

# Infographic for Carbon Emissions in the County of Surrey, UK

version-2  
26th June 2020

## Consumption Based Emissions

7,500-10,700 kt CO<sub>2</sub> equiv. emissions.  
per annum

## Direct Emissions in Surrey

(values in thousand tonnes CO<sub>2</sub> pa)  
6,194 kt CO<sub>2</sub> emissions per annum

### Additional CONSUMPTION based emissions in Surrey

(between 7,523 to  
10,704 ktCO<sub>2</sub> equ pa)

falling

Behavioural  
led  
emissions

Including:

Food  
(12.7%)

Goods  
(11.7%)

Imports  
rising

Clothes  
(2.7%)

Power, Water,  
Waste (23.8%)

Aviation &  
Shipping

Mining &  
Construction  
(4.8%)

Services,,  
Gov, Health &  
Education  
(23.5%)

Transport  
(20.8%)

rising

flat

### TRAVEL

3,116  
ktCO<sub>2</sub> pa

+ AQ  
issues

Including:

Personal  
travel 33%

### Cars

2,000

Community  
/ Business  
travel 52%

Shopping  
travel  
15%

rising

LGV  
540

HGV  
435

### HOUSING

1,990

Including:

1,351  
HEAT

mainly  
Gas Heating

flat

558

Electricity

falling

falling

### COMMERCIAL and INDUSTRY

1,186

### PUBLIC BUILDINGS

132

(50%  
council  
buildings)

### LAND USE (negative emissions)

- 230

Approximately  
13 tonnes CO<sub>2</sub> equivalent  
Emissions per person per year

kilo-tonne and % values are courtesy of University of Surrey