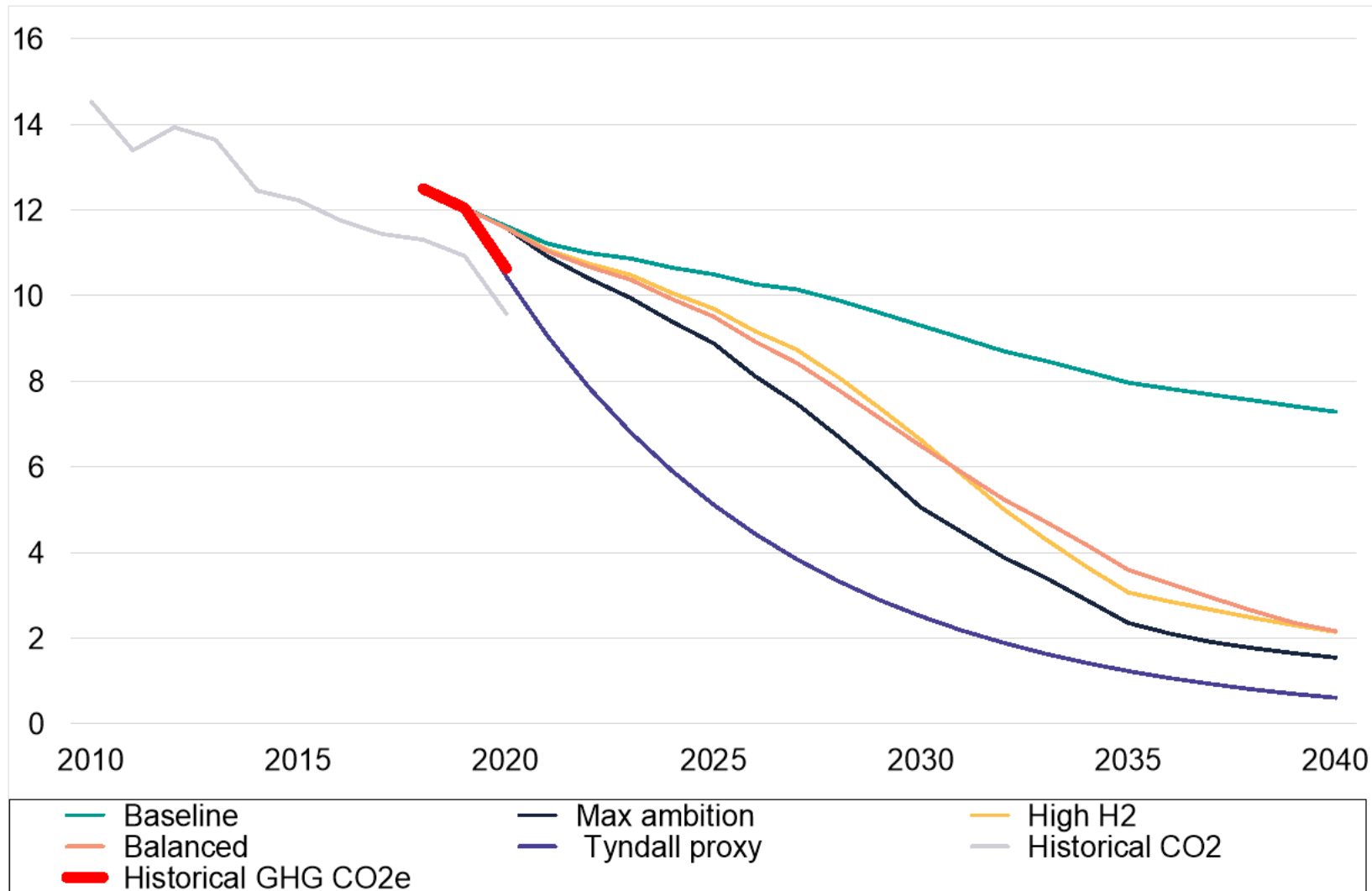




## **APPENDIX 1: SUMMARY OF PERFORMANCE AGAINST STATE OF THE REGION INDICATORS: CLIMATE, ENERGY AND ENVIRONMENT COMMITTEE**

# Emissions fell sharply during 2020, reflecting the impact of the pandemic but this is unlikely to be sustainable

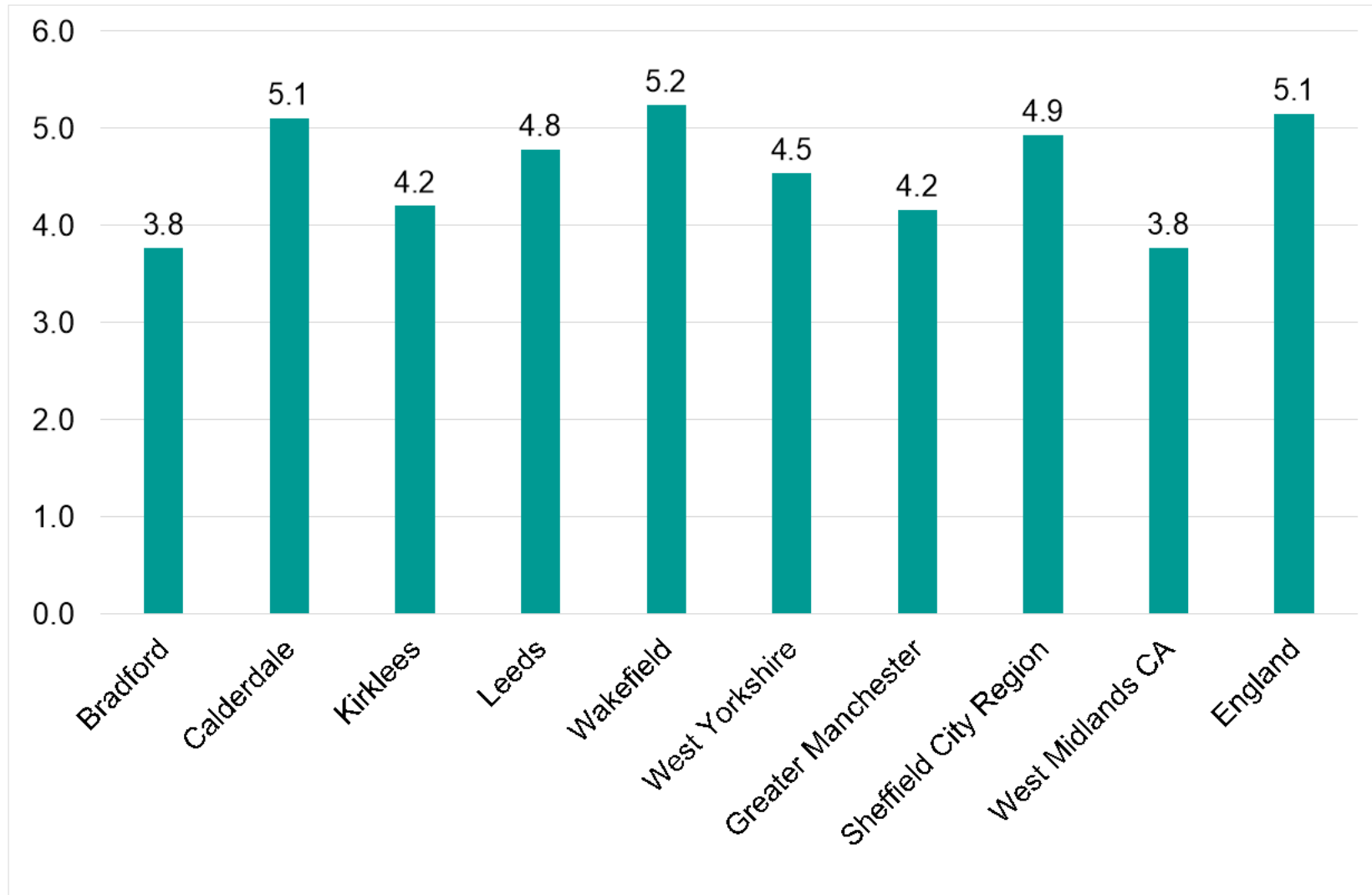
Figure: Trend in greenhouse gas emissions vs carbon reduction pathways (MtCO<sub>2</sub>e)



Source: UK local authority and regional greenhouse gas emissions national statistics, 2005 to 2020, BEIS

# West Yorkshire has lower emissions per capita than the national average

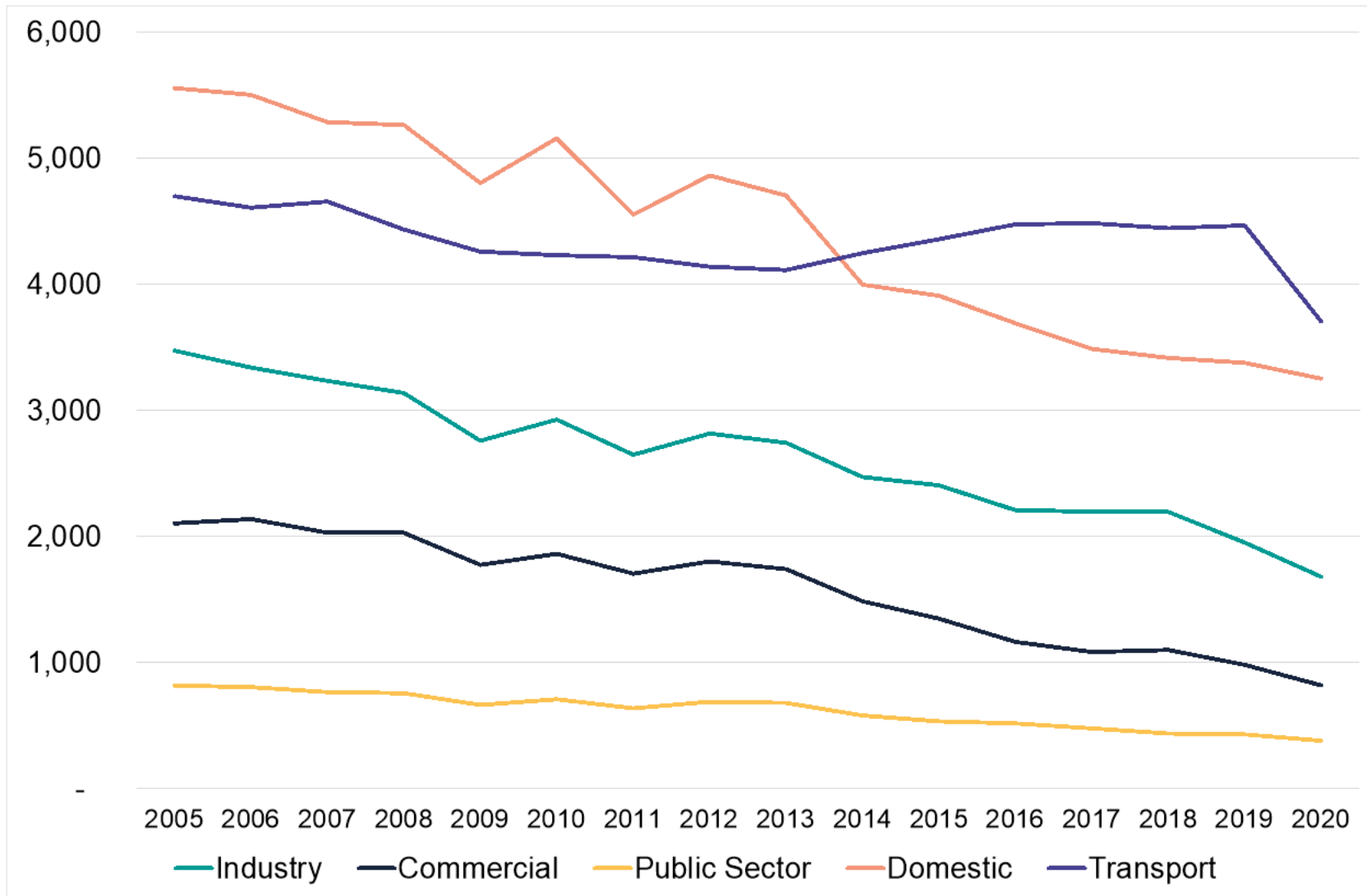
Figure: Per capita greenhouse gas emissions (tonnes CO<sub>2</sub>e per resident)



Source: UK local authority and regional greenhouse gas emissions national statistics, 2005 to 2020, BEIS

# All sectors of the economy saw an emissions reduction in 2020, including a sharp fall for transport

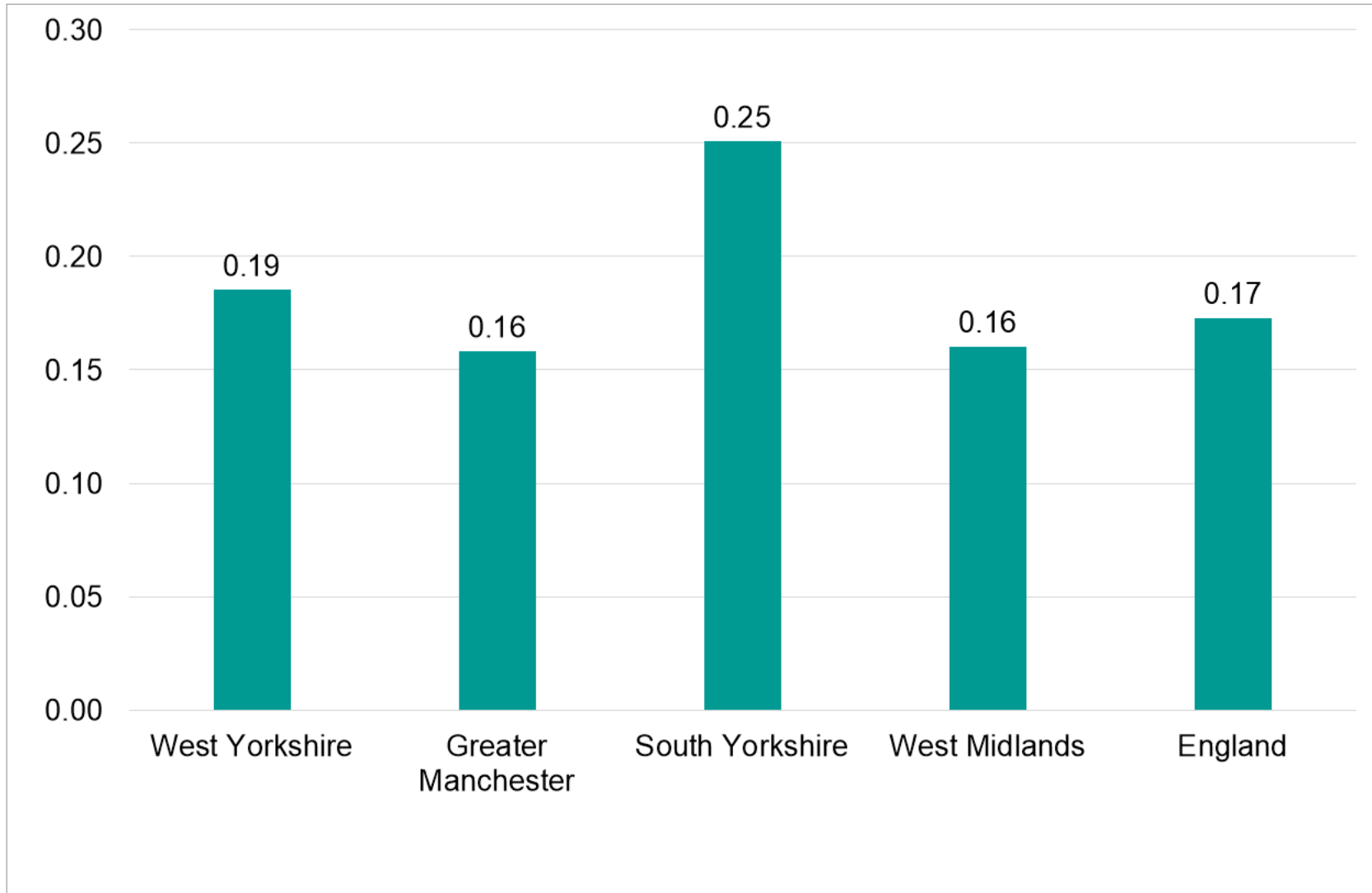
Figure: Trend in greenhouse gas emissions by sector, (ktCO<sub>2</sub>e), West Yorkshire



Source: UK local authority and regional greenhouse gas emissions national statistics, 2005 to 2020, BEIS

# West Yorkshire's emissions intensity is above the national average

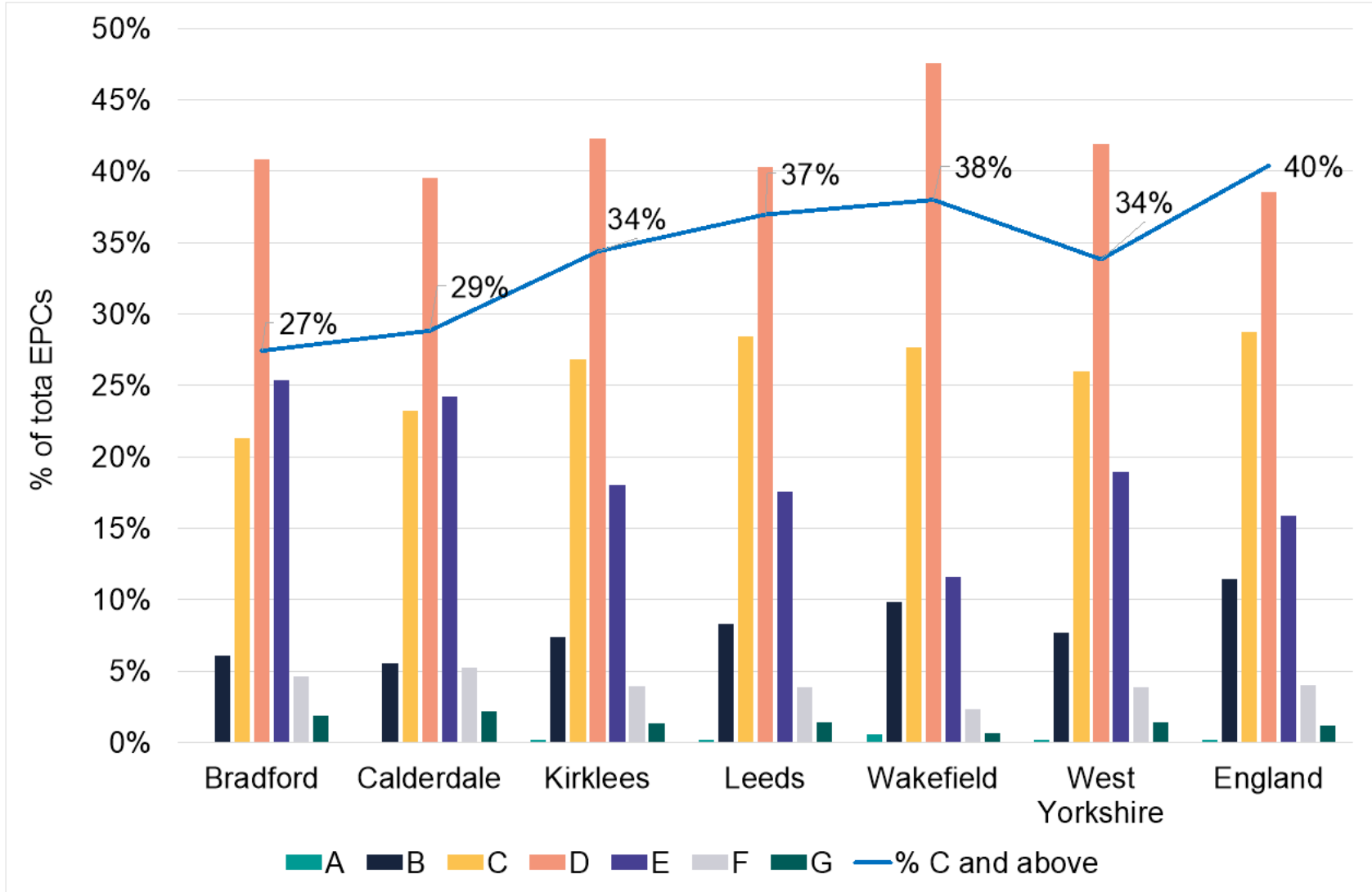
Figure: Greenhouse gas emissions intensity (ktCO<sub>2</sub>e per £m gross value added)



Source: UK local authority and regional greenhouse gas emissions national statistics, 2005 to 2020, BEIS

# West Yorkshire dwellings with an EPC are less likely to have an energy efficiency rating of C or above compared to national average

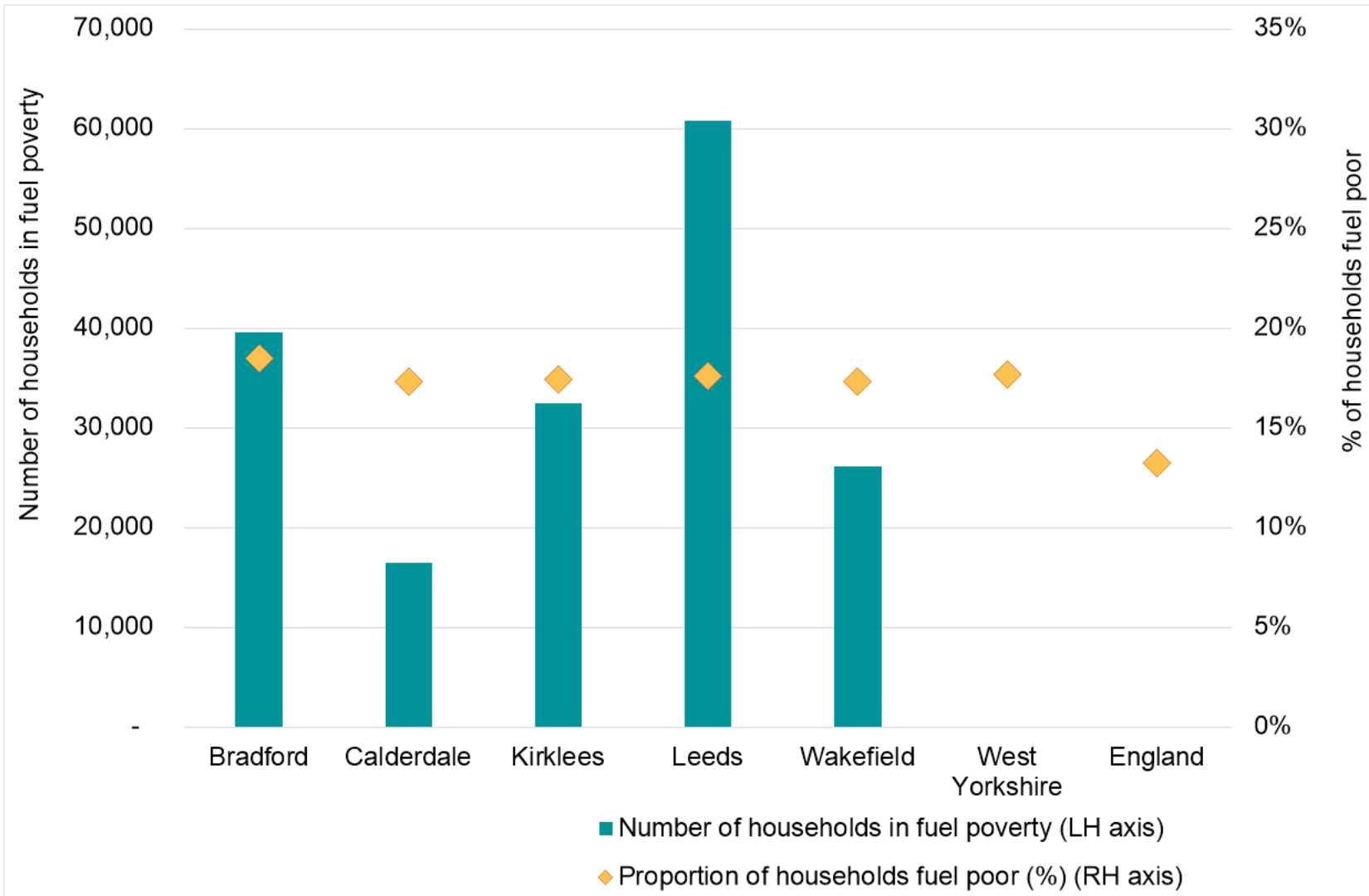
Figure: Profile of Energy Performance Certificates by local authority and Energy Efficiency Rating



Source: Energy Performance Certificate data, Department for Levelling Up, Housing and Communities

# 18% of households in West Yorkshire are in fuel poverty, a slight increase on the previous year

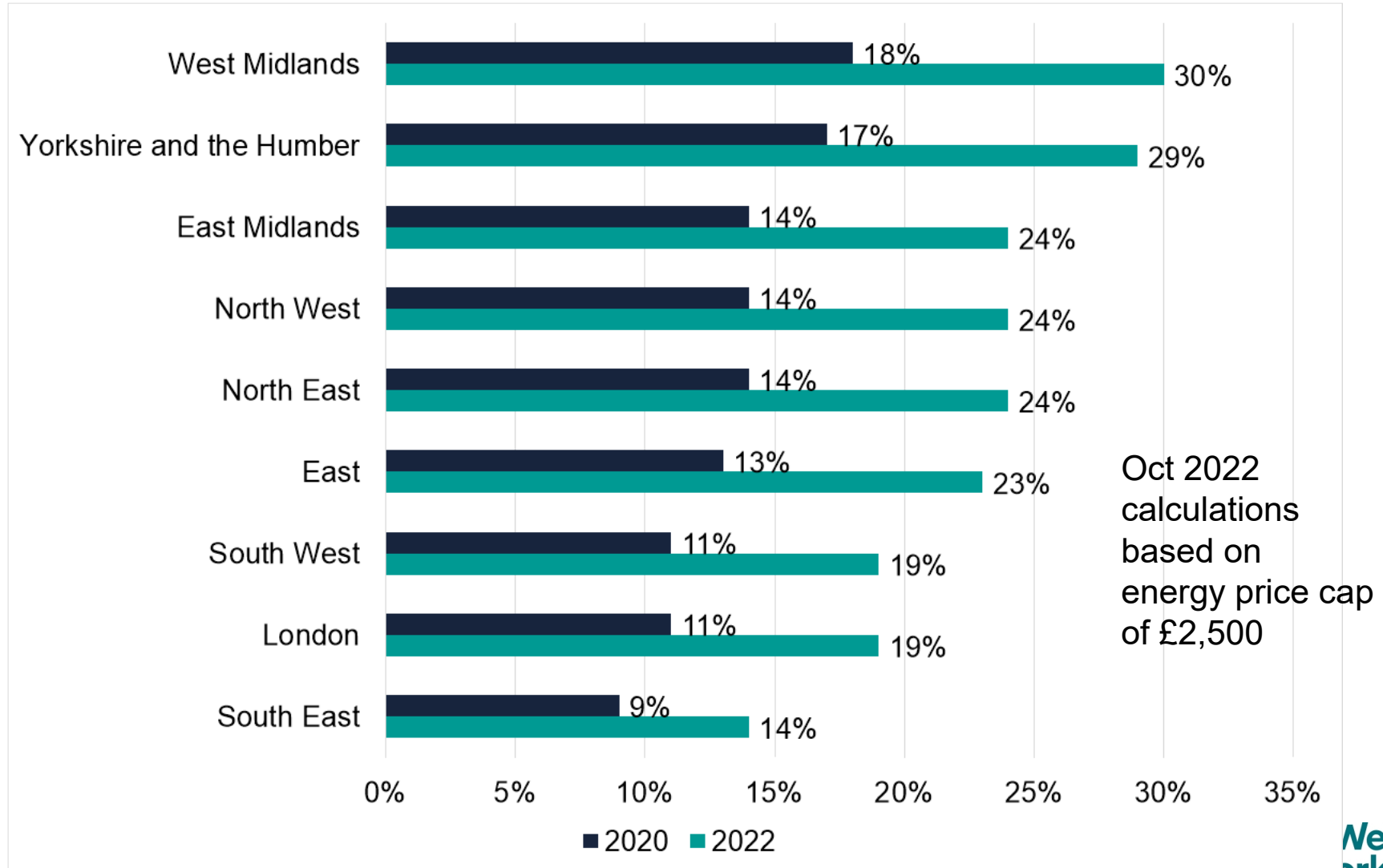
Figure: Number and proportion of households in fuel poverty, 2020



Source: Sub-regional fuel poverty statistics, BEIS

# Projections suggest that fuel poverty in West Yorkshire could reach 30% despite govt energy price cap

Figure: % of households in fuel poverty 2020 vs Oct 2022 (projected)

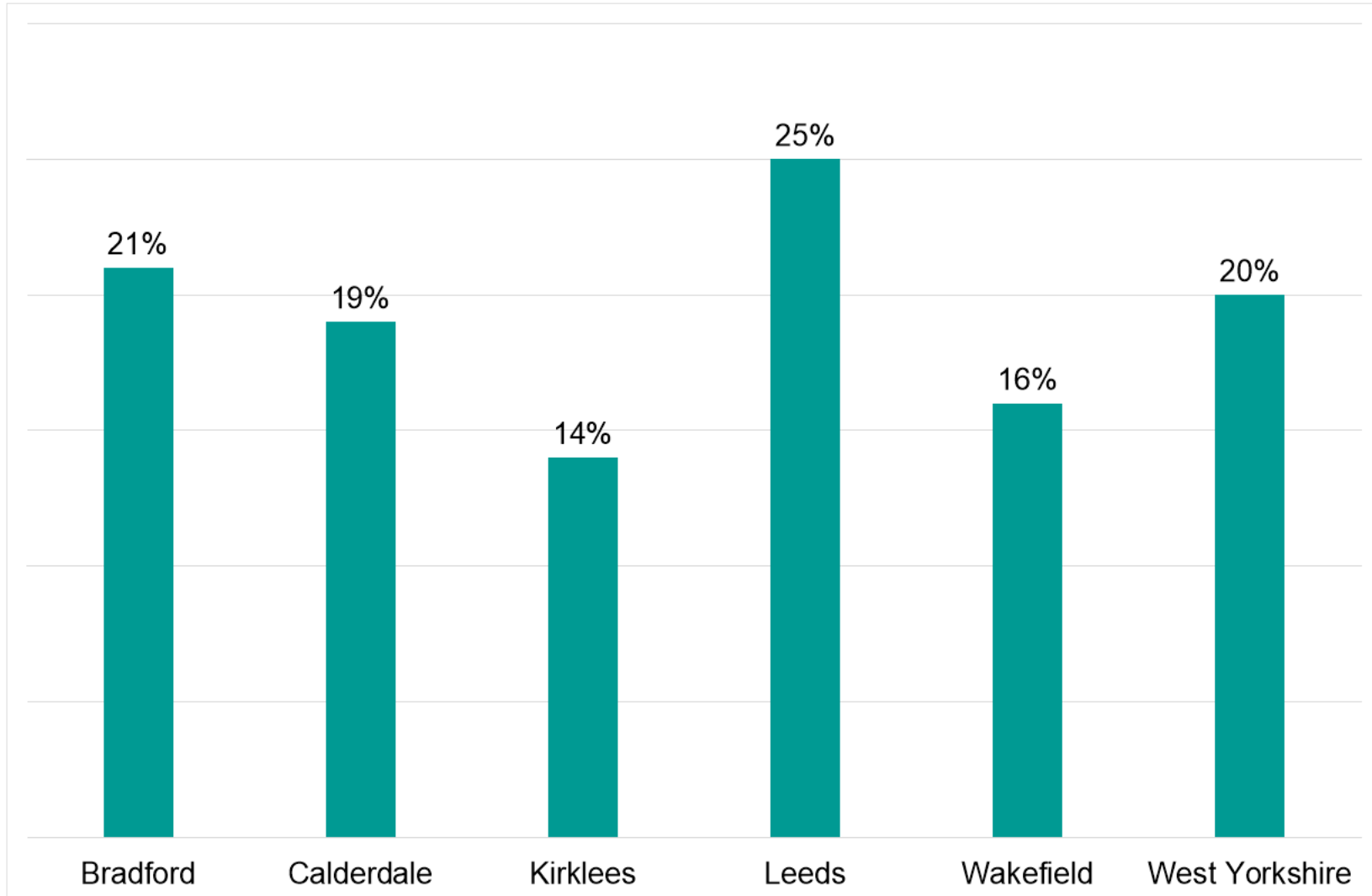


Source: Sub-regional fuel poverty statistics, BEIS; End Fuel Poverty Coalition



# A fifth of the region's population have easy access to local natural greenspace

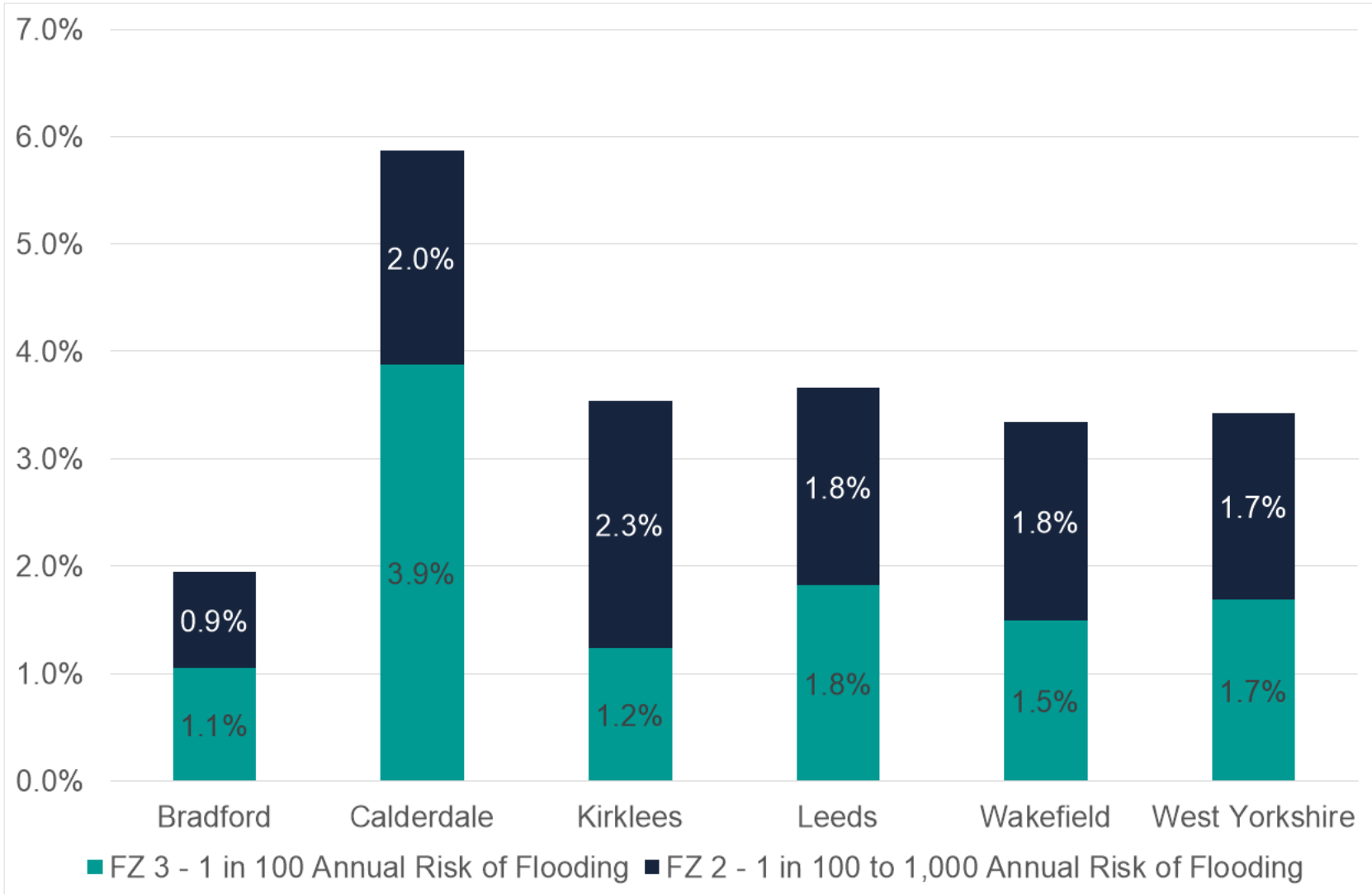
Figure: Proportion of population with easy access to local natural greenspace, 2022



Source: Natural England, ONS Mid-Year Population Estimates

# 3% of residential properties in West Yorkshire fall within a flood zone, rising to more than 6% in Calderdale

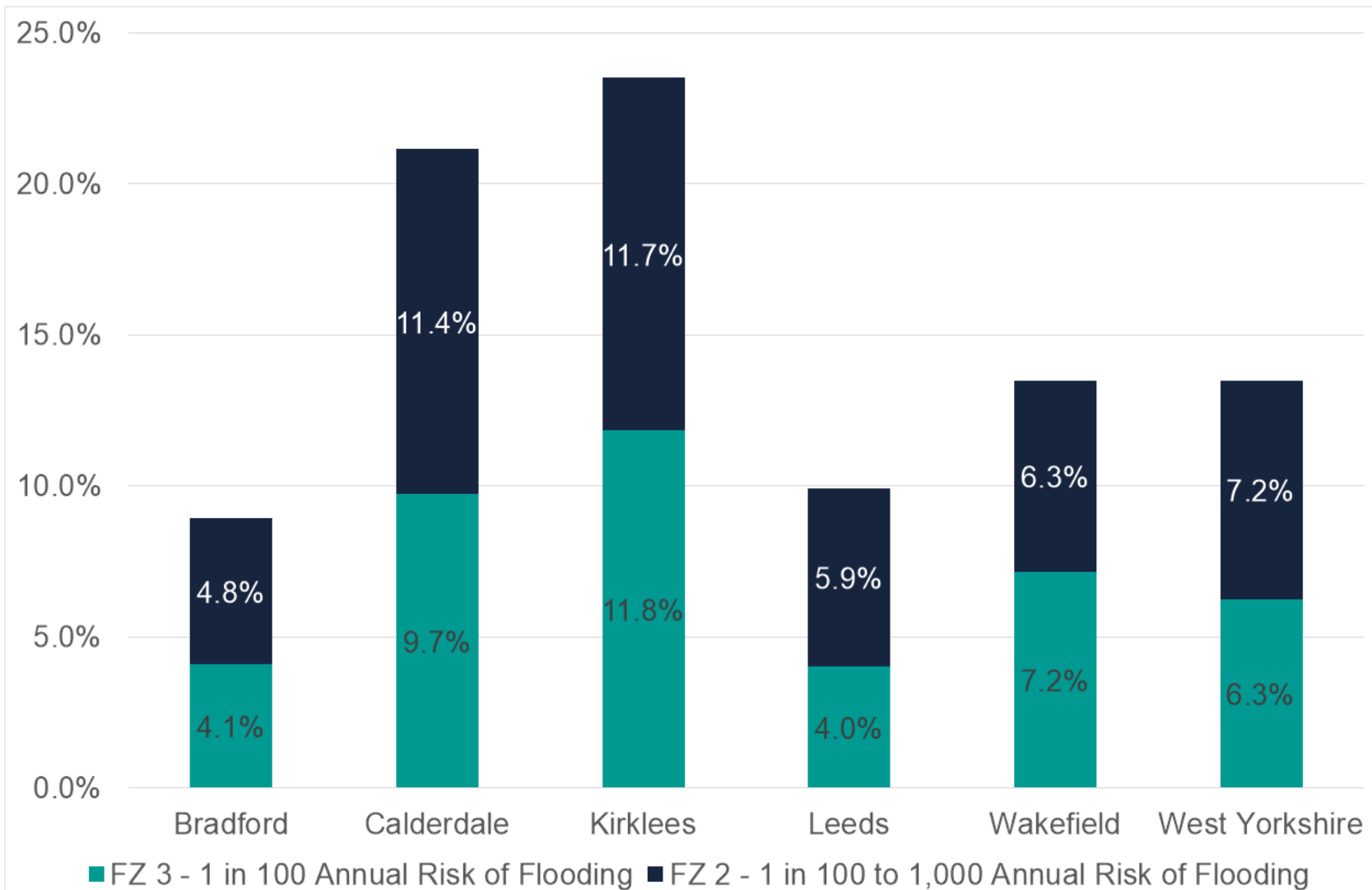
Figure: Proportion of residential properties in flood zones



Source: Environmental Agency, ONS Mid-Year Population Estimates

# 13% of commercial properties in West Yorkshire fall within a flood zone, rising to 24% in Kirklees

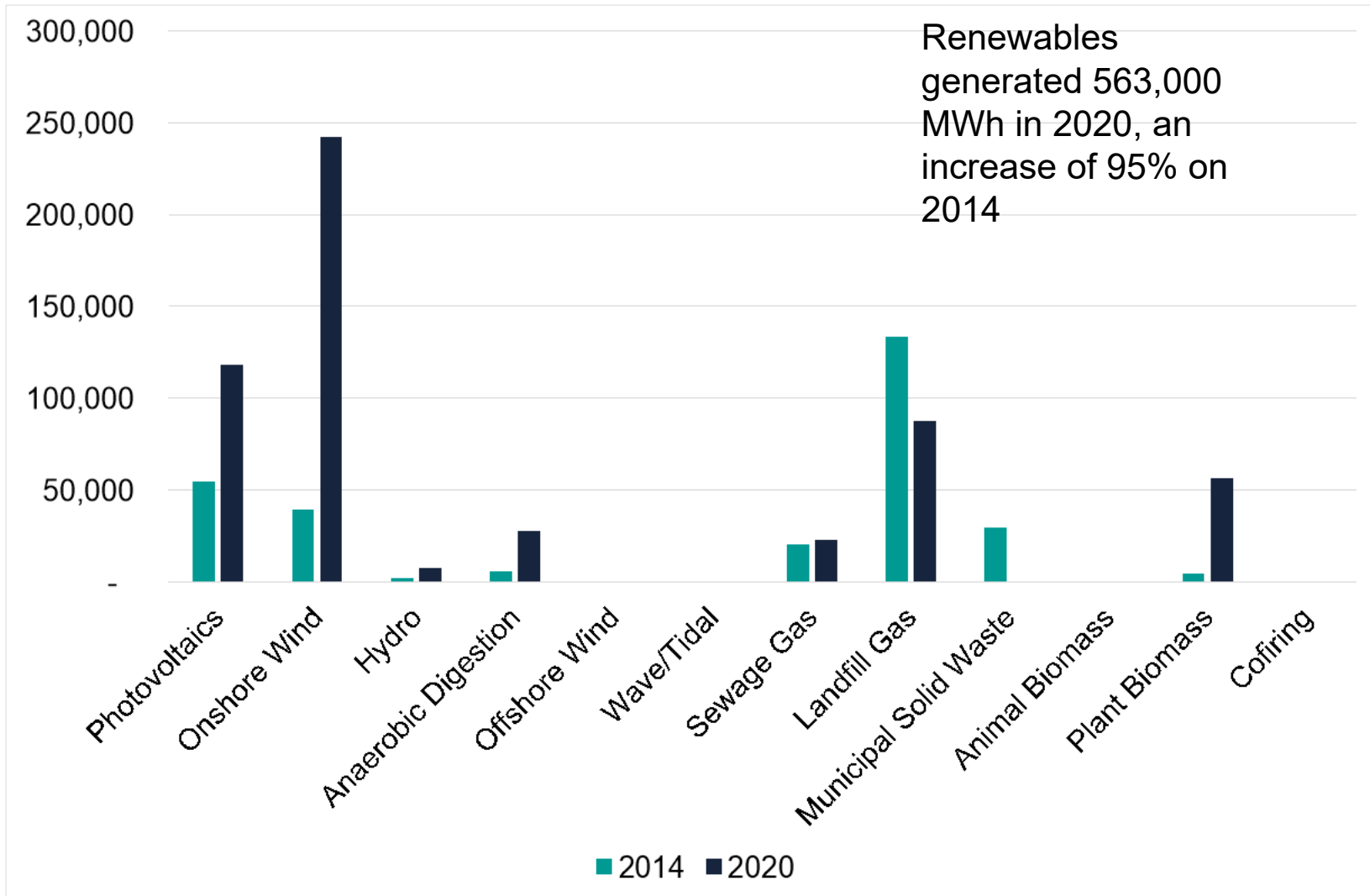
Figure: Proportion of commercial properties in flood zones



Source: Environmental Agency, ONS Mid-Year Population Estimates

# Onshore wind and photovoltaics are the largest sources of renewable energy in West Yorkshire

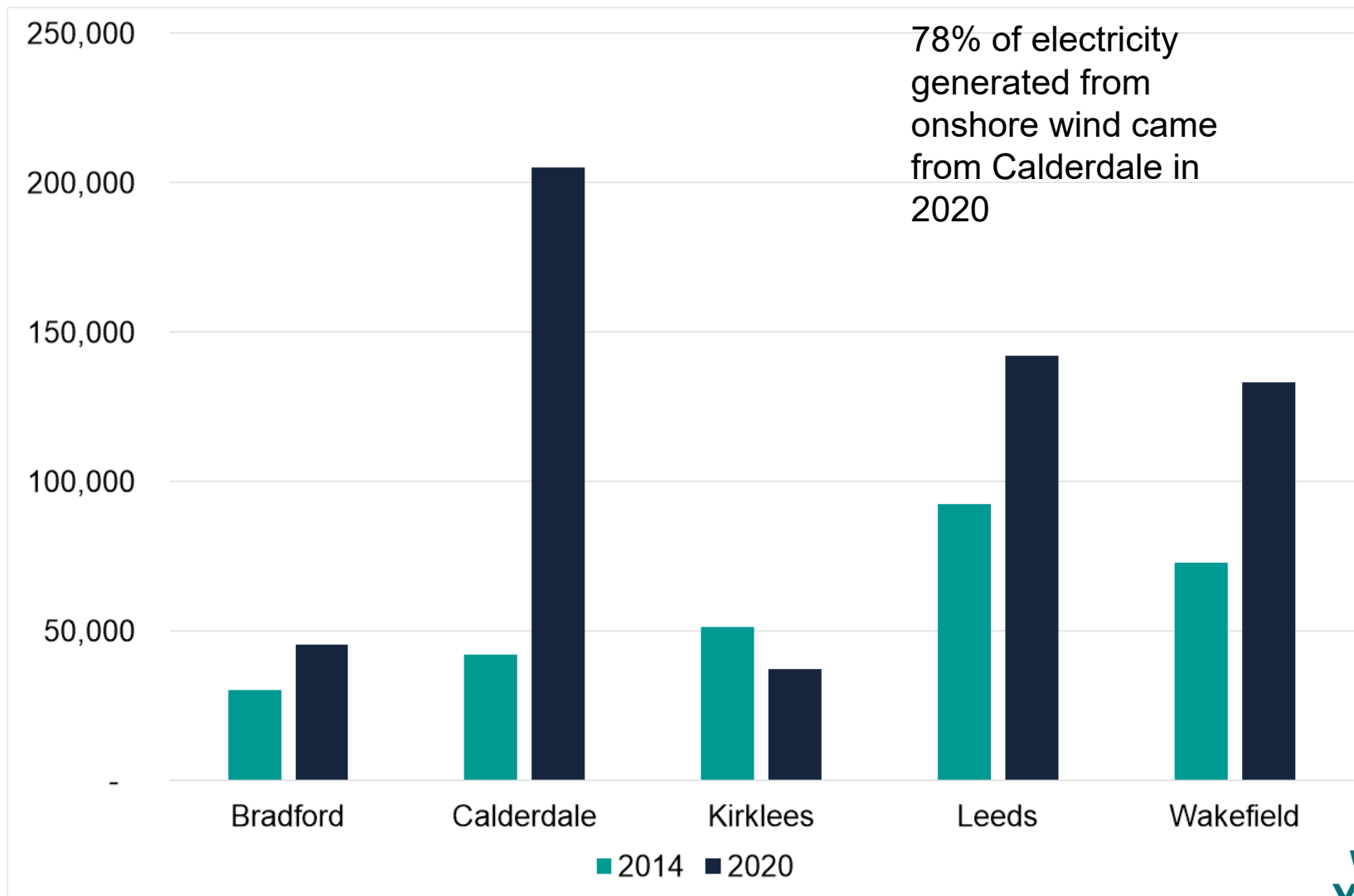
Figure: Renewable electricity generation (MWh) by source, West Yorkshire



Source: Regional Renewable Statistics, BEIS

# Sites in Calderdale generated 36% of West Yorkshire's electricity from renewable sources in 2020

Figure: Renewable electricity generation (MWh) by local authority, 2020



Source: Regional Renewable Statistics, BEIS