Appendix 1

Overview of proposed monitoring indicators for Climate, Energy and Environment Committee

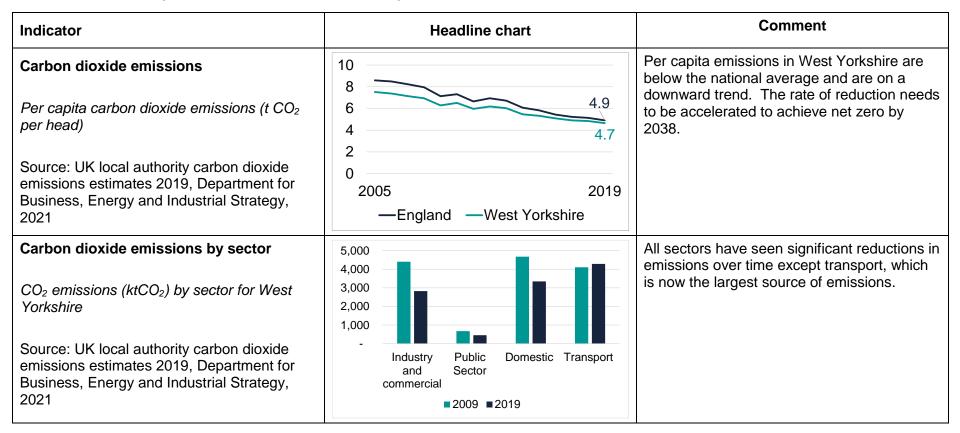
Indicator title	Description	Rationale	Source	Latest available at time of writing	Frequency	Geography for which data is available
CO2 emissions (ktCO2)	Carbon dioxide emissions estimates at local authority level	Enables us to assess progress in reducing local carbon emissions towards net zero target.	UK local authority and regional carbon dioxide emissions national statistics (BEIS)	2019	Annual Next data expected June 2022	Local authority
CO2 emissions (ktCO2) by sector	Contribution of different sectors of local economy to total carbon emissions	Enables us to provide targeted focus to emissions reduction measures.	UK local authority and regional carbon dioxide emissions national statistics (BEIS)	2019	Annual Next data expected June 2022	Local authority
Emissions intensity ratio	Ratio of carbon emissions to gross value added	Shows progress in decarbonising the economy and fostering clean growth	UK local authority and regional carbon dioxide emissions national statistics (BEIS); and Regional gross value added (balanced) per head	2019	Annual Next data expected June 2022	Local authority

Indicator title	Description	Rationale	Source	Latest available at time of writing	Frequency	Geography for which data is available
Access to greenspace	Proportion of the population who have access to local greenspace; that is, they live within 300m (As the crow flies) of an area of accessible natural greenspace of at least 2 hectares in size	Providing everybody with easy access to these assets is central to vision of Green and Blue Infrastructure strategy, in order to promote a strong economy, a sustainable environment and outstanding quality of life.	Natural England	2021	Annual	Local authority
Building energy efficiency	Average Energy Performance Certificate rating of domestic properties	Shows energy efficiency performance of domestic sector	Live tables on Energy Performance of Buildings Certificates	2020	Quarterly Next data expected May 2022	Local authority
Premises at risk of flooding	Number of homes and commercial units by likelihood of flooding	The risk of flooding is a significant issue facing many business and resident properties across the area	Environment Agency	2021	Continuous	Local authority

Indicator title	Description	Rationale	Source	Latest available at time of writing	Frequency	Geography for which data is available
Households in fuel poverty	Proportion of households in fuel poverty,based on Low Income Low Energy Efficiency (LILEE) indicator,.	Fuel poverty is a key challenge from point of view of inclusion and energy efficiency	Fuel poverty sub- regional statistics (BEIS)	2019	Annual Next data expected April 2022	District

Summary of performance against the indicators

Link to State of the Region interactive dashboard containing further detail on these indicators



Indicator	Headline chart	Comment
Emissions intensity Emissions intensity ratio - the level of CO ₂ emissions per unit of gross value added (GVA) Source: UK local authority carbon dioxide emissions estimates 2019, Department for	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Emissions intensity (ratio of emissions to economic output) is in steady decline in West Yorkshire but is higher than the national average and the gap is widening.
Business, Energy and Industrial Strategy, 2021; Regional gross value added (balanced) by industry: all ITL regions, ONS, 2021	 West Yorkshire Combined Authority England 	
Building energy efficiency Trend in average Energy Performance Certification rating by local authority	70 65 60	The average EPC rating has improved over time in West Yorkshire, although it dipped in 2020, probably as a result of factors linked to the pandemic. West Yorkshire's average rating is similar to the national average.
Source: Live tables on Energy Performance of Buildings Certificates, MHCLG, 2021	55 p ⁽² p ⁽²	

Indicator	Headline chart	Comment
Access to green space	30%	Just over a fifth of West Yorkshire's population have easy access to local natural
Proportion of population with easy access to local natural greenspace	10%	greenspace.
Source: Natural England 2021, ONS Mid- Year Population Estimates	0% Brattord Calderdale Virkees Virate	
Premises at risk of flooding Proportion of residential properties in flood zones	6% 5% 2% 4% 3% 4%	Around 4% of residential properties in West Yorkshire fall within a flood zone, rising to more than 6% in Calderdale. Flooding is likely to become a more frequent occurrence as a result of climate change.
Source: Environment Agency 2021, ONS Mid-Year Population Estimates	Bratord Calerdale Kinkees Leeds Wakefeld Naterial	
Fuel poverty	20%	Around 169,000 households in West Yorkshire (17% of all households) are in fuel
Proportion of households in fuel poverty, 2019	15% 10% 5% 0%	poverty, a prevalence that is above the national average (13%).
Source: Fuel poverty detailed tables, Department for Business, Energy and Industrial Strategy, 2021	0% Bradtord Caleerdale Kithlees Leeds Unakelied Nieshif England	