


The Green City Regions Index


This index examines environmental performance against a range of indicators. Taken together, they provide a snapshot of how each city region is currently doing on issues, including energy use, emissions, waste, green infrastructure, housing and transport.

The indicators also reflect issues on which metro mayors have the potential to accelerate progress, for example through their new transport powers.

The data in the index has informed our analysis of the devolution deals and the proposals we make.

At the end of the report we look in depth at each city region, and the strengths and weaknesses the index highlights.

 Worst performing region

 Best performing region

*See the annex on page 52 for notes on the data presented against this indicator, as data for some local authorities was absent.

	Indicator	Cambridge-shire and Peterborough	Greater Manchester	Liverpool City Region	Tees Valley	West Midlands	West of England	National average for England
Transport and air quality	Access to services by public transport or walking – minimum travel time in minutes	22	15	14	16	15	16	15
	Local bus use – passenger journeys per capita, per year	38	74	84	48	95	63	83
	Cycling five times per week for utility purposes – percentage of population	5.9%	0.9%	2.2%	0.4%	1.0%	2.5%	1.5%
	Charging points for low carbon vehicles per 100,000 people	5	5	1	19	2	8	6
	Car use – vehicle miles travelled per capita	5,415	3,228	3,064	3,796	2,891	4,060	3,873
	Deaths attributable to anthropogenic particulate pollution (age 25+) per 100,000 people	42	51	58	45	54	45	47
	Urban area compliant with EU limits for nitrogen dioxide	No	No	No	No	No	No	N/A
Homes and communities	Percentage of new development on brownfield sites 2013-16	44%	65%	47%	44%	50%	55%	59%
	Grade I listed buildings at risk	1%	17%	5%	9%	8%	2%	5%
Natural environment and water quality	Local authority expenditure on open spaces per capita	£10	£17	£28	£17	£22	£20	£20
	Local sites in positive conservation management*	No report since 2011	55%	41%	47%	43%	42%	48%
	Use of open space for exercise and health – percentage of population	22%	15%	17%	21%	18%	31%	18%
	Water quality – percentage of water bodies rated 'bad' or 'poor'	15%	8%	10%	44%	33%	15%	20%
Resilience and resource efficiency	Total carbon dioxide emissions per capita (t)	7.2	5	5.4	20.3	4.7	5.1	6
	Buildings sold, built or let with an EPC rating of A, B or C in 2016	41%	32%	34%	34%	27%	41%	36%
	Electricity consumption met by renewables	34%	4%	8%	21%	5%	7%	19%
	Waste sent for recycling, compost or reuse	49%	42%	35%	36%	32%	49%	40%