

Charlestown's Carbon Footprint

**Charlestown's
Carbon Footprint is higher
than the average for
Manchester.**

Our individual actions can make a big difference to help reduce it. Read on to find out what's adding to the Carbon Footprint and ways to take action.



In a nutshell...

At home

43% of the homes in Charlestown with an Energy Performance Certificate scored below a 'C' rating for energy performance. This means they need more energy to keep warm, which could mean releasing more CO₂.

On the move

Charlestown has a public transport accessibility score of between 4/8 and 5/8 in the west, which means coverage, frequency and reliability is moderate, and 6/8 to 7/8 in the east which is high.



Top actions and tips

Organisations like Energy Saving Trust can help advise you on improving your home's energy performance even further as well as saving you money.

Making more use of your public transport links as well as cycling or walking to get around will lower carbon emissions and benefit your health and wellbeing.



**It's
In Our
Nature** 

Find more tips and inspiration for making Manchester a greener, healthier and more connected city.

Visit: [inournature.uk](https://www.inournature.uk)

In Our Nature is a collaboration between

MANCHESTER
CLIMATE CHANGE
AGENCY



Registered charity no. 1158700



Tyndall Centre **22**
for Climate Change Research **years**

GROUNDWORK
GREATER MANCHESTER



MANCHESTER
CITY COUNCIL

It is funded by the National Lottery and a coalition of funding partners.

Dig into the detail

At home

Electrical sockets and lights in Charlestown are emitting less CO₂ now than 10 years ago. This is due to changes in where we get our electricity from and improvements in the efficiency of our lightbulbs and appliances. By choosing more efficient appliances and using them less regularly, Charlestown's carbon footprint can be reduced even further.

Most homes in Charlestown have an Energy Performance Certificate (EPC) that gives us an idea of how energy efficient a home is. Homes with an 'A' rating need less energy to keep warm and light, homes with a 'G' rating are hard and expensive to heat. 90% of homes in Charlestown with an EPC are average or above average on energy performance ('D' or higher). 57% of homes are a 'C' rating or above and 17% are low cost and low carbon to heat and power ('A' and 'B' rated). Organisations like the [Energy Saving Trust](#) and [People Powered Retrofit](#) can help with advice on improving your home's energy efficiency, and the [Help for Households](#) website has lots of low and no cost tips for saving energy.

The gas we use to heat our homes is a CO₂ causing fossil fuel. The amount of gas used in Charlestown hasn't changed much over the last 10 years, so CO₂ emissions for this are just 7% lower than in 2010. By improving the energy efficiency of homes in Charlestown and swapping gas appliances to electric for things like cooking, Charlestown can reduce its carbon footprint.

On the move

Charlestown has a public transport accessibility score of between 4/8 and 5/8 in the west and 6/8 to 7/8 in the east. This means the coverage, frequency and reliability of bus, Metrolink and rail services is moderate in the west and high in the east. 19% of people in Charlestown travel more than 6 miles for work.

As in most of England, Charlestown's car travel carbon emissions didn't change for the 10 years up to the pandemic but there are opportunities to reduce this footprint with good options for low carbon travel and potential for more walking and cycling. Plan your journey with the [Bee Network](#).

To find out more about how we calculated the carbon footprints and check the data for yourself, head to: www.manchesterclimate.com/local-carbon-footprints

In Our Nature is a collaboration between

MANCHESTER
CLIMATE CHANGE
AGENCY



Registered charity no. 1158700



Tyndall Centre **22**
for Climate Change Research **years**

GROUNDWORK
GREATER MANCHESTER



MANCHESTER
CITY COUNCIL

It is funded by the National Lottery and a coalition of funding partners.