

# Estimated Carbon Emissions for Local Privately Owned Student Accommodation

## Conducted by:

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**Published:** 5<sup>th</sup> August 2025

## Introduction

The University of Huddersfield does not own or operate any student accommodation facilities. However, the University Students Union (a distinct organisation from the University) does have an advertising relationship with various local, privately owned accommodation providers.

The carbon emissions for these local residential buildings have been estimated and are tabled below. These carbon emissions do not fall within scope for the University's Scope 1, 2 or 3 emissions, but are nevertheless relevant to consideration of the impact of student activities on the environment.

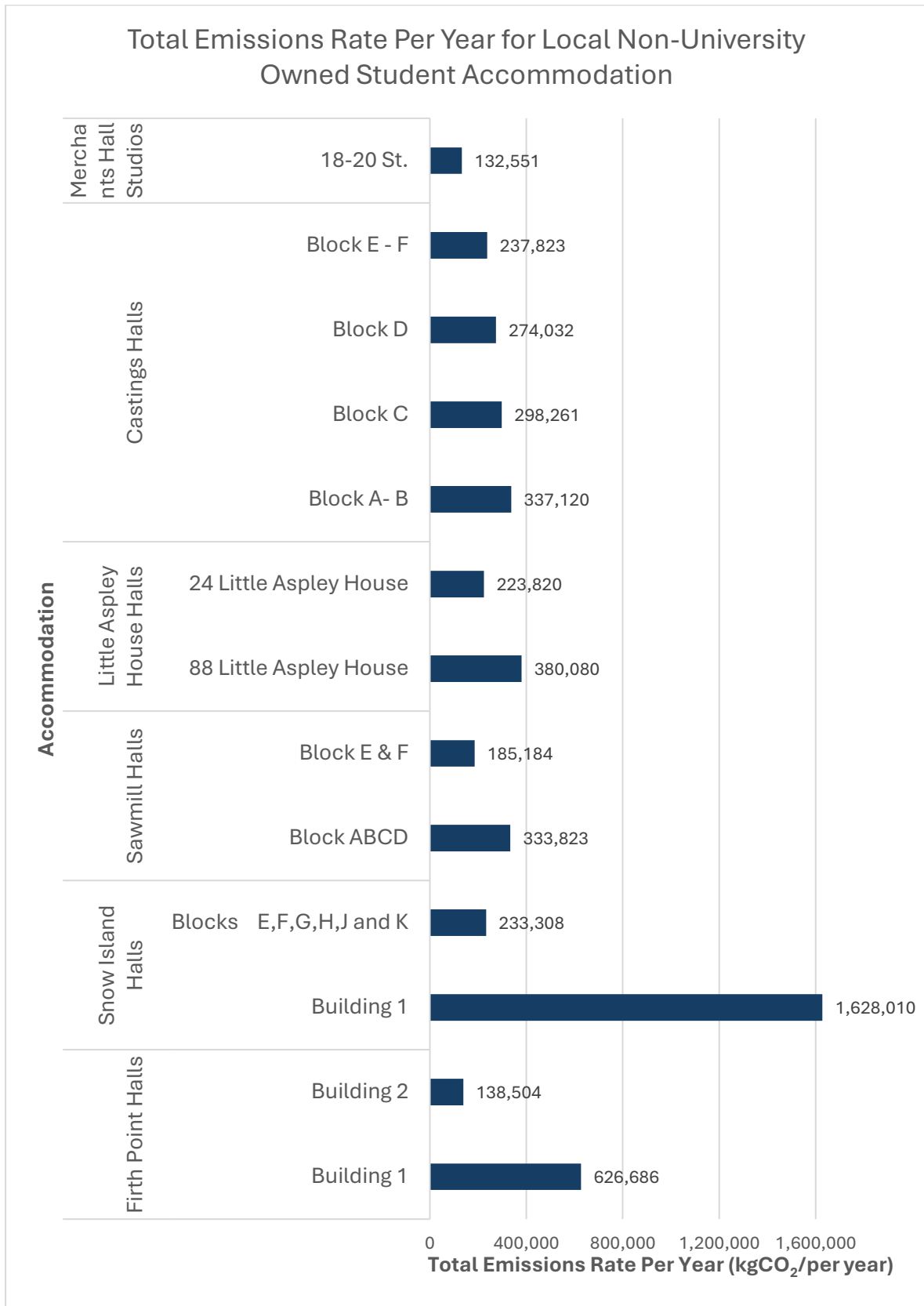
## Baseline

Building name	Building No.	Total floor area (m <sup>2</sup> )	Building emission rate (kgCO <sub>2</sub> /m <sup>2</sup> per year)	Total emissions rate per year (kgCO <sub>2</sub> /per year)
Firth Point Halls	Building 1	4,139	151.41	626,685
	Building 2	978	141.62	138,504

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Snow Island Halls	Building 1	11,622	140.08	1628,009
	Blocks E,F,G,H,J and K	5,469	42.66	233,307
Sawmill Halls	Block ABCD	6,710	49.75	333,822
	Block E & F	4,262	43.45	185,183
Little Aspley House Halls	88 Little Aspley House	9,095	41.79	380,080
	24 Little Aspley House	15,123	14.8	223,820
Castings Halls	Block A- B	5,369	62.79	337,119
	Block C	4,469	66.74	298,261
	Block D	4,037	67.88	274,031
	Block E - F	3,993	59.56	237,823
Aspley House Halls	No valid building level EPC available (none coming up on GOV website)			
Palace Studios	No valid building level EPC available (130 Different flat records)			
Renaissance Works Studios	No valid building level EPC available (Address not listed on gov website)			
The Works Studios	No valid building level EPC available (Address not listed on gov website)			
Threadworks Studios	No valid building level EPC available (Address not listed on gov website)			

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Dundas Works Studios	No valid building level EPC available (none coming up on GOV website)			
Merchants Hall Studios	18-20 St.	1,665	79.61	132,550
<b>Total</b>	<b>5,029,200</b>			

## Findings/ Results



Snow Island Halls, building 1, is the highest emitter in the dataset, producing approximately 1,628,010 kgCO<sub>2</sub> per year, followed by Firth Point Halls, Building 1, at 626,686 kgCO<sub>2</sub> per year. Other buildings with substantial emissions include 88 Little Aspley House (380,080 kgCO<sub>2</sub>/year), Castings Halls Blocks A–B (337,120 kgCO<sub>2</sub>/year), and Sawmill Halls Blocks ABCD (333,823 kgCO<sub>2</sub>/year). Moderate emissions were observed across several buildings, including Snow Island Blocks E–K (233,308 kgCO<sub>2</sub>/year) and Sawmill Halls Blocks E–F (185,184 kgCO<sub>2</sub>/year), while Merchants Hall Studios showed a comparatively lower total of 132,551 kgCO<sub>2</sub>/year. For several properties - including Aspley House Halls, Palace Studios, and The Works Studios - no valid EPC data was available, limiting the ability to quantify their emissions.

## Recommendations

- The University Sustainability team should engage with the Students Union to encourage them to collect in-use data on the carbon emissions associated with each accommodation provider. This information could be provided to students to aid their decision making when selecting their accommodation.
- The Students Union should consider engaging with accommodation providers to identify and implement carbon reduction opportunities, such as behavioural changes from occupants or upgrades to heating equipment.