMT	StudentStaffCounts.StudentFTE.Teaching student FTE plus StudentStaffCounts.StudentFTE.Research student FTE plus StudentStaffCounts.StudentFTE.FE student FTE	F_STFTETE + F_STFTERE + F_STFTEFE
Waste	042C01S09 R02	Waste mass (tonnes) per metre ² gross internal area	A/B	3		EnvironmentEnergyEmissionsandWaste.WasteMass.Total waste mass	F_EWMT	SpaceMeasurement.GrossInternalArea.Total GIA	F_SMGIAT
Waste	042C01S09 R03	Recycled waste proportion	$(100*A)/B$	1	%	EnvironmentEnergyEmissionsandWaste.WasteMass.Total waste mass recycled	F_EWMRECT	EnvironmentEnergyEmissionsandWaste.WasteMass.Total waste mass	F_EWMT
Waste	042C01S09 R05	Waste mass (tonnes) per metre ² gross internal area commercial space	A/B	3		EnvironmentEnergyEmissionsandWaste.WasteMass.Total waste mass	F_EWMT	SpaceMeasurement.GrossInternalAreaCommercialSpace.Total GIA commercial space	F_SMGIACT
Property management costs									

Property Management costs	042C01S10R02	External Property Management costs as percentage of Total Property Management costs	$(100 \cdot A) / (B + C)$	1	%	Finance.ExternallyProvidedPropertyManagementCosts.Total externally-provided property management costs	F_FEPPMCT	Finance.InternallyIncurredPropertyManagementCosts.Total Internally-incurred property management costs <i>plus</i> Finance.ExternallyProvidedPropertyManagementCosts.Total Externally-provided property management costs	F_FIIPMCT + F_FEPPMCT
Total non-residential									
Estate structure									
Estate structure	042C13S01R03	Ratio of net internal area to gross internal area	A/B	3		SpaceMeasurement.NetInternalArea.Non-residential NIA total	F_XUP_SMNIANRT	SpaceMeasurement.GrossInternalArea.Non-residential GIA	F_SMGIANR
Estate structure	042C13S01R07	Tenure as percentage of gross internal area freehold/long-leasehold	A+B	1	%	BuildingsandFunctionality.Tenure.Non-residential tenure freehold <i>plus</i> BuildingsandFunctionality.Tenure.Non-residential tenure long leasehold	F_BNRTF + F_BNRTLL		

Estate structure	042C13S01R08	Construction date as percentage of gross internal area Pre-1940	A+B+C	1	%	BuildingsandFunctionality.ConstructionDate.Non-residential construction date 1915-1939 <i>plus</i> BuildingsandFunctionality.ConstructionDate.Non-residential construction date 1840-1914 <i>plus</i> BuildingsandFunctionality.ConstructionDate.Non-residential construction date before 1840	F_BNRD1915 + F_BNRD1840 + F_BNRB1840		
Estate structure	042C13S01R09	Construction date as percentage of gross internal area built since 1980	A+B	1	%	BuildingsandFunctionality.ConstructionDate.Non-residential construction date 1980-1999 <i>plus</i> BuildingsandFunctionality.ConstructionDate.Non-residential construction date since 2000	F_BNRD1980 + F_BNRD2000		
Estate structure	042C13S01R10	Proportion of teaching area centrally timetabled	A	1	%	BuildingsandFunctionality.PercentageofNetInternalAreaUsedForTimeTabledTeaching.Teaching not offices percentage of all NIA used for time-tabled teaching	F_BNIATE		
Estate structure	042C13S01R11	Listed building coverage as percentage of gross internal area	(100*A)/B	1	%	BuildingsandFunctionality.ListedBuildingCoverage.Non-residential listed building coverage	F_BNRLBC	SpaceMeasurement.GrossInternalArea.Non-residential GIA	F_SMGIANR

Estate structure	042C13S01 R13	Ratio of net internal area commercial space to gross internal area commercial space	A/B	3		SpaceMeasurement.NetInternalArea.Non-residential NIA commercial space	F_XUP_SMNI ANRC	SpaceMeasurement.GrossInternalAreaCommercialSpace.Non-residential GIA commercial space	F_SMGIANRC
Estate structure	042C13S01 R14	Listed building coverage as percentage of gross internal area commercial space	(100*A)/B	1	%	BuildingsandFunctionality.ListedBuildingCoverage.Non-residential listed building coverage	F_BNRLBC	SpaceMeasurement.GrossInternalAreaCommercialSpace.Non-residential GIA commercial space	F_SMGIANRC
Space allocation									
Space allocation	042C13S02 R01	Teaching net internal area as percentage of total net internal area	(100*A)/B	1	%	SpaceMeasurement.NetInternalArea.Teaching NIA total	F_XUP_SMNI ATET	SpaceMeasurement.NetInternalArea.Non-residential NIA total	F_XUP_SMNI ANRT
Space allocation	042C13S02 R02	Research net internal area as percentage of total net internal area	(100*A)/B	1	%	SpaceMeasurement.NetInternalArea.Research NIA total	F_XUP_SMNI ARET	SpaceMeasurement.NetInternalArea.Non-residential NIA total	F_XUP_SMNI ANRT

Space allocation	042C13S02 R03	Support net internal area as percentage of total net internal area	$(100 \cdot A)/B$	1	%	SpaceMeasurement.NetInternalArea.Support NIA total	F_XUP_SMNI AST	SpaceMeasurement.NetInternalArea.Non-residential NIA total	F_XUP_SMNI ANRT
Space allocation	042C13S02 R04	Other net internal area as percentage of total net internal area	$(100 \cdot A)/B$	1	%	SpaceMeasurement.NetInternalArea.Non-residential NIA other	F_XUP_SMNI ANRO	SpaceMeasurement.NetInternalArea.Non-residential NIA total	F_XUP_SMNI ANRT
Space allocation	042C13S02 R05	Vacant net internal area as percentage of total net internal area	$(100 \cdot A)/B$	1	%	SpaceMeasurement.NetInternalArea.Non-residential NIA vacant	F_XUP_SMNI ANRV	SpaceMeasurement.NetInternalArea.Non-residential NIA total	F_XUP_SMNI ANRT
Space allocation	042C13S02 R06	Office net internal area as percentage of total net internal area	$(100 \cdot (A + B + C))/D$	1	%	SpaceMeasurement.NetInternalArea.Teaching offices NIA <i>plus</i> SpaceMeasurement.NetInternalArea.Research offices NIA <i>plus</i> SpaceMeasurement.NetInternalArea.Support offices NIA	F_XUP_SMNI ATEO + F_XUP_SMNI AREO + F_XUP_SMNI ASO	SpaceMeasurement.NetInternalArea.Non-residential NIA total	F_XUP_SMNI ANRT

Space allocation	042C13S02 R08	Specialist academic area as percentage of all academic net internal area	$(100*A)/(B+C)$	1	%	SpaceMeasurement.SpecialistAcademicArea.Total specialist academic area	F_XUP_SMSAA	SpaceMeasurement.NetInternalArea.Research not offices NIA <i>plus</i> SpaceMeasurement.NetInternalArea.Teaching not offices NIA	F_XUP_SMNIARE + F_XUP_SMNIATE
Space allocation	042C13S02 R09	Specialist teaching net internal area as percentage of core teaching space	$(100*A)/B$	1	%	SpaceMeasurement.SpecialistAcademicArea.Teaching not offices specialist academic area	F_XUP_SMTE SAA	SpaceMeasurement.NetInternalArea.Teaching not offices NIA	F_XUP_SMNIATE
Space allocation	042C13S02 R10	Specialist research net internal area as percentage of core research space	$(100*A)/B$	1	%	SpaceMeasurement.SpecialistAcademicArea.Research not offices specialist academic area	F_XUP_SMRE SAA	SpaceMeasurement.NetInternalArea.Research not offices NIA	F_XUP_SMNIARE
Space allocation	042C13S02 R11	Learning centre net internal area as percentage of support net internal area	$(100*A)/B$	1	%	SpaceMeasurement.NetInternalArea.Support NIA learning centre space	F_XUP_SMNIALC	SpaceMeasurement.NetInternalArea.Support NIA total	F_XUP_SMNIAST
Condition and suitability									

Condition and suitability	042C13S03R02	Building condition as percentage of gross internal area Condition D	A	1	%	BuildingsandFunctionality.ConditionAssessmentDefinition.Non-residential building condition assessment condition D	F_BNRADCD		
Condition and suitability	042C13S03R04	Cost to upgrade condition C and D to B as percentage of insurance replacement value	$(100*(A+B))/C$	1	%	BuildingsandFunctionality.ConditionAssessmentUpgradeCost.Non-residential building condition assessment cost to upgrade condition D to B <i>plus</i> BuildingsandFunctionality.ConditionAssessmentUpgradeCost.Non-residential building condition assessment cost to upgrade condition C to B	F_BNRAUDB + F_BNRAUCB	BuildingsandFunctionality.InsuranceReplacementValue.Non-residential insurance replacement value	F_BNRIRV
Condition and suitability	042C13S03R06	Non residential backlog affordability score	$A/(B+C)$	1		Finance.Income.Non-residential income total	F_FINRIT	BuildingsandFunctionality.ConditionAssessmentUpgradeCost.Non-residential building condition assessment cost to upgrade condition C to B <i>plus</i> BuildingsandFunctionality.ConditionAssessmentUpgradeCost.Non-residential building condition assessment cost to upgrade condition D to B	F_BNRAUCB + F_BNRAUDB
Capital expenditure and value									

Capital expenditure and value	042C13S04 R01	Insurance replacement value per metre ² of gross internal area	A/B	2	£	BuildingsandFunctionality.InsuranceReplacementValue.Non-residential insurance replacement value	F_BNRIRV	SpaceMeasurement.GrossInternalArea.Non-residential GIA	F_SMGIANR
Capital expenditure and value	042C13S04 R07	Insurance replacement value per metre ² of gross internal area commercial space	A/B	2	£	BuildingsandFunctionality.InsuranceReplacementValue.Non-residential insurance replacement value	F_BNRIRV	SpaceMeasurement.GrossInternalAreaCommercialSpace.Non-residential GIA commercial space	F_SMGIACT
Linking property to business									
Linking property to business	042C13S05 R02	Ratio of total property costs to HEP expenditure	A/B	3		Finance.PropertyCosts.Non-residential property costs	F_FNRPCO	Finance.Expenditure.Non-residential expenditure	F_FENREXP
Linking property to business	042C13S05 R03	HEP income per student FTE	A/(B+C+D)	2	£	Finance.Income.Non-residential income total	F_FINRIT	StudentStaffCounts.StudentFTE.Teaching student FTE <i>plus</i> StudentStaffCounts.StudentFTE.Research student FTE <i>plus</i> StudentStaffCounts.StudentFTE.FE student FTE	F_STFTETE + F_STFTERE + F_STFTEFE
Linking property to business	042C13S05 R04	HEP income per metre ² of net internal area	A/B	2	£	Finance.Income.Non-residential income total	F_FINRIT	SpaceMeasurement.NetInternalArea.Non-residential NIA total	F_XUP_SMNIANRT

Linking property to business	042C13S05 R05	Teaching HEP income per metre ² of net internal area	A/B	2	£	Finance.Income.Teaching income	F_FITEI	SpaceMeasurement.NetInternalArea.Teaching NIA total	F_XUP_SMNI ATET
Linking property to business	042C13S05 R06	Research HEP income per metre ² of net internal area	A/B	2	£	Finance.Income.Research income	F_FIREI	SpaceMeasurement.NetInternalArea.Research NIA total	F_XUP_SMNI ARET
Linking property to business	042C13S05 R07	Other HEP income per metre ² of net internal area	A/B	2	£	Finance.Income.Other non-residential income	F_FINRIO	SpaceMeasurement.NetInternalArea.Non-residential NIA other	F_XUP_SMNI ANRO
Linking property to business	042C13S05 R13	Non-residential income per metre ² of gross internal area	A/B	2	£	Finance.Income.Non-residential income total	F_FINRIT	SpaceMeasurement.GrossInternalArea.Non-residential GIA	F_SMGIANR
Linking property to business	042C13S05 R14	Teaching income per metre ² of gross internal area	A/B	2	£	Finance.Income.Teaching income	F_FITEI	SpaceMeasurement.GrossInternalArea.Non-residential GIA	F_SMGIANR
Linking property to business	042C13S05 R15	Research income per metre ² of gross internal area	A/B	2	£	Finance.Income.Research income	F_FIREI	SpaceMeasurement.GrossInternalArea.Non-residential GIA	F_SMGIANR

Linking property to business	042C13S05 R16	Other non-residential income per metre ² of gross internal area	A/B	2	£	Finance.Income.Other non-residential income	F_FINRIO	SpaceMeasurement.GrossInternalArea.Non-residential GIA	F_SMGIANR
Utilisation ratios									
Utilisation ratios	042C13S06 R02	Academic space per student FTE	$(A+B)/(C+D+E)$	1		SpaceMeasurement.NetInternalArea.Teaching NIA total <i>plus</i> SpaceMeasurement.NetInternalArea.Research NIA total	F_XUP_SMNI ATE + F_XUP_SMNI ARET	StudentStaffCounts.StudentFTE.Teaching student FTE <i>plus</i> StudentStaffCounts.StudentFTE.Research student FTE <i>plus</i> StudentStaffCounts.StudentFTE.FE student FTE	F_STFTETE + F_STFTERE + F_STFTEFE
Utilisation ratios	042C13S06 R03	Core teaching space per taught student FTE	A/B	1		SpaceMeasurement.NetInternalArea.Teaching not offices NIA	F_XUP_SMNI ATE	StudentStaffCounts.StudentFTE.Teaching student FTE	F_STFTETE
Utilisation ratios	042C13S06 R04	Academic office net internal area per academic staff FTE	$(A+B)/(C)$	1		SpaceMeasurement.NetInternalArea.Teaching offices NIA <i>plus</i> SpaceMeasurement.NetInternalArea.Research offices NIA	F_XUP_SMNI ATEO + F_XUP_SMNI AREO	StudentStaffCounts.StaffFTE.Total teaching and research staff FTE	F_SFTERET
Utilisation ratios	042C13S06 R05	Support office net internal area per support office staff FTE	A/B	1		SpaceMeasurement.NetInternalArea.Support offices NIA	F_XUP_SMNI ASO	StudentStaffCounts.StaffFTE.Support offices staff FTE	F_SSFTEOF

Utilisation ratios	042C13S06 R06	Frequency rate teaching space	A	1	%	SpaceMeasurement.FrequencyRate.Teaching not offices frequency rate percentage	F_SMTEFRP		
Utilisation ratios	042C13S06 R07	Occupancy rate teaching space	A	1	%	SpaceMeasurement.OccupancyRate.Teaching not offices occupancy rate percentage	F_SMORTEP		
Utilisation ratios	042C13S06 R08	Utilisation rate teaching space	$(A*B)/10000$	3		Teaching not offices frequency rate percentage <i>plus</i> Teaching not offices occupancy rate percentage	F_SMTEFRP + F_SMORTEP		10000
Utilisation ratios	042C13S06 R09	Frequency rate coverage as percentage of core teaching net internal area	$(100*A)/B$	1	%	SpaceMeasurement.SpaceUtilisationSurveyAreaCovered.Teaching area covered by the Space Utilisation Survey	F_SMTESUS	SpaceMeasurement.NetInternalArea.Teaching not offices NIA	F_XUP_SMNIATE
Utilisation ratios	042C13S06 R11	Catering net internal area per student FTE	$A/(B+C+D)$	1		SpaceMeasurement.NetInternalArea.Support NIA associated with catering	F_XUP_SMNIACS	StudentStaffCounts.StudentFTE.Teaching student FTE <i>plus</i> StudentStaffCounts.StudentFTE.Research student FTE <i>plus</i> StudentStaffCounts.StudentFTE.FE student FTE	F_STFTETE + F_STFTERE + F_STFTEFE

Utilisation ratios	042C13S06 R15	Learning centre net internal area per student FTE	A/(B+C+D)	1		SpaceMeasurement.NetInternalArea.Support NIA learning centre space	F_XUP_SMNI ALC	StudentStaffCounts.Student FTE.Teaching student FTE <i>plus</i> StudentStaffCounts.Student FTE.Research student FTE <i>plus</i> StudentStaffCounts.Student FTE.FE student FTE	F_STFTETE + F_STFTERE + F_STFTEFE
Component revenue costs									

Component revenue costs	042C13S08 R01	Non-residential operating costs per metre ² of net internal area	(A+B+C+D+E+F)/G	2	£	<p>Finance.InsurancePremiumsandContributions.Non-residential insurance premiums and contributions <i>plus</i> Finance.NetServiceChargeandMiscellaneousPFIandPPPCosts.Non-residential net service charge and miscellaneous PFI and PPP costs <i>plus</i> Finance.EnergyCosts.Non-residential energy costs total <i>plus</i> Finance.WaterandSewerageCosts.Non-residential water and sewerage costs total <i>plus</i> Finance.RepairsandMaintenanceCosts.Non-residential repairs and maintenance costs total <i>plus</i> Finance.CleaningCosts.Non-residential cleaning costs total</p>	<p>F_FNRIPCO + F_FNRNSCM + F_FNRECTOT + F_FNRWSCT + F_FNRRMCT + F_FNRCCT</p>	SpaceMeasurement.NetInternalArea.Non-residential NIA total	F_XUP_SMNI ANRT
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Component revenue costs	042C13S08 R02	Non residential operating costs per student FTE	(A+B+C+D+E+F)/(G+H+I)	2	£	Finance.InsurancePremiumsandContributions.Non-residential insurance premiums and contributions <i>plus</i> Finance.NetServiceChargeandMiscellaneousPFlandPPPCosts.Non-residential net service charge and miscellaneous PFI and PPP costs <i>plus</i> Finance.EnergyCosts.Non-residential energy costs total <i>plus</i> Finance.WaterandSewerageCosts.Non-residential water and sewerage costs total <i>plus</i> Finance.RepairsandMaintenanceCosts.Non-residential repairs and maintenance costs total <i>plus</i> Finance.CleaningCosts.Non-residential cleaning costs total	F_FNRIPCO + F_FNRNSCM + F_FNRECTOT + F_FNRWSCT + F_FNRRMCT + F_FNRCCT	StudentStaffCounts.StudentFTE.Teaching student FTE <i>plus</i> StudentStaffCounts.StudentFTE.Research student FTE <i>plus</i> StudentStaffCounts.StudentFTE.FE student FTE	F_STFTETE + F_STFTERE + F_STFTEFE
Component revenue costs	042C13S08 R10	Cleaning costs per metre ² of net internal area	A/B	2	£	Finance.CleaningCosts.Non-residential cleaning costs total	F_FNRCCT	SpaceMeasurement.NetInternalArea.Non-residential NIA total	F_XUP_SMNI ANRT

Component revenue costs	042C13S08 R11	Internal cleaning costs per metre ² of area cleaned	A/B	2	£	Finance.CleaningCosts.Non-residential cleaning costs internal	F_FNRCCIN	SpaceMeasurement.GrossInternalArea.Non-residential GIA cleaned	F_SMNRGIAC
Component revenue costs	042C13S08 R14	Rates paid as percentage of total property costs	(100*A)/B	1	%	Finance.RatesPaid.Non-residential rates paid	F_FNRERP	Finance.PropertyCosts.Non-residential property costs	F_FNRPCO
Component revenue costs	042C13S08 R15	Net service charges as percentage of total property costs	(100*A)/B	1	%	Finance.NetServiceCharge andMiscellaneousPFIandP PPCosts.Non-residential net service charge and miscellaneous PFI and PPP costs	F_FNRNSCM	Finance.PropertyCosts.Non-residential property costs	F_FNRPCO
Component revenue costs	042C13S08 R16	Maintenance costs as percentage of total property costs	(100*A)/B	1	%	Finance.RepairsandMaintenanceCosts.Non-residential repairs and maintenance costs total	F_FNRERMCT	Finance.PropertyCosts.Non-residential property costs	F_FNRPCO
Component revenue costs	042C13S08R	Non-residential cleaning costs per metre ² of gross internal area	A/B	2	£	Finance.CleaningCosts.Non-residential cleaning costs total	F_FNRCCT	SpaceMeasurement.GrossInternalArea.Non-residential GIA	F_SMGIANR
Analysis of maintenance									

Analysis of maintenance	042C13S09R01	Maintenance costs per metre ² of gross internal area	A/B	2	£	Finance.RepairsandMaintenanceCosts.Non-residential repairs and maintenance costs total	F_FNRRMCT	SpaceMeasurement.GrossInternalArea.Non-residential GIA	F_SMGIANR
Analysis of maintenance	042C13S09R11	Maintenance costs per metre ² of gross internal area commercial space	A/B	2	£	Finance.RepairsandMaintenanceCosts.Non-residential repairs and maintenance costs total	F_FNRRMCT	SpaceMeasurement.GrossInternalAreaCommercialSpace.Non-residential GIA commercial space	F_SMGIACT
Energy costs, consumption and emissions									
Energy costs, consumption and emissions	042C13S10R01	Non-residential energy costs per metre ² of gross internal area	A/B	2	£	Finance.EnergyCosts.Non-residential energy costs total	F_FNRECTOT	SpaceMeasurement.GrossInternalArea.Non-residential GIA	F_SMGIANR
Energy costs, consumption and emissions	042C13S10R02	Average Energy costs per 100 kWh consumption	(100*A)/B	2	£	Finance.EnergyCosts.Non-residential energy costs total	F_FNRECTOT	EnvironmentEnergyEmissionsandWaste.EnergyConsumption.Non-residential energy consumption total	F_ENRECT
Energy costs, consumption and emissions	042C13S10R04	Energy costs electricity as percentage of total energy costs	(100*A)/B	1	%	Finance.EnergyCosts.Non-residential energy costs electricity	F_FNRECELE	Finance.EnergyCosts.Non-residential energy costs total	F_FNRECTOT

Energy costs, consumption and emissions	042C13S10 R05	Energy costs (oil, coal, steam and hot water, other) as percentage of total energy costs	$(100*(A+B+C+D))/E$	1	%	Finance.EnergyCosts.Non-residential energy costs oil <i>plus</i> Finance.EnergyCosts.Non-residential energy costs coal (industrial) <i>plus</i> Finance.EnergyCosts.Non-residential energy costs steam and hot water <i>plus</i> Finance.EnergyCosts.Non-residential energy costs other	F_FNRECOIL + F_FNRECCOA + F_FNRECSHW + F_FNRECOTH	Finance.EnergyCosts.Non-residential energy costs total	F_FNRECTOT
Energy costs, consumption and emissions	042C13S10 R06	Energy consumption kWh per metre ² of gross internal area	A/B	0		EnvironmentEnergyEmissionsandWaste.EnergyConsumption.Non-residential energy consumption total	F_ENRECT	SpaceMeasurement.GrossInternalArea.Non-residential GIA	F_SMGIANR
Energy costs, consumption and emissions	042C13S10 R08	Energy consumption kWh per student FTE	$A/(B+C+D)$	0		EnvironmentEnergyEmissionsandWaste.EnergyConsumption.Non-residential energy consumption total	F_ENRECT	StudentStaffCounts.StudentFTE.Teaching student FTE <i>plus</i> StudentStaffCounts.StudentFTE.Research student FTE <i>plus</i> StudentStaffCounts.StudentFTE.FE student FTE	F_STFTETE + F_STFTERE + F_STFTEFE

Energy costs, consumption and emissions	042C13S10R10	Notional energy emissions (kg CO ₂ e) per metre ² of gross internal area	A/B	0		EnvironmentEnergyEmissionsandWaste.Scope1and2CarbonEmissions.Non-residential scope 1 and 2 carbon emissions total	F_E12CENRT	SpaceMeasurement.GrossInternalArea.Non-residential GIA	F_SMGIANR
Energy costs, consumption and emissions	042C13S10R11	Notional energy emissions (kg CO ₂ e) per student FTE	A/(B+C+D)	0		EnvironmentEnergyEmissionsandWaste.Scope1and2CarbonEmissions.Non-residential scope 1 and 2 carbon emissions total	F_E12CENRT	StudentStaffCounts.StudentFTE.Teaching student FTE <i>plus</i> StudentStaffCounts.StudentFTE.Research student FTE <i>plus</i> StudentStaffCounts.StudentFTE.FE student FTE	F_STFTETE + F_STFTERE + F_STFTEFE
Energy costs, consumption and emissions	042C13S10R15	Energy consumption kWh per metre ² of gross internal area commercial space	A/B	0		EnvironmentEnergyEmissionsandWaste.EnergyConsumption.Non-residential energy consumption total	F_ENRECT	SpaceMeasurement.GrossInternalAreaCommercialSpace.Non-residential GIA commercial space	F_SMGIANRC
Energy costs, consumption and emissions	042C13S10R16	Notional energy emissions (kg CO ₂ e) per metre ² of gross internal area commercial space	A/B	0		EnvironmentEnergyEmissionsandWaste.Scope1and2CarbonEmissions.Non-residential scope 1 and 2 carbon emissions total	F_E12CENRT	SpaceMeasurement.GrossInternalAreaCommercialSpace.Non-residential GIA commercial space	F_SMGIANRC

Energy costs, consumption and emissions	042C13S10 R17	Non-residential energy costs per metre ² of gross internal area commercial space	A/B	2	£	Finance.EnergyCosts.Non-residential energy costs total	F_FNRECTOT	SpaceMeasurement.GrossInternalAreaCommercialSpace.Non-residential GIA commercial space	F_SMGIACT
Water costs and consumption									
Water costs and consumption	042C13S11 R01	Water and sewerage costs per metre ² of gross internal area	A/B	2	£	Finance.WaterandSewerageCosts.Non-residential water and sewerage costs total	F_FNRWSCT	SpaceMeasurement.GrossInternalArea.Non-residential GIA	F_SMGIANR
Water costs and consumption	042C13S11 R02	Water and sewerage costs per metre ³ of consumption	A/B	2	£	Finance.WaterandSewerageCosts.Non-residential water and sewerage costs total	F_FNRWSCT	EnvironmentEnergyEmissionsandWaste.WaterConsumption.Non-residential water consumption	F_ENRWCON
Water costs and consumption	042C13S11 R03	Water consumption metre ³ per metre ² of gross internal area	A/B	1		EnvironmentEnergyEmissionsandWaste.WaterConsumption.Non-residential water consumption	F_ENRWCON	SpaceMeasurement.GrossInternalArea.Non-residential GIA	F_SMGIANR

Water costs and consumption	042C13S11 R05	Water consumption metre ³ per student FTE	A/(B+C+D)	1		EnvironmentEnergyEmissionsandWaste.WaterConsumption.Non-residential water consumption	F_ENRWCON	StudentStaffCounts.Student FTE.Teaching student FTE <i>plus</i> StudentStaffCounts.Student FTE.Research student FTE <i>plus</i> StudentStaffCounts.Student FTE.FE student FTE	F_STFTETE + F_STFTERE + F_STFTEFE
Water costs and consumption	042C13S11 R06	Water and sewerage costs per metre ² of gross internal area commercial space	A/B	2	£	Finance.WaterandSewerageCosts.Non-residential water and sewerage costs total	F_FNRWSCT	SpaceMeasurement.GrossInternalAreaCommercialSpace.Non-residential GIA commercial space	F_SMGIANRC
Water costs and consumption	042C13S11 R07	Water consumption metre ³ per metre ² of gross internal area commercial space	A/B	1		EnvironmentEnergyEmissionsandWaste.WaterConsumption.Non-residential water consumption	F_ENRWCON	SpaceMeasurement.GrossInternalAreaCommercialSpace.Non-residential GIA commercial space	F_SMGIANRC
Total residential									
Estate structure									
Estate structure	042C14S01 R04	Tenure as percentage of gross internal area, freehold/long-leasehold	A+B	1	%	BuildingsandFunctionality.Tenure.Residential tenure freehold <i>plus</i> BuildingsandFunctionality.Tenure.Residential tenure long leasehold	F_BRTF + F_BRTLL		

Estate structure	042C14S01 R05	Construction date as percentage of gross internal area Pre-1940	A+B+C	1	%	BuildingsandFunctionality.C onstructionDate.Residential construction date 1915-1939 <i>plus</i> BuildingsandFunctionality.C onstructionDate.Residential construction date 1840-1914 <i>plus</i> BuildingsandFunctionality.C onstructionDate.Residential construction date before 1840	F_BRD1915 + F_BRD1840 + F_BRB1840		
Estate structure	042C14S01 R06	Construction date as percentage of gross internal area built since 1980	A+B	1	%	BuildingsandFunctionality.C onstructionDate.Residential construction date 1980-1999 <i>plus</i> BuildingsandFunctionality.C onstructionDate.Residential construction date since 2000	F_BRD1980 + F_BRD2000		
Estate structure	042C14S01 R07	Listed building coverage as percentage of gross internal area	(100*A)/B	1	%	BuildingsandFunctionality.Li stedBuildingCoverage.Resi dential listed building coverage	F_BRLBC	SpaceMeasurement.GrossI nternalArea.Residential GIA	F_SMGIAR

Estate structure	042C14S01 R08	Listed building coverage as percentage of gross internal area commercial space	(100*A)/B	1	%	BuildingsandFunctionality.ListedBuildingCoverage.Residential listed building coverage	F_BRLBC	SpaceMeasurement.GrossInternalAreaCommercialSpace.Residential GIA commercial space	F_SMGIARC
Condition and suitability									
Condition and suitability	042C14S02 R01	Building condition as percentage of gross internal area Condition A and B	A+B	1	%	BuildingsandFunctionality.ConditionAssessmentDefinition.Residential building condition assessment condition A <i>plus</i> BuildingsandFunctionality.ConditionAssessmentDefinition.Residential building condition assessment condition B	F_BRADCA + F_BRADCB		
Condition and suitability	042C14S02 R02	Building condition as percentage of gross internal area Condition D	A	1	%	BuildingsandFunctionality.ConditionAssessmentDefinition.Residential building condition assessment condition D	F_BRADCD		
Condition and suitability	042C14S02 R05	Functional suitability as percentage of gross internal area Grade 1 and 2	A+B	1	%	BuildingsandFunctionality.FunctionalSuitability.Residential functional suitability grade 1 <i>plus</i> BuildingsandFunctionality.FunctionalSuitability.Residential functional suitability grade 2	F_BRFSG1 + F_BRFSG2		

Condition and suitability	042C14S02 R06	Residential backlog affordability score	A/(B+C)	1		Finance.Income.Residences and catering income	F_FIRI	BuildingsandFunctionality.ConditionAssessmentUpgradeCost.Residential building condition assessment cost to upgrade condition C to B <i>plus</i> BuildingsandFunctionality.ConditionAssessmentUpgradeCost.Residential building condition assessment cost to upgrade condition D to B	F_BRAUCB + F_BRAUDB
Linking property to business									
Linking property to business	042C14S04 R02	Ratio of total property costs to HEP Expenditure	A/B	3		Finance.PropertyCosts.Residential property costs	F_FRPCO	Finance.Expenditure.Residential expenditure	F_FEREXP
Linking property to business	042C14S04 R03	Ratio of residential HEP income to HEP Expenditure	A/B	3		Finance.Income.Residential and catering income	F_FIRI	Finance.Expenditure.Residential expenditure	F_FEREXP
Linking property to business	042C14S04 R04	HEP income per metre ² of net internal area	A/B	2	£	Finance.Income.Residential and catering income	F_FIRI	SpaceMeasurement.NetInternalArea.Residential NIA	F_XUP_SMNIPAR

Linking property to business	042C14S04 R08	Residential and catering income per metre ² of gross internal area	A/B	2	£	Finance.Income.Residential and catering income	F_FIRI	SpaceMeasurement.GrossInternalArea.Residential GIA	F_SMGIAR
Utilisation ratios									
Utilisation ratios	042C14S05 R02	Residential net internal area per bedspace	A/B	1		SpaceMeasurement.NetInternalArea.Residential NIA	F_XUP_SMNIAR	SpaceMeasurement.NumberOfBedSpaces.Residential number of bed spaces	F_SMRNBS
Utilisation ratios	042C14S05 R03	Average provision of bedspaces per student FTE	$A/(B+C+D)$	2		SpaceMeasurement.NumberOfBedSpaces.Residential number of bed spaces	F_SMRNBS	StudentStaffCounts.StudentFTE.Teaching student FTE plus StudentStaffCounts.StudentFTE.Research student FTE plus StudentStaffCounts.StudentFTE.FE student FTE	F_STFTETE + F_STFTERE + F_STFTEFE
Utilisation ratios	042C14S05 R04	Occupancy rate residential	A	1	%	SpaceMeasurement.OccupancyRate.Residential occupancy rate percentage	F_SMORRP		
Component revenue costs									
Component revenue costs	042C14S06 R07	Cleaning costs per metre ² of net internal area	A/B	2	£	Finance.CleaningCosts.Residential cleaning costs total	F_FRCCT	SpaceMeasurement.NetInternalArea.Residential NIA	F_XUP_SMNIAR
Component revenue costs	042C14S06 R08	Net service charges as percentage of total property costs	$(100*A)/B$	1	%	Finance.NetServiceCharge andMiscellaneousPFIandPPPCosts.Residential net service charge and miscellaneous PFI and PPP costs	F_FRNSCM	Finance.PropertyCosts.Residential property costs	F_FRPCO

Component revenue costs	042C14S06R09	Maintenance costs as percentage of total property costs	(100*A)/B	1	%	Finance.RepairsandMaintenanceCosts.Residential repairs and maintenance costs total	F_FRRMCT	Finance.PropertyCosts.Residential property costs	F_FRPCO
Component revenue costs	042C14S06R09	Residential cleaning costs per metre ² of gross internal area	A/B	2	£	Finance.CleaningCosts.Residential cleaning costs total	F_FRCCT	SpaceMeasurement.GrossInternalArea.Residential GIA	F_SMGIAR
Analysis of maintenance									
Analysis of maintenance	042C14S07R01	Maintenance costs per metre ² of gross internal area	A/B	2	£	Finance.RepairsandMaintenanceCosts.Residential repairs and maintenance costs total	F_FRRMCT	SpaceMeasurement.GrossInternalArea.Residential GIA	F_SMGIAR
Analysis of maintenance	042C14S07R11	Maintenance costs per metre ² of gross internal area commercial space	A/B	2	£	Finance.RepairsandMaintenanceCosts.Residential repairs and maintenance costs total	F_FRRMCT	SpaceMeasurement.GrossInternalAreaCommercialSpace.Residential GIA commercial space	F_SMGIARC
Energy costs, consumption and emissions									
Energy costs, consumption and emissions	042C14S08R01	Energy costs per metre ² of gross internal area	A/B	2	£	Finance.EnergyCosts.Residential energy costs total	F_FRECTOT	SpaceMeasurement.GrossInternalArea.Residential GIA	F_SMGIAR

Energy costs, consumption and emissions	042C14S08 R02	Energy costs per 100 kWh consumption	$(100*A)/B$	2	£	Finance.EnergyCosts.Residential energy costs total	F_FRECTOT	EnvironmentEnergyEmissionsandWaste.EnergyConsumption.Residential energy consumption total	F_ERECTOT
Energy costs, consumption and emissions	042C14S08 R03	Energy costs gas as percentage of total energy costs	$(100*A)/B$	1	%	Finance.EnergyCosts.Residential energy costs gas	F_FRECGAS	Finance.EnergyCosts.Residential energy costs total	F_FRECTOT
Energy costs, consumption and emissions	042C14S08 R04	Energy costs electricity as percentage of total energy costs	$(100*A)/B$	1	%	Finance.EnergyCosts.Residential energy costs electricity	F_FRECELE	Finance.EnergyCosts.Residential energy costs total	F_FRECTOT
Energy costs, consumption and emissions	042C14S08 R05	Energy consumption kWh per metre ² of gross internal area	A/B	0		EnvironmentEnergyEmissionsandWaste.EnergyConsumption.Residential energy consumption total	F_ERECTOT	SpaceMeasurement.GrossInternalArea.Residential GIA	F_SMGIAR
Energy costs, consumption and emissions	042C14S08 R08	Notional energy emissions (kg CO ₂ e) per metre ² of gross internal area	A/B	0		EnvironmentEnergyEmissionsandWaste.Scope1and2CarbonEmissions.Residential scope 1 and 2 carbon emissions total	F_E12CERT	SpaceMeasurement.GrossInternalArea.Residential GIA	F_SMGIAR

Energy costs, consumption and emissions	042C14S08 R10	Energy costs per metre ² of gross internal area commercial space	A/B	2	£	Finance.EnergyCosts.Residential energy costs total	F_FRECTOT	SpaceMeasurement.GrossInternalAreaCommercialSpace.Residential GIA commercial space	F_SMGIARC
Energy costs, consumption and emissions	042C14S08 R11	Energy consumption kWh per metre ² of gross internal area commercial space	A/B	0		EnvironmentEnergyEmissionsandWaste.EnergyConsumption.Residential energy consumption total	F_ERECTOT	SpaceMeasurement.GrossInternalAreaCommercialSpace.Residential GIA commercial space	F_SMGIARC
Energy costs, consumption and emissions	042C14S08 R12	Notional energy emissions (kg CO ₂ e) per metre ² of gross internal area commercial space	A/B	0		EnvironmentEnergyEmissionsandWaste.Scope1and2CarbonEmissions.Residential scope 1 and 2 carbon emissions total	F_E12CERT	SpaceMeasurement.GrossInternalAreaCommercialSpace.Residential GIA commercial space	F_SMGIARC
Water costs and consumption									
Water costs and consumption	042C14S09 R01	Water and sewerage costs per metre ² of gross internal area	A/B	2	£	Finance.WaterandSewerageCosts.Residential water and sewerage costs total	F_FRWSCT	SpaceMeasurement.GrossInternalArea.Residential GIA	F_SMGIAR

Water costs and consumption	042C14S09 R03	Water consumption metre ³ per metre ² of gross internal area	A/B	1		EnvironmentEnergyEmissionsandWaste.WaterConsumption.Residential water consumption	F_ERWCON	SpaceMeasurement.GrossInternalArea.Residential GIA	F_SMGIAR
Water costs and consumption	042C14S09 R05	Water and sewerage costs per metre ² of gross internal area commercial space	A/B	2	£	Finance.WaterandSewerageCosts.Residential water and sewerage costs total	F_FRWSCT	SpaceMeasurement.GrossInternalAreaCommercialSpace.Residential GIA commercial space	F_SMGIARC
Water costs and consumption	042C14S09 R06	Water consumption metre ³ per metre ² of gross internal area commercial space	A/B	1		EnvironmentEnergyEmissionsandWaste.WaterConsumption.Residential water consumption	F_ERWCON	SpaceMeasurement.GrossInternalAreaCommercialSpace.Residential GIA commercial space	F_SMGIARC