

NOTE: Electricity usage
measure are in *Giga
Watts per Hour (GWh)*



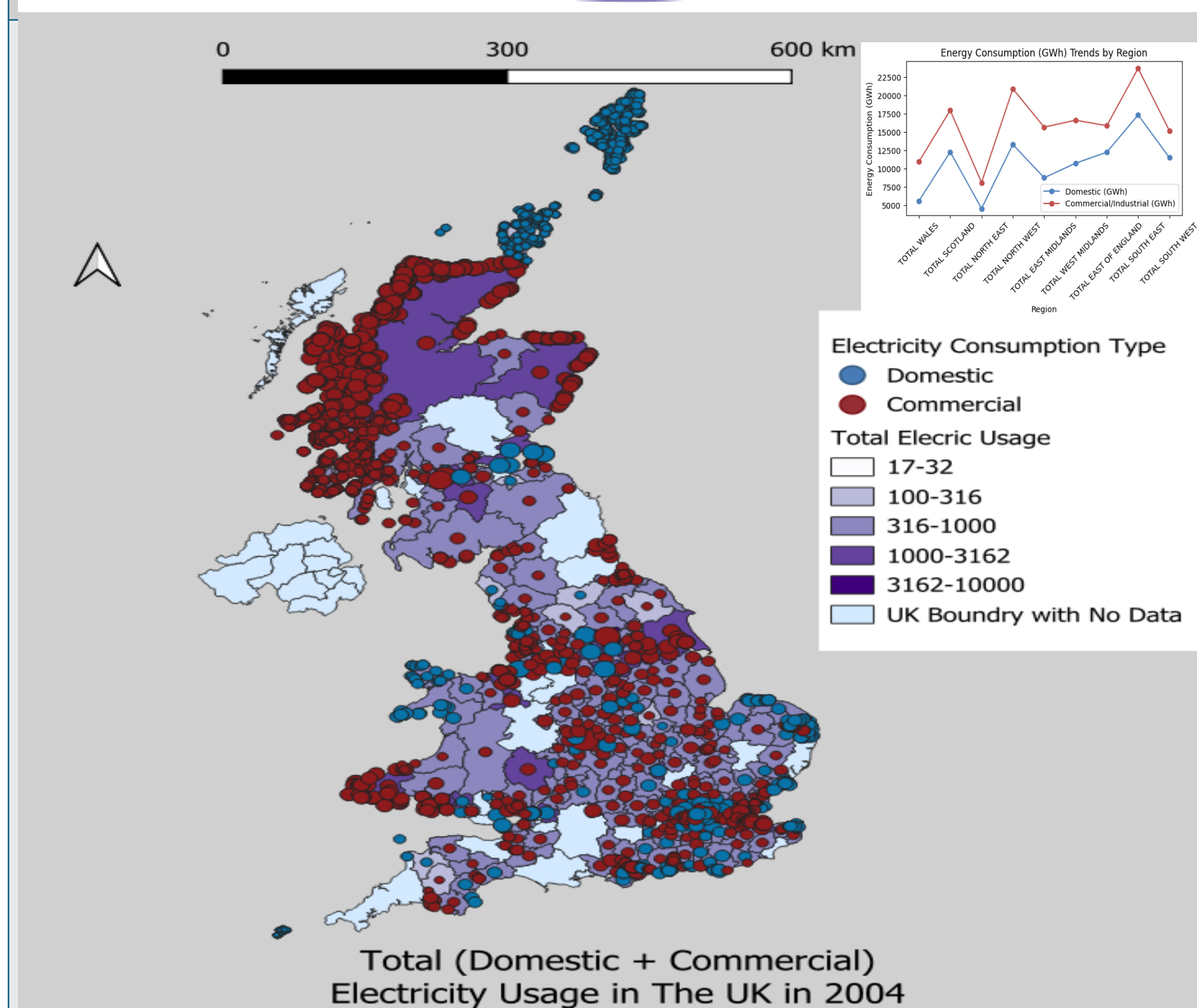
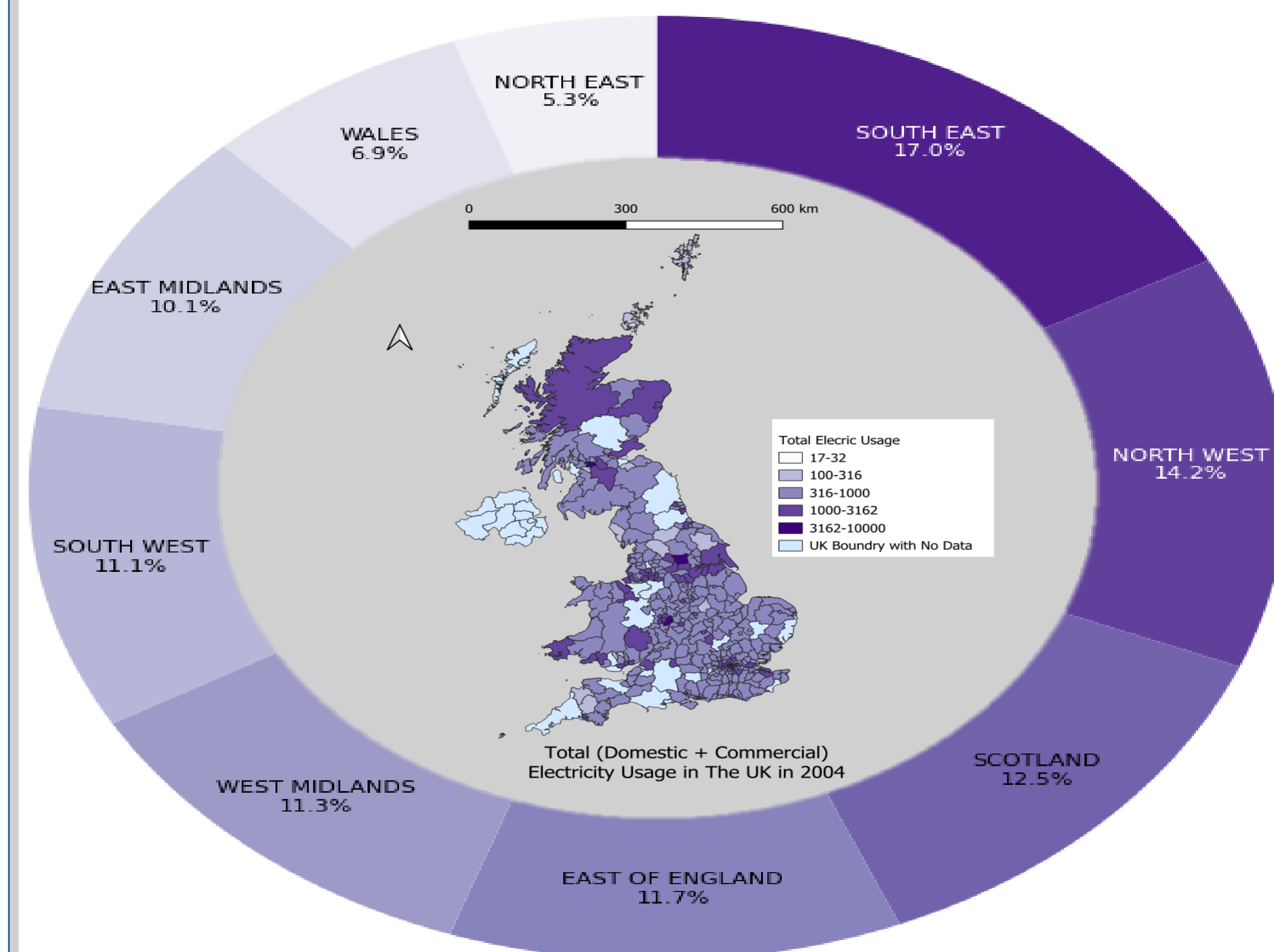
Energy



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Usage Across the UK



Aggregated Regional Data Analysis

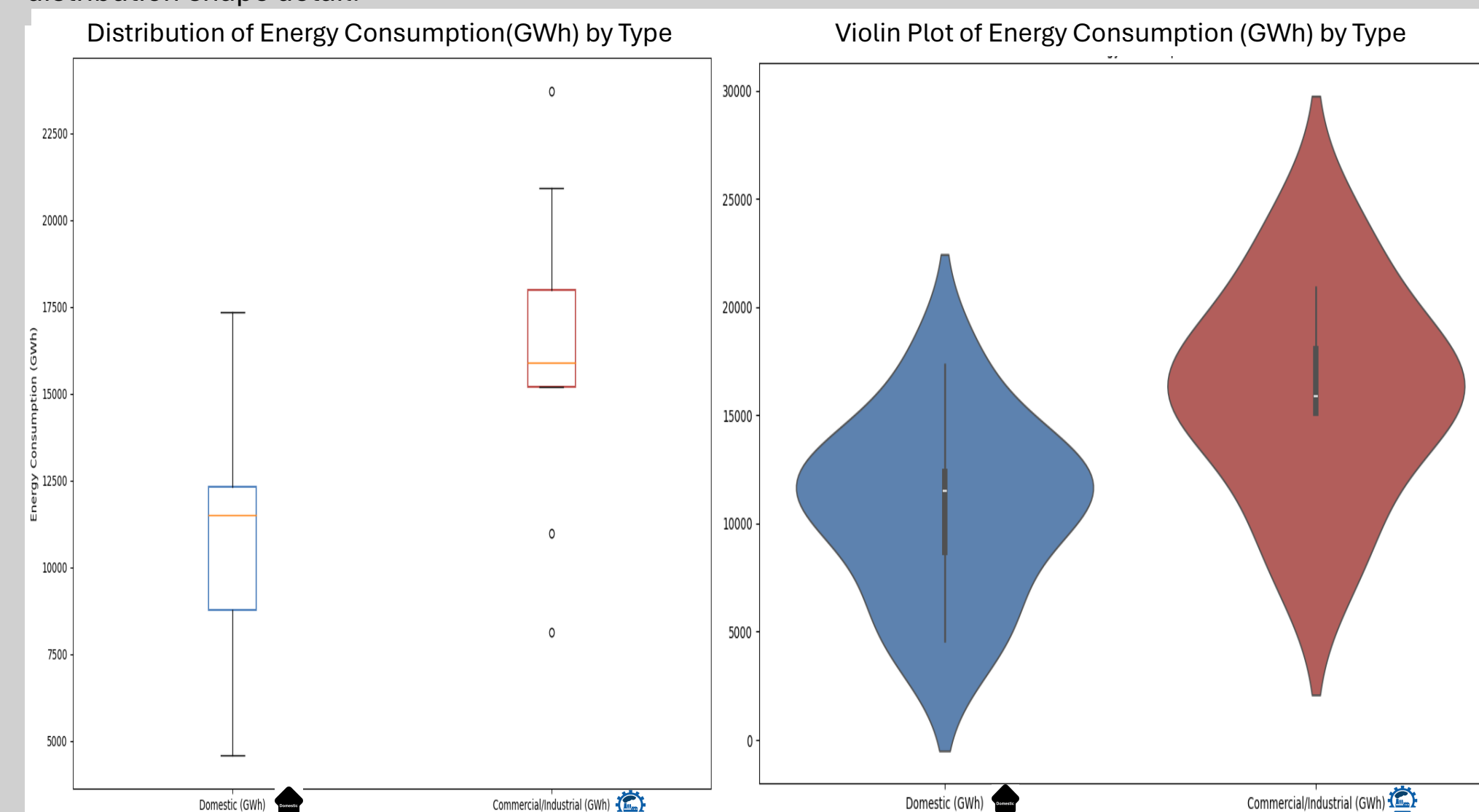


Box Plots:

- Display data distribution through quartiles.
- Show the median and highlight potential outliers.
- Offer a clear overview of data spread but limited distribution shape detail.

Violin Plots:

- Combine box plot features with kernel density estimation.
- Provide a comprehensive view of data distribution, including frequency variations.

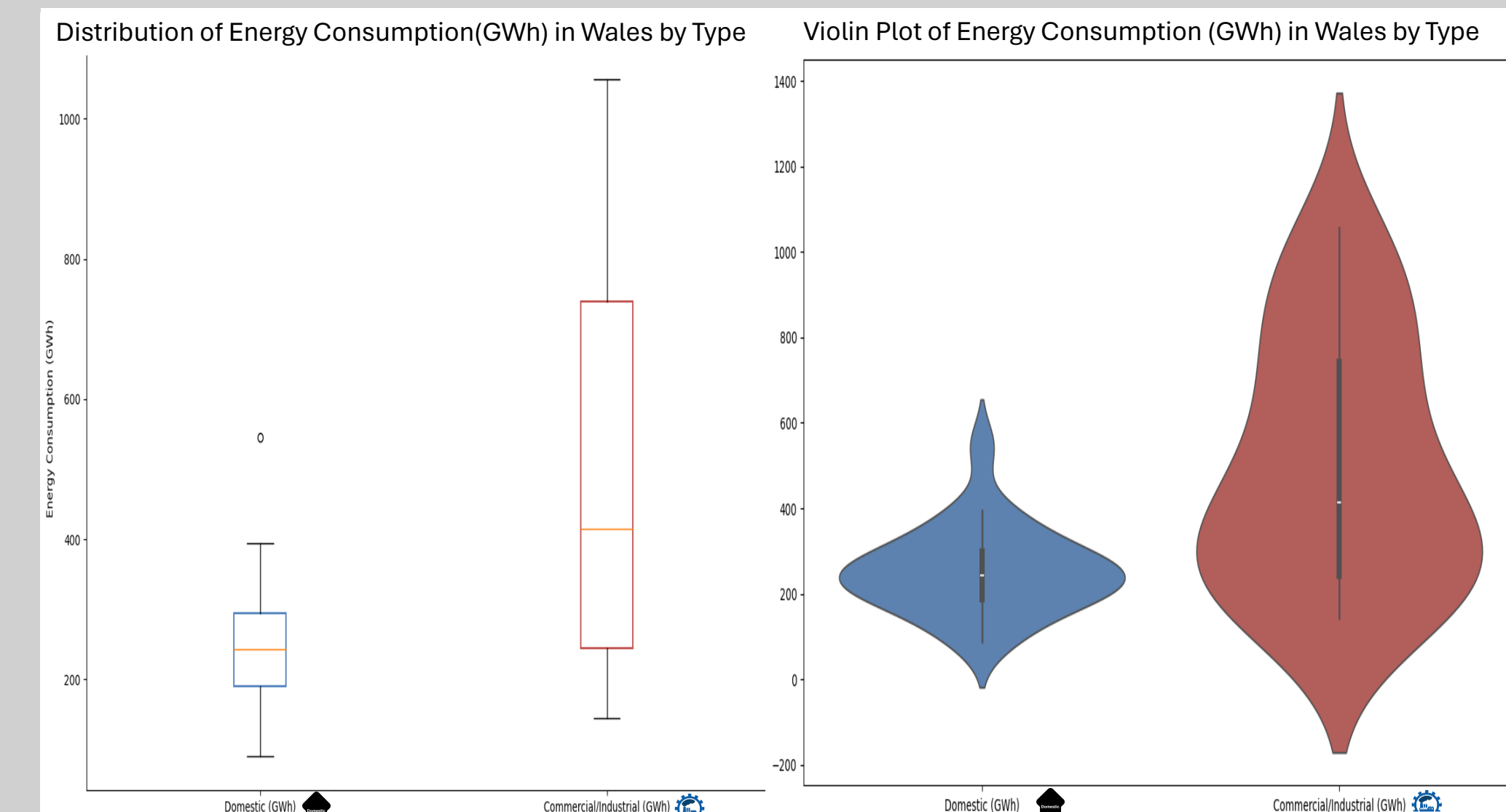


Box plots and violin plots clearly illustrate that commercial/industrial usage is greater than domestic usage. The box plot for commercial/industrial usage reveals outliers at both the higher and lower ends of the data.

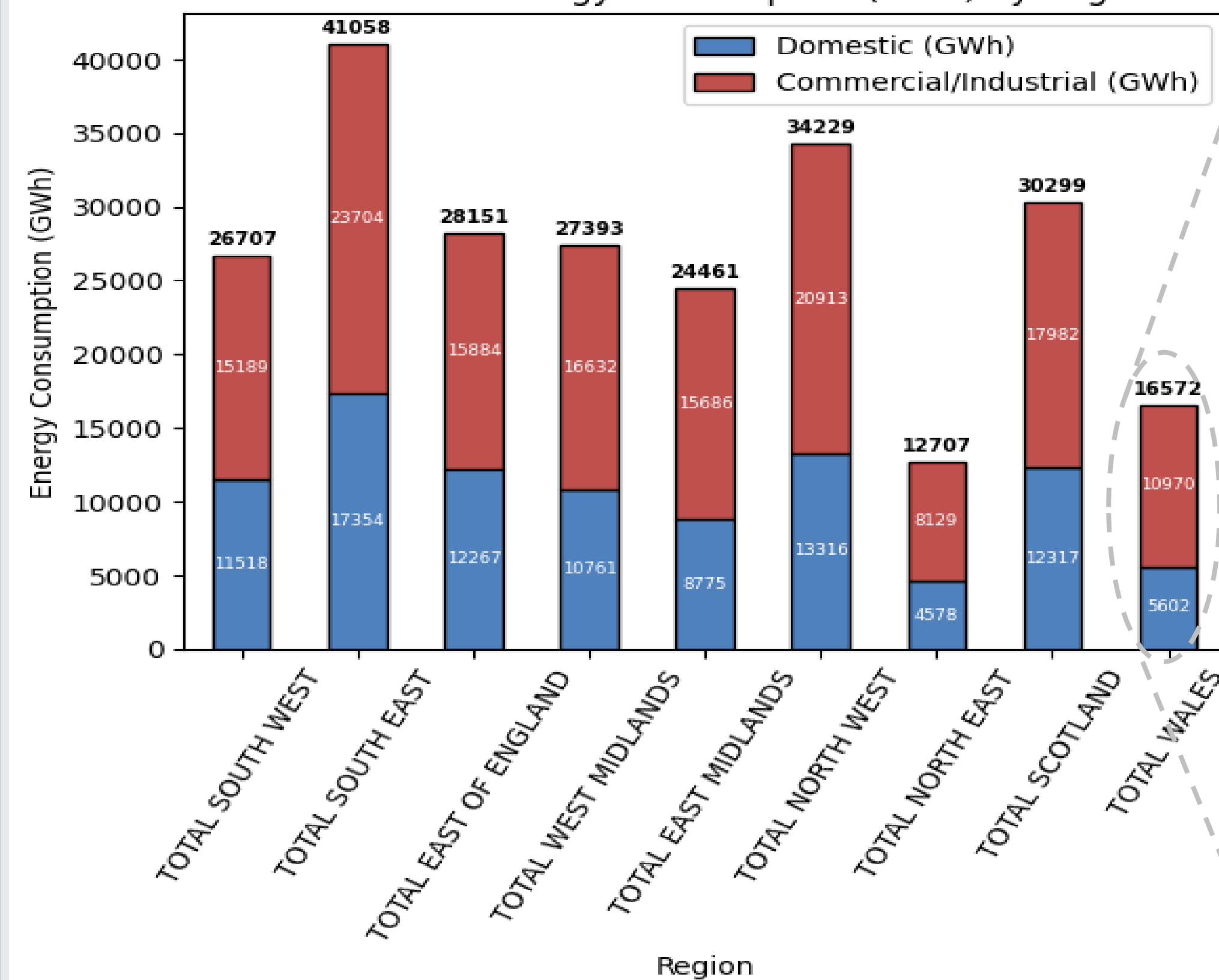
Detailed Study of Wales (Cymru)



A comparison between the overall UK and Wales shows that, while industrial usage is higher in both regions, Wales has a larger gap between industrial and domestic usage.



Stacked Total Energy Consumption (GWh) by Region



Total Energy Consumption (GWh) in Wales by Region

