

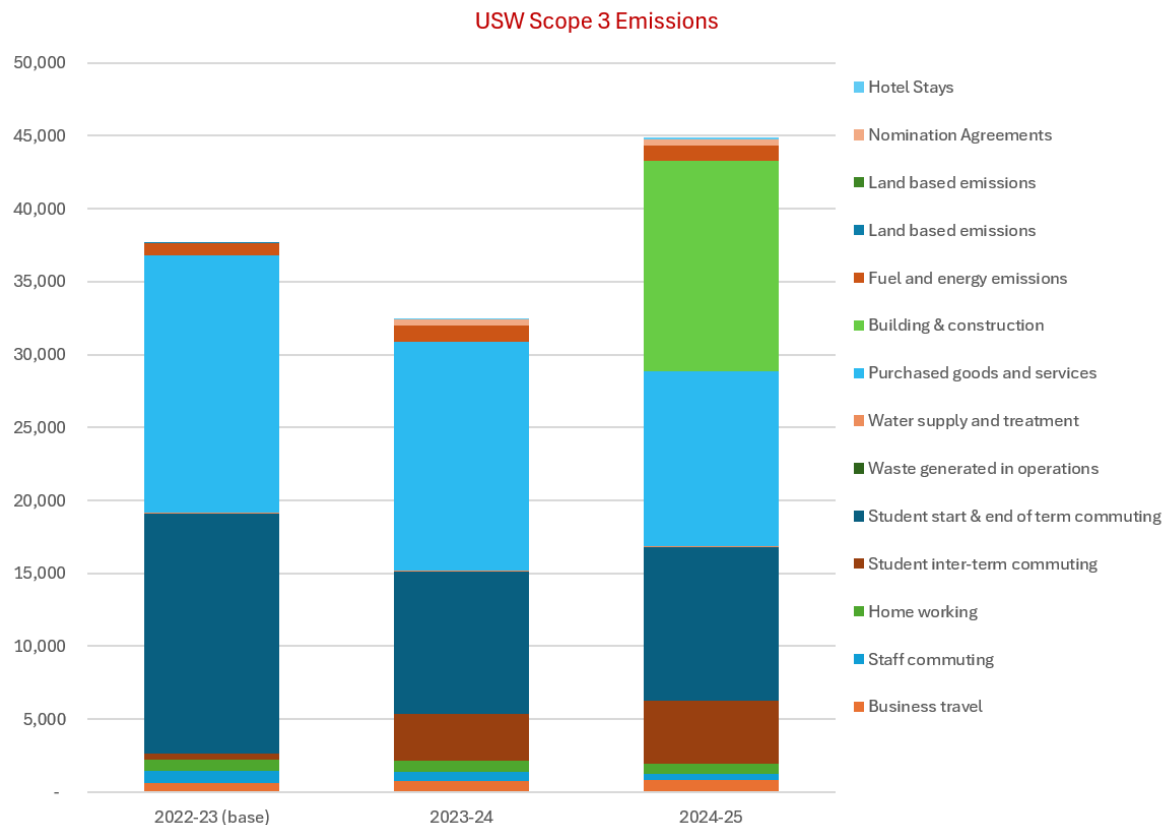
Scope 3 Emissions Summary

USW's Scope 3 emissions refer to those indirect emissions sources that arise from activities that are not directly controlled by the University. These amount to over 90% of our total carbon footprint and relate to emissions associated with business travel, commuting, procurement and value chain, waste and water.

Capturing and analysing our Scope 3 emissions is critical to helping us reach our net zero goal and reducing our impact on the environment, and we will to work to refine our emissions profile to inform opportunities for action.

Table 1: Breakdown of Scope 3 Emissions 2024-25

Source (tCO2e)	2024-25	% of total
Business travel	859	2%
Staff commuting	409	1%
Home working	680	2%
Student inter-term commuting	4,330	10%
Student start & end of term commuting	10,525	23%
Waste generated in operations	16	0%
Water supply and treatment	34	0%
Purchased goods and services	11,993	27%
Buildings and Construction	14,424	32%
Fuel and energy emissions	1,058	2%
Land based emissions	27	0%
Land based emissions (offsetting)	-46	0%
Nomination Agreements (external accommodation)	426	1%
Hotel Stays	77	0%
Total	44,812	100%

Graph 1: Total USW Scope 3 emissions (vs baseline year)

Notes

Employee commuting values are based on recent Travel Survey data captured every 2 years and dedicated post code data where available.

Student commuting values are based on recent Travel Survey data and postcode data for term time addresses (excluding students living on Treforest campus).

Student Home to University Travel includes data for start and end of terms throughout the year. Using student numbers and post code data (UK, Overseas Europe and International), assumptions about average distance travelled, with car journeys doubled for parents travelling to University with the student and returning home each time.

Aviation for start and end of term commuting is calculated based on one return flight per year. If students choose to return home more often than this, it is at their discretion and therefore not included.

Much of the University's residential student accommodation is owned by the University. We also have nomination agreements with private student accommodation providers for a number of rooms offsite. Although these are not operated under the University's arrangements and therefore we have no direct influence or oversight of these emissions, an estimate is included based on each room above.

Procurement emissions are calculated based largely on Tier 3 spend data using 2022 UK Government published SIC codes and conversion factors based on category spend.