HESA calculated data items specification

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Please note that the total will only calculate if all of its constituent parts are returned.

Finance

Data Item	Description	Calculation
D26.C13	Total property costs Total Non-Residential	**D27.C13** Rateable value Total Non-Residential + **D28.C13** Rates paid Total Non-Residential + **D29.C13** Insurance premium Total Non-Residential + **D30.C13** Net service charge/miscellaneous PFI/PPP costs Total Non-Residential + **D31.C13** Energy costs Total Non-Residential + **D32.C13** Water & sewerage costs Total Non-Residential + **D33.C13** Total maintenance/repair costs Total Non-Residential + **D34.C13** Cleaning costs Total Non-Residential + **D35.C13a** Internal property management cost Total Non-Residential - Estates + **D36.C13a** External property management cost Total Non-Residential - Estates
D26.C14	Total property costs Residential	**D29.C14** Insurance premium Residential + **D30.C14** Net service charge/miscellaneous PFI/PPP costs Residential + **D31.C14** Energy costs Total Residential + **D32.C14** Water & sewerage costs Total Residential + **D33.C14** Total maintenance/repair costs Residential + **D34.C14** Cleaning costs Total Residential + **D35.C14a** Internal property management cost Residential - Estates + **D36.C14a** External property management cost Residential - Estates
D26.C01	Total property costs Total HEI	**D27.C13** Rateable value Total Non-Residential + **D28.C13** Rates paid Total Non-Residential + **D29.C01** Insurance premium Total HEI + **D29.C01** Insurance premium Total HEI + **D30.C01** Net service charge/miscellaneous PFI/PPP costs Total HEI+ **D31.C01** Energy costs Total HEI + **D31.C01** Energy costs Total HEI + **D32.C01** Water & sewerage costs Total HEI + **D33.C01** Total maintenance/repair costs Total HEI + **D34.C01** Cleaning costs Total HEI + **D35.C01a** Internal property management cost Total HEI - Estates + **D36.C01a** External property management cost Total HEI - Estates
D29.C01	Insurance premium Total HEI	**D29.C13** Insurance premium Total Non-Residential + **D29.C14** Insurance premium Residential
D30.C01	Net service charge/miscellaneous PFI/PPP costs Total HEI	**D30.C13** Net service charge/miscellaneous PFI/PPP costs Total Non-Residential + **D30.C14** Net service charge/miscellaneous PFI/PPP costs Residential
D31.C13	Energy costs Total Non-Residential	**D31.C13a** Energy costs Total Non-Residential - Oil + **D31.C13b** Energy costs Total Non-Residential - Gas + **D31.C13c** Energy costs Total Non-Residential - Electricity + **D31.C13d** Energy costs Total Non-Residential - Coal + **D31.C13e** Energy costs Total Non-Residential - Steam/Hot Water + **D31.C13f** Energy costs Total Non-Residential - Other fuels
D31.C14	Energy costs Total Residential	**D31.C14a** Energy costs Total Residential - Oil + **D31.C14b** Energy costs Total Residential - Gas + **D31.C14c** Energy costs Total Residential - Electricity + **D31.C14c** Energy costs Total Residential - Electricity + **D31.C14d** Energy costs Total Residential - Coal + **D31.C14e** Energy costs Total Residential - Steam/Hot Water + **D31.C14f** Energy costs Total Residential - Other fuels
D31.C01a	Energy costs Total HEI - Oil	**D31.C13a** Energy costs Total Non-Residential - Oil + **D31.C14a** Energy costs Total Residential - Oil
D31.C01b	Energy costs Total	**D31.C13b** Energy costs Total Non-Residential - Gas +

	HEI - Gas	**D31.C14b** Energy costs Total Residential - Gas
D31.C01c	Energy costs Total HEI - Electricity	**D31.C13c** Energy costs Total Non-Residential - Electricity + **D31.C14c** Energy costs Total Residential - Electricity
D31.C01d	Energy costs Total HEI - Coal	**D31.C13d** Energy costs Total Non-Residential - Coal + **D31.C14d** Energy costs Total Residential - Coal
D31.C01e	Energy costs Total HEI - Steam/Hot Water	**D31.C13e** Energy costs Total Non-Residential - Steam/Hot Water + **D31.C14e** Energy costs Total Residential - Steam/Hot Water
D31.C01f	Energy costs Total HEI - Other fuels	**D31.C13f** Energy costs Total Non-Residential - Other fuels + **D31.C14f** Energy costs Total Residential - Other fuels
D31.C01	Energy costs Total HEI	**D31.C01a** Energy costs Total HEI - Oil + **D31.C01b** Energy costs Total HEI - Gas + **D31.C01c** Energy costs Total HEI - Electricity + **D31.C01d** Energy costs Total HEI - Coal + **D31.C01e** Energy costs Total HEI - Steam/Hot Water + **D31.C01f** Energy costs Total HEI - Other fuels
D32.C13	Water & sewerage costs Total Non-Residential	**D32.C13a** Water costs Total Non-Residential + **D32.C13b** Sewerage costs Total Non-Residential
D32.C14	Water & sewerage costs Total Residential	**D32.C14a** Water costs Residential + **D32.C14b** Sewerage costs Residential
D32.C01a	Water costs Total HEI	**D32.C13a** Water costs Total Non-Residential + **D32.C14a** Water costs Residential
D32.C01b	Sewerage costs Total HEI	**D32.C13b** Sewerage costs Total Non-Residential + **D32.C14b** Sewerage costs Residential
D32.C01	Water & sewerage costs Total HEI	**D32.C01a** Water costs Total HEI + **D32.C01b** Sewerage costs Total HEI
D33.C13c	Total maintenance/repair costs Total Non-Residential - buildings total	**D33.C13a** Total maintenance/repair costs Total Non-Residential - buildings planned + **D33.C13b** Total maintenance/repair costs Total Non-Residential - buildings reactive
D33.C13	Total maintenance/repair costs Total Non-Residential	**D33.C13c** Total maintenance/repair costs Total Non-Residential - buildings total + **D33.C13d** Total maintenance/repair costs Total Non-Residential - grounds + **D33.C13e** Total maintenance/repair costs Total Non-Residential - playing fields
D33.C14c	Total maintenance/repair costs Residential - buildings total	**D33.C14a** Total maintenance/repair costs Residential - buildings planned + **D33.C14b** Total maintenance/repair costs Residential - buildings reactive
D33.C14	Total maintenance/repair costs Residential	**D33.C14c** Total maintenance/repair costs Residential - buildings total + **D33.C14d** Total maintenance/repair costs Residential - grounds + **D33.C14e** Total maintenance/repair costs Residential - playing fields
D33.C01a	Total maintenance/repair costs Total HEI - buildings planned	**D33.C13a** Total maintenance/repair costs Total Non-Residential - buildings planned + **D33.C14a** Total maintenance/repair costs Residential - buildings planned
D33.C01b	Total maintenance/repair costs Total HEI - buildings reactive	**D33.C13b** Total maintenance/repair costs Total Non-Residential - buildings reactive + **D33.C14b** Total maintenance/repair costs Residential - buildings reactive
D33.C01c	Total maintenance/repair costs Total HEI - buildings total	**D33.C13c** Total maintenance/repair costs Total Non-Residential - buildings total + **D33.C14c** Total maintenance/repair costs Residential - buildings total
D33.C01d	Total maintenance/repair costs Total HEI - grounds	**D33.C13d** Total maintenance/repair costs Total Non-Residential - grounds + **D33.C14d** Total maintenance/repair costs Residential - grounds

D33.C01e	Total maintenance/repair costs Total HEI - playing fields	**D33.C13e** Total maintenance/repair costs Total Non-Residential - playing fields + **D33.C14e** Total maintenance/repair costs Residential - playing fields
D33.C01	Total maintenance/repair costs Total HEI	**D33.C01c** Total maintenance/repair costs Total HEI - buildings total + **D33.C01d** Total maintenance/repair costs Total HEI - grounds + **D33.C01e** Total maintenance/repair costs Total HEI - playing fields
D34.C13	Cleaning costs Total Non-Residential	**D34.C13a** Cleaning costs Total Non-Residential - Internal + **D34.C13b** Cleaning costs Total Non-Residential - External
D34.C14	Cleaning costs Total Residential	**D34.C14a** Cleaning costs Total Residential - Internal + **D34.C14b** Cleaning costs Total Residential - External
D34.C01a	Cleaning costs Total HEI - Internal	**D34.C13a** Cleaning costs Total Non-Residential - Internal + **D34.C14a** Cleaning costs Total Residential - Internal
D34.C01b	Cleaning costs Total HEI - External	**D34.C13b** Cleaning costs Total Non-Residential - External + **D34.C14b** Cleaning costs Total Residential - External
D34.C01	Cleaning costs Total HEI	**D34.C01a** Cleaning costs Total HEI - Internal + **D34.C01b** Cleaning costs Total HEI - External
D35.C13	Internal property management cost Total Non-Residential	**D35.C13a** Internal property management cost Total Non-Residential - Estates + **D35.C13b** Internal property management cost Residential - Facilities + **D35.C13c** Internal property management cost Total Non-Residential - Project Management
D35.C14	Internal property management cost Residential	**D35.C14a** Internal property management cost Residential - Estates + **D35.C14b** Internal property management cost Residential - Facilities + **D35.C14c** Internal property management cost Residential - Project Management
D35.C01a	Internal property management cost Total HEI - Estates	**D35.C13a** Internal property management cost Total Non-Residential - Estates + **D35.C14a** Internal property management cost Residential - Estates
D35.C01b	Internal property management cost Total HEI - Facilities	**D35.C13b** Internal property management cost Total Non-Residential - Facilities + **D35.C14b** Internal property management cost Residential - Facilities
D35.C01c	Internal property management cost Total HEI - Project Management	**D35.C13c** Internal property management cost Total Non-Residential - Project Management + **D35.C14c** Internal property management cost Residential - Project Management
D35.C01	Internal property management cost Total HEI	**D35.C01a** Internal property management cost Total HEI - Estates + **D35.C01b** Internal property management cost Total HEI - Facilities + **D35.C01c** Internal property management cost Total HEI - Project Management
D36.C13	External property management cost Total Non-Residential	**D36.C13a** External property management cost Total Non-Residential - Estates + **D36.C13b** External property management cost Total Non-Residential - Facilities + **D36.C13c** External property management cost Total Non-Residential - Project Management
D36.C14	External property management cost Residential	**D36.C14a** External property management cost Residential - Estates + **D36.C14b** External property management cost Residential - Facilities + **D36.C14c** External property management cost Residential - Project Management
D36.C01a	External property management cost Total HEI - Estates	**D36.C13a** External property management cost Total Non-Residential - Estates + **D36.C14a** External property management cost Residential - Estates
D36.C01b	External property management cost Total HEI - Facilities	**D36.C13b** External property management cost Total Non-Residential - Facilities + **D36.C14b** External property management cost Residential - Facilities
D36.C01c	External property management cost Total HEI - Project Management	**D36.C13c** External property management cost Total Non-Residential - Project Management + **D36.C14c** External property management cost Residential - Project Management
D36.C01	External property management cost Total HEI	**D36.C14c** External property management cost Residential - Project Management + **D36.C14b** External property management cost Residential - Facilities + **D36.C14c** External property management cost Residential - Project Management
D39a.C01	Current cost of legislative compliance Total HEI	[(**D39a.C13** Current cost of legislative compliance Total Non-Residential * **D33.C13** Total maintenance/repair costs Total Non-Residential) + **(D39a.C14** Current cost of legislative compliance Residential * **D33.C14** Total maintenance/repair costs Residential)]/

		(**D33.C13** Total maintenance/repair costs Total Non-Residential + **D33.C14** Total maintenance/repair costs Residential)
D60.C13	Total facilities costs Total Non-Residential	**D34.C13** Cleaning costs Total Non-Residential + **D35.C13b** Internal property management cost Total Non-Residential - Facilities + **D36.C13b** External property management cost Total Non-Residential - Facilities + **D61.C13** Security and porterage costs Total Non-Residential + **D62.C13** Central post room and internal distribution services costs Total Non-Residential
D60.C14	Total facilities costs Residential	**D34.C14** Cleaning costs Total Residential + **D35.C14b** Internal property management cost Residential - Facilities + **D36.C14b** External property management cost Residential - Facilities + **D61.C14** Security and porterage costs Residential + **D62.C14** Central post room and internal distribution services costs Residential
D60.C01	Total facilities costs Total HEI	**D60.C13** Total facilities costs Total Non-Residential + **D60.C14** Total facilities costs Residential
D61.C01	Security and porterage costs Total HEI	**D61.C01** Security and porterage costs Total HEI + **D61.C14** Security and porterage costs Residential
D62.C01	Central post room and internal distribution services costs Total HEI	**D62.C13** Central post room and internal distribution services costs Total Non-Residential + **D62.C14** Central post room and internal distribution services costs Residential

SSCounts

Data Item	Description	Real Name Calculation
D05.C04+ C07	FTE staff Teaching and Research Total	**D05.C04** Student FTE Teaching Total + **D04.C07** Student FTE Research Total
D05.C10	FTE staff Support Total	**D05.C08** FTE staff Support Offices + **D05.C09** FTE staff Support Other
D05.C13	FTE staff Total Non-Residential	**D05.C04+C07** FTE staff Teaching and Research Total + **D05.C10** FTE staff Support Total + **D05.C12** FTE staff Other
D05.C01	FTE staff Total HEI	**D05.C14** FTE staff Residential + **D05.C13** FTE staff Total Non-Residential
D37.C01	Property management staffing Total HEI	**D37.C01a** Property management staffing Total HEI - Estate Management Staff + **D37.C01b** Property management staffing Total HEI - Facilities Management Staff + **D37.C01c** Property management staffing Total HEI - Project Management Staff

Area

Data Item	Description	Real Name Calculation
D07.C01	Number of buildings Total HEI	**D07.C14** Number of buildings Residential + **D07.C14** Number of buildings Residential
D11.C01	Gross internal area Total HEI	**D11.C13** Gross internal area Total Non-Residential + **D11.C14** Gross internal area Residential
D12.C04	Net internal area Teaching Total	**D12.C02** Net internal area Teaching Offices + **D12.C03** Net internal area Teaching Other
D12.C07	Net internal area Research Total	**D12.C05** Net internal area Research Offices + **D12.C06** Net internal area Research Other
D12.C10	Net internal area Support Total	**D12.C08** Net internal area Support Offices + **D12.C09** Net internal area Support Other
D12.C13	Net internal area Total Non-Residential	**D12.C04** Net internal area Teaching Total + **D12.C07** Net internal area Research Total + **D12.C10** Net internal area Support Total + **D12.C11** Net internal area Vacant Non-Residential + **D12.C12** Net internal area Other Non-Residential
D12.C01	Net internal area	**D12.C13** Net internal area Total Non-Residential +

	Total HEI	**D12.C14** Net internal area Residential
D14.C01	Specialist academic area total HEI	**D14a.C03** Specialist academic area Teaching Other + **D14b.C06** Specialist academic area Research Other
D70.C01	Listed building coverage Total HEI	**D70.C13** Listed building coverage Total Non-Residential + **D70.C14** Listed building coverage Residential
D71.C01	Number of car parking spaces Total HEI	**D71.C13** Number of car parking spaces Total Non-Residential + **D71.C14** Number of car parking spaces Residential

Condition

Data Item	Description	Real Name Calculation
D24.C01	Insurance replacement value Total HEI	**D24.C13** Insurance replacement value Total Non-Residential + **D24.C14** Insurance replacement value Residential

Energy

Data Item	Description	Real Name Calculation
D38a.C01	Energy consumption Total HEI	**D38a.C01a** Energy consumption Total HEI - Oil + **D38a.C01b** Energy consumption Total HEI - Gas + **D38a.C01c** + Energy consumption Total HEI - Electricity + **D38a.C01d** Energy consumption Total HEI - Coal + **D38a.C01e** Energy consumption Total HEI - Steam/Hot Water + **D38a.C01f** Energy consumption Total HEI - Other fuels
D38b.C01	Water consumption Total HEI	**D38b.C13** Water consumption Total Non-Residential + **D38b.C14** Water consumption Residential
D38c.C01	Energy emissions Total HEI	**D38c.C01a** Energy emissions Total HEI - Oil [Calculation based on D38a.C01a multiplied by DEFRA conversion factor] + **D38c.C01b** Energy emissions Total HEI - Gas [Calculation based on D38a.C01b multiplied by DEFRA conversion factor] + **D38c.C01c** Energy emissions Total HEI - Electricity [Calculation based on D38a.C01c multiplied by DEFRA conversion factor] + **D38c.C01d** Energy emissions Total HEI - Coal [Calculation based on D38a.C01d multiplied by DEFRA conversion factor] + **D38c.C01e** Energy emissions Total HEI - Steam/Hot Water + **D38c.C01f** Energy emissions Total HEI - Other Fuels
D73.C13	Waste Total Non-Residential	**D73.C13a** Waste Total Non-Residential - Recycled + **D73.C13b** Waste Total Non-Residential - Incineration + **D73.C13c** Waste Total Non-Residential - Other Methods + **D73.C13d** Waste Total Non-Residential - Used to create Energy
D73.C14	Waste Total Residential	**D73.C14a** Waste Total Residential – Recycled + **D73.C14b** Waste Total Residential – Incineration + **D73.C14c** Waste Total Residential - Other Methods + **D73.C14d** Waste Total Residential - Used to create Energy
D73.C15	Waste Total Construction	**D73.C15a** Waste Total Construction - Recycled + **D73.C15b** Waste Total Construction - Incineration + **D73.C15c** Waste Total Construction - Other Methods + **D73.C15d** Waste Total Construction - Used to create Energy
D73.C01a	Waste Total HEI - Recycled	**D73.C13a** Waste Total Non-Residential - Recycled + **D73.C14a** Waste Total Residential - Recycled + **D73.C15a** Waste Total Construction - Recycled
D73.C01b	Waste Total HEI - Incineration	**D73.C13b** Waste Total Non-Residential - Incineration + **D73.C14b** Waste Total Residential - Incineration + **D73.C15b** Waste Total Construction - Incineration
D73.C01c	Waste Total HEI - Other Methods	**D73.C13c** Waste Total Non-Residential - Other Methods + **D73.C14c** Waste Total Residential - Other Methods + **D73.C15c** Waste Total Construction - Other Methods
D73.C01d	Waste Total HEI - Used to create Energy	**D73.C13d** Waste Total Non-Residential - Used to create Energy + **D73.C14d** Waste Total Residential - Used to create Energy + **D73.C15d** Waste Total Construction - Used to create Energy

D73.C01	Waste Total HEI	**D73.C01a** Waste Total HEI - Recycled + **D73.C01b** Waste Total HEI - Incineration + **D73.C01c** Waste Total HEI - Other Methods + **D73.C01d** Waste Total HEI - Used to create Energy