

# Environment, Climate Emergency and Transport Committee

## Performance Report

May 2022

This PDF may not be suitable to view for people with disabilities, users of assistive technology or mobile phone devices. If you need an accessible copy of this document please contact [carolynkirchin@wirral.gov.uk](mailto:carolynkirchin@wirral.gov.uk)

When measuring and reporting on greenhouse gas or carbon emissions, people talk about Scopes 1, 2, 3

Scope 1 is direct greenhouse gas emissions from sources owned or controlled by the organisation, for example emissions burning directly in boilers and vehicles. Organisations have direct control over these emissions.

Scope 2 accounts for emissions of purchased electricity consumed by the organisation. Organisations can impact their Scope 2 emissions by using less power and choosing to purchase clean energy rather than from fossil fuel sources.

Scope 3 includes indirect emissions from wider supply chains (often reaching international jurisdictions), emissions from the use of local authority services, contracted out services and investments. Councils will have a strong influence over some of these emissions (eg contracted out services and investments) and less over others.

| Emissions Type                     | Scope                      | Emissions (tCO2e) 2019-20 Baseline | Emissions (tCO2e) 2020-21 | 2020-21 Percentage of Total | Percentage Change since Baseline |
|------------------------------------|----------------------------|------------------------------------|---------------------------|-----------------------------|----------------------------------|
| Total Emissions                    | All Scopes                 | 13656                              | 9424.39                   |                             | -31%                             |
| Heating                            | Scope 1 (direct emissions) | 5994.67                            | 4367.77                   | 44%                         | -27%                             |
| Electricity                        | Scope 2 (energy indirect)  | 5924.4                             | 4159.65                   | 43%                         | -30%                             |
| Transmission & Distribution Losses | Scope 3 (other indirect)   | 502.97                             | 357.77                    | 4%                          | -29%                             |
| Authority's Fleet                  | Scope 1 (direct emissions) | 599.99                             | 268.32                    | 4%                          | -55%                             |
| Staff Travel                       | Scope 3 (other indirect)   | 482.03                             | 156.38                    | 4%                          | -68%                             |
| Water                              | Scope 3 (other indirect)   | 151.94                             | 114.5                     | 1%                          | -25%                             |

### Scope 1 (direct emissions)

#### Heating

**4,368**

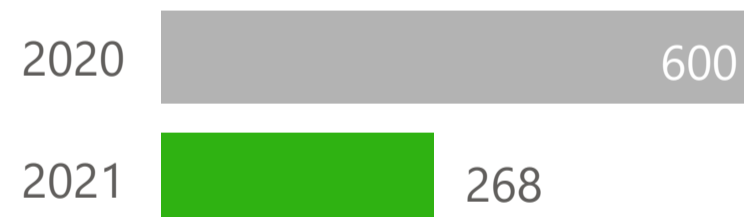
Baseline: 5,995 (-27%)



#### Authority's Fleet

**268**

Baseline: 600 (-55%)



### Scope 2 (energy indirect)

#### Electricity

**4,160**

Baseline: 5,924 (-30%)

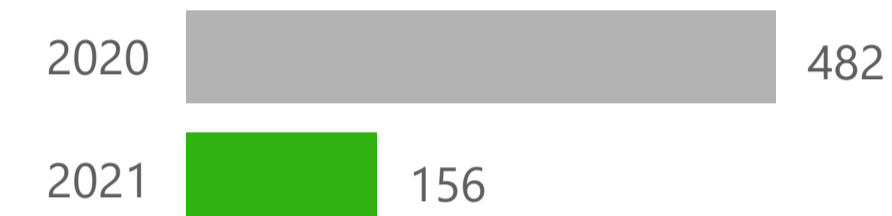


### Scope 3 (other indirect)

#### Staff Travel

**156**

Baseline: 482 (-68%)



#### Transmission & Distribution

**358**

Baseline: 503 (-29%)



#### Water

**115**

Baseline: 152 (-24%)



### All Scopes

#### All Scopes

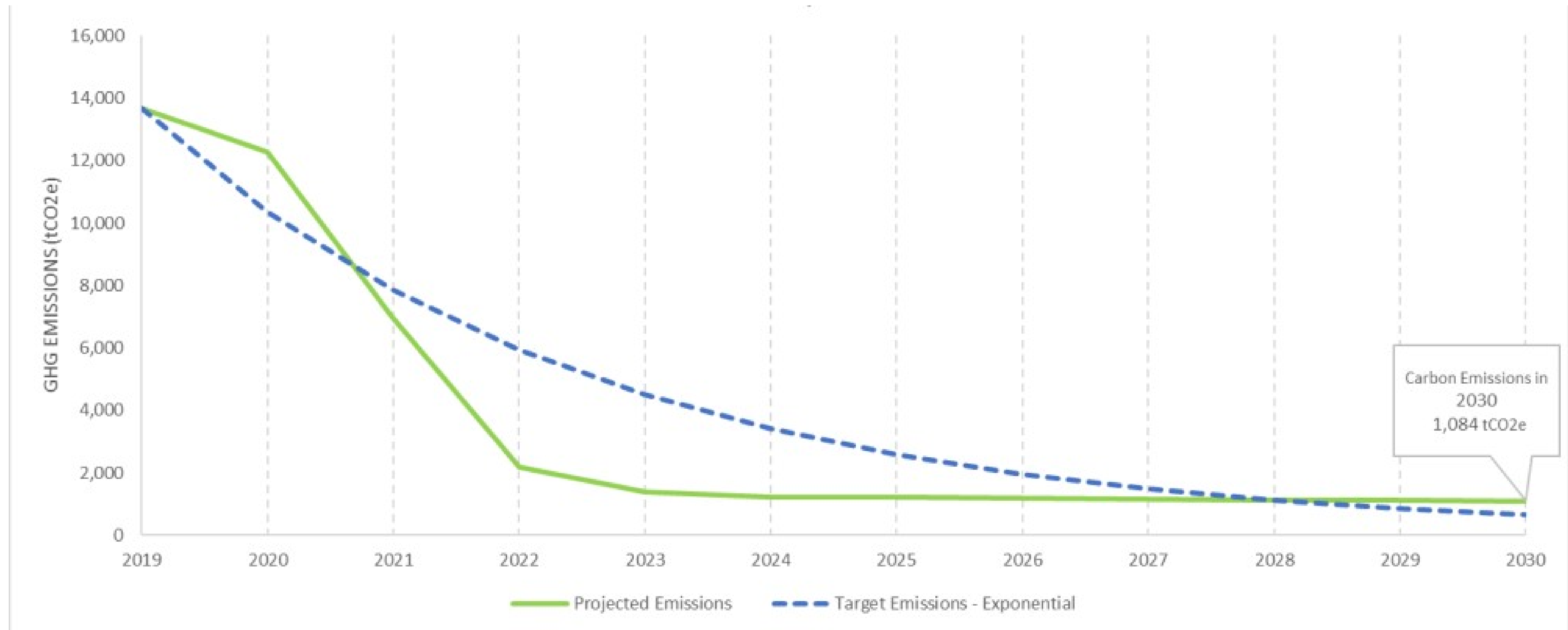
**9,424**

Baseline: 13,656 (-31%)



**This is annual data.  
Next update summer 2022**

*Trajectory reflects what COULD be possible if everyone delivers on the Climate Emergency Action Plan by 2022*





# Council Energy Usage Q4 (Jan-Mar) 2021-22. Compared to last year

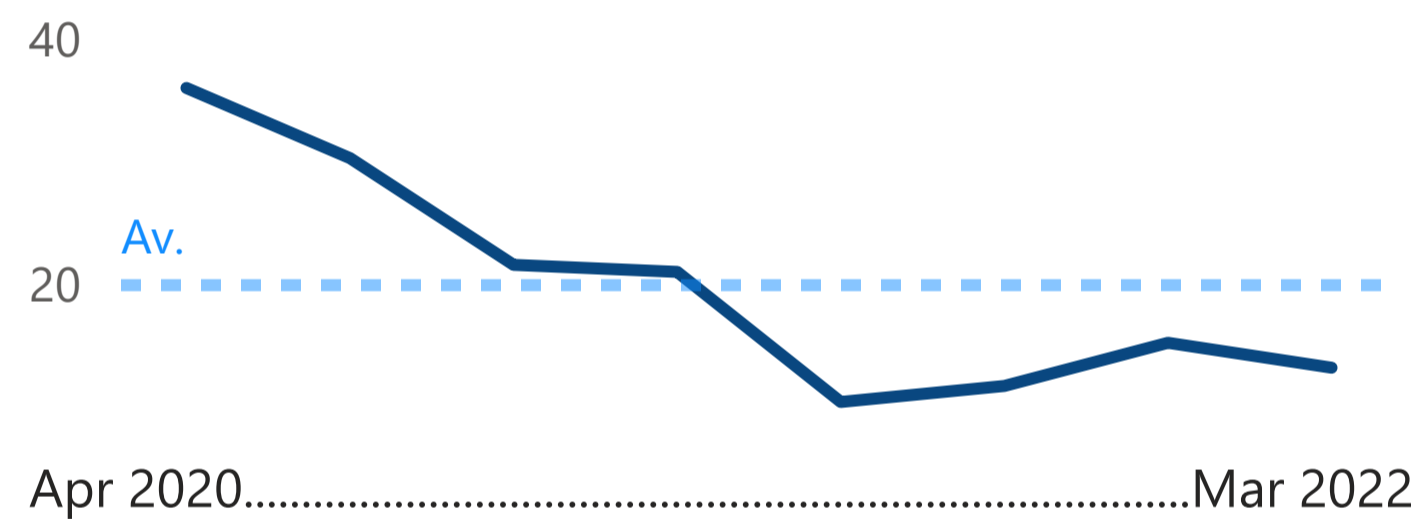
Work will be undertaken to show the impact on Council's ambition on trajectory to reach net zero emissions by 2030

Latest Data available for Council Energy is Q2 (Jul-Sep) 2021

## Water (cubic metres)

# 13

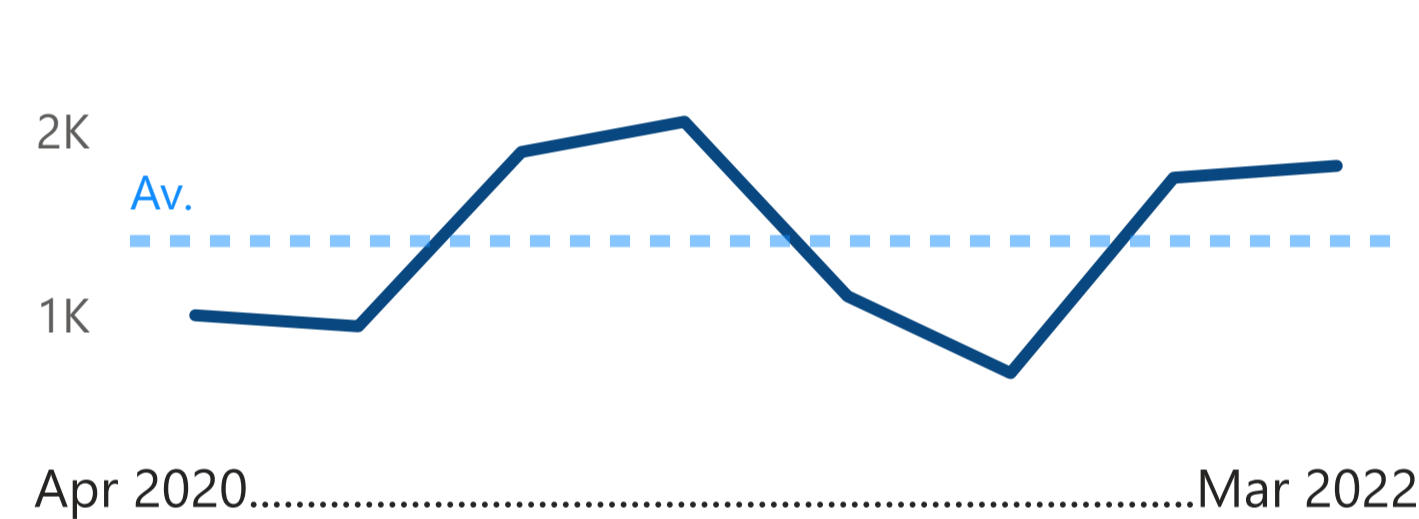
Previous Year: 21 (-37%)



## Gas & Electricity (kWh)

# 1,809

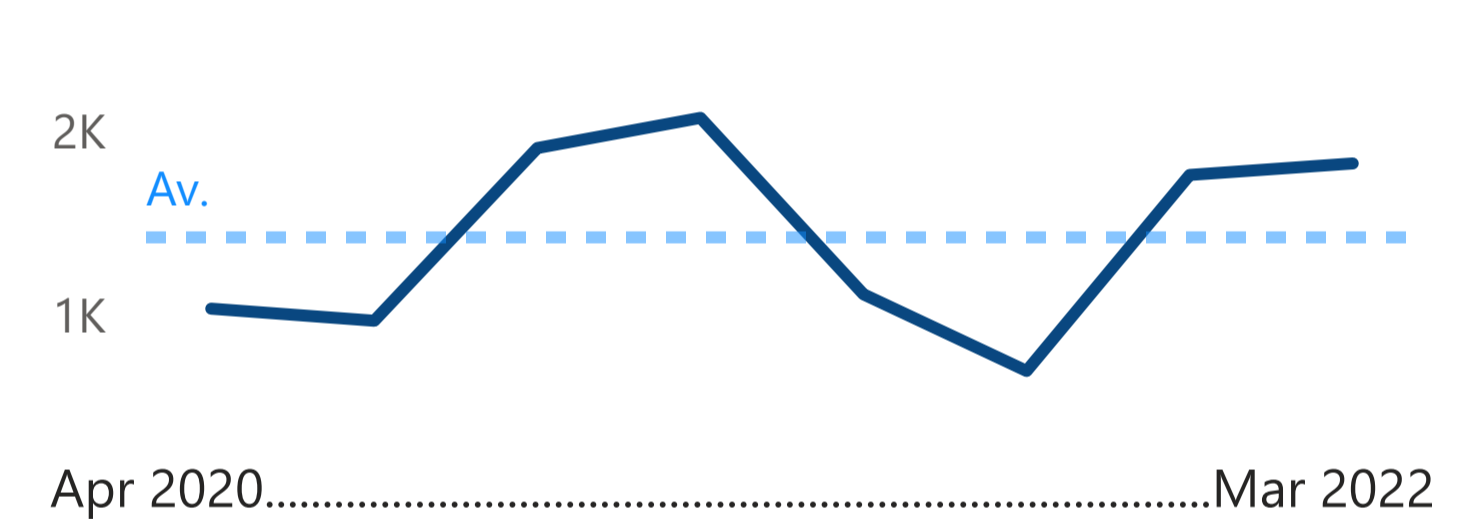
Previous Year: 2,049 (-12%)



## Gas, Electricity & Water (Tonnes CO2e)

# 1,822

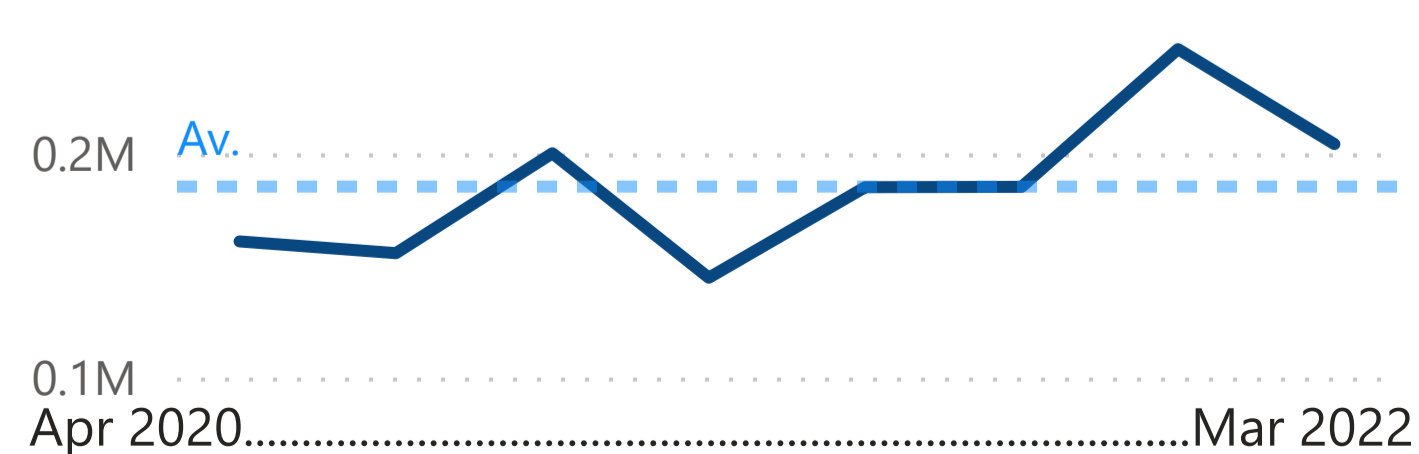
Previous Year: 2,070 (-12%)



## Business Mileage

# 204,169

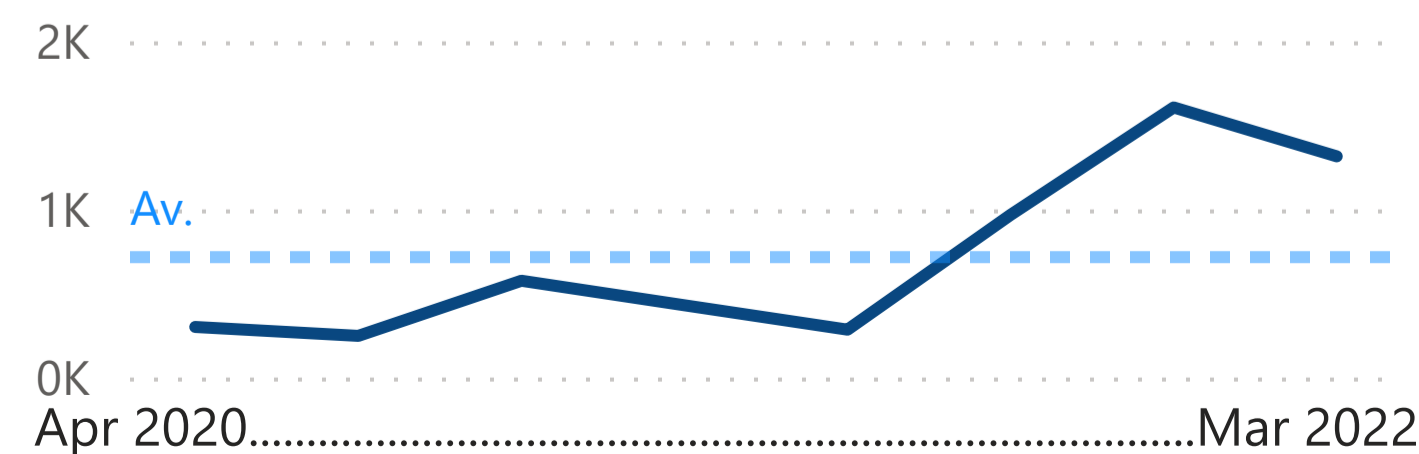
Previous Year: 144,549 (+41%)



## Business Mileage - Schools

# 1,316

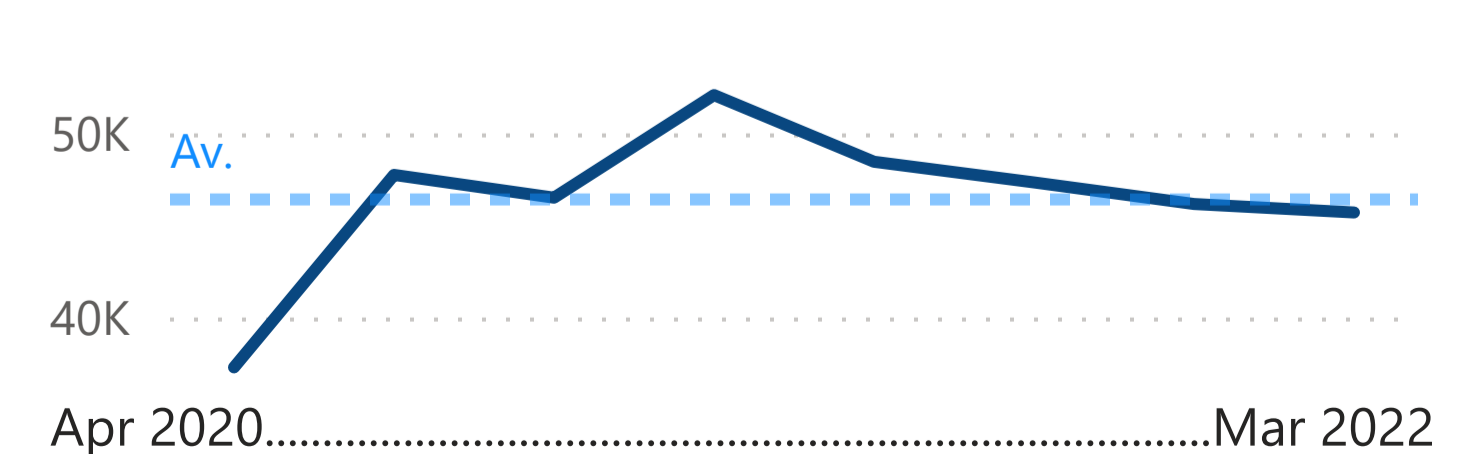
Previous Year: 430 (+206%)



## Fleet Vehicle Fuel Usage (Diesel Litres)

# 45,706

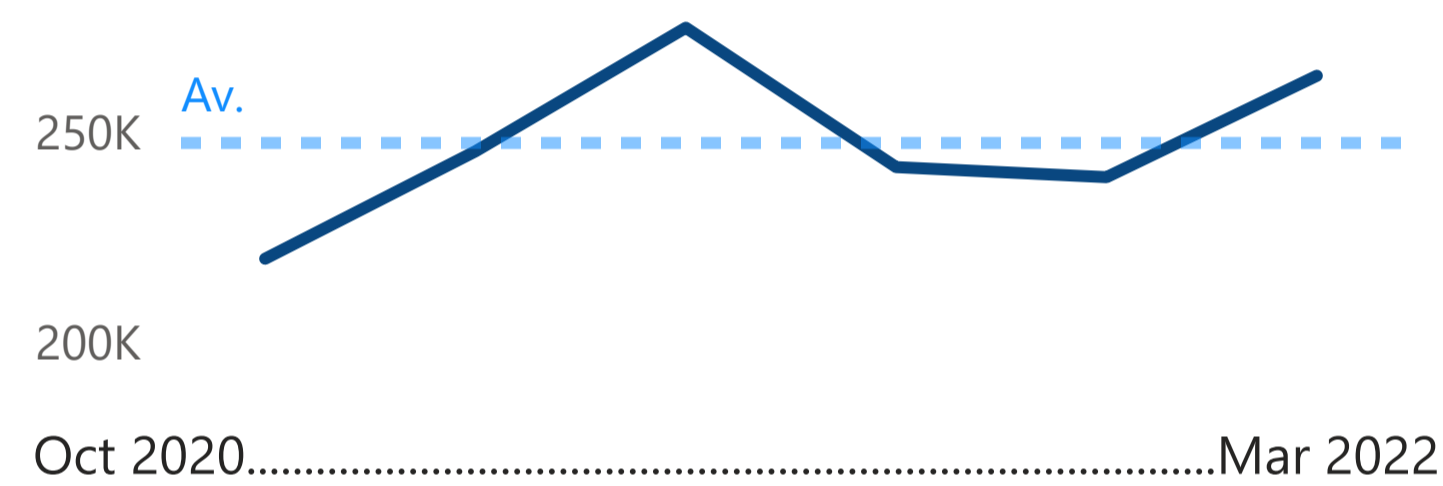
Previous Year: 52,083 (-12%)



## MS Teams Calls Participation (Activity)

**263,314**

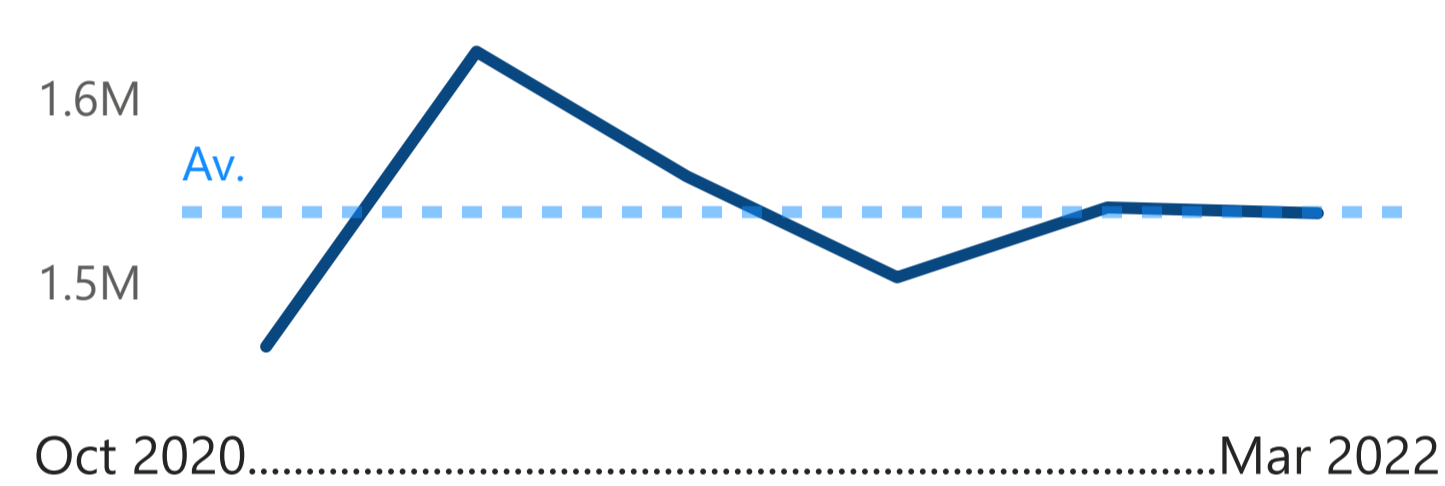
Q1 2021-22: 245,341 (+7%)



## MS Teams Chat Messages (Activity)

**1,537,249**

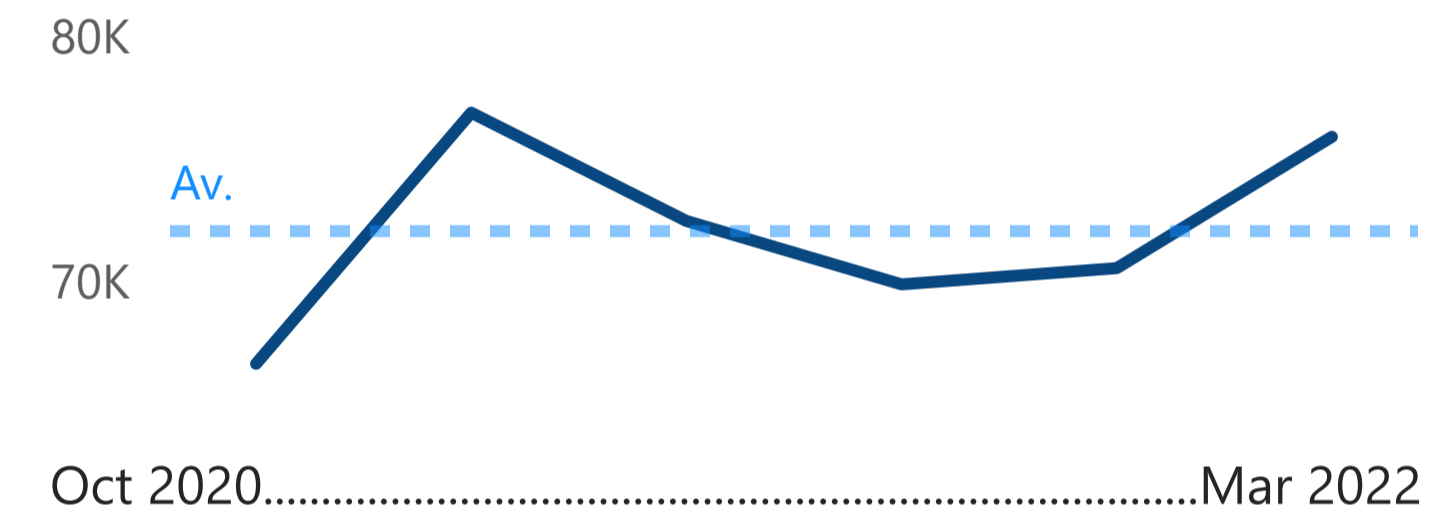
Q1 2021-22: 1,624,991 (-5%)



## MS Teams Meeting Participation (Activity)

**75,879**

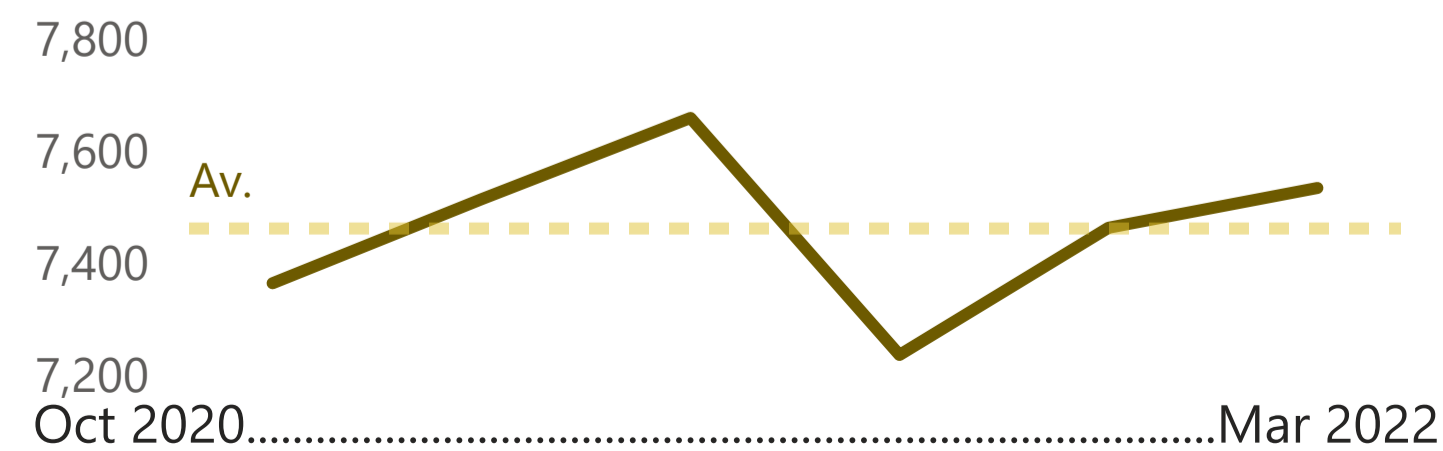
Q1 2021-22: 76,860 (-1%)



## MS Teams Calls Participation (Users)

**7,533**

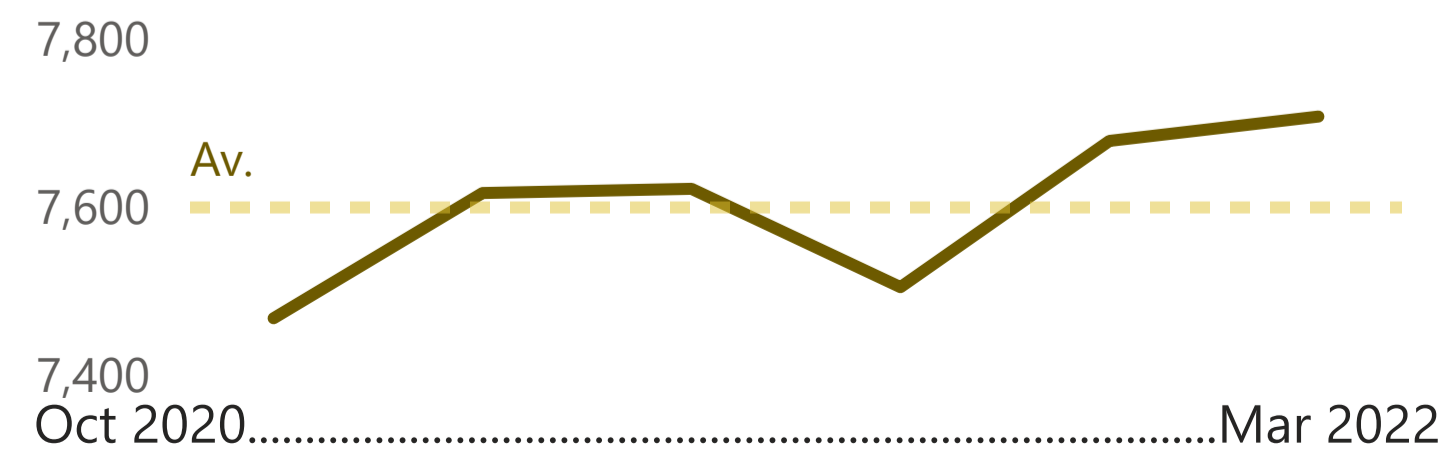
Q1 2021-22: 7,513 (+0%)



## MS Teams Chat Messages (Users)

**7,707**

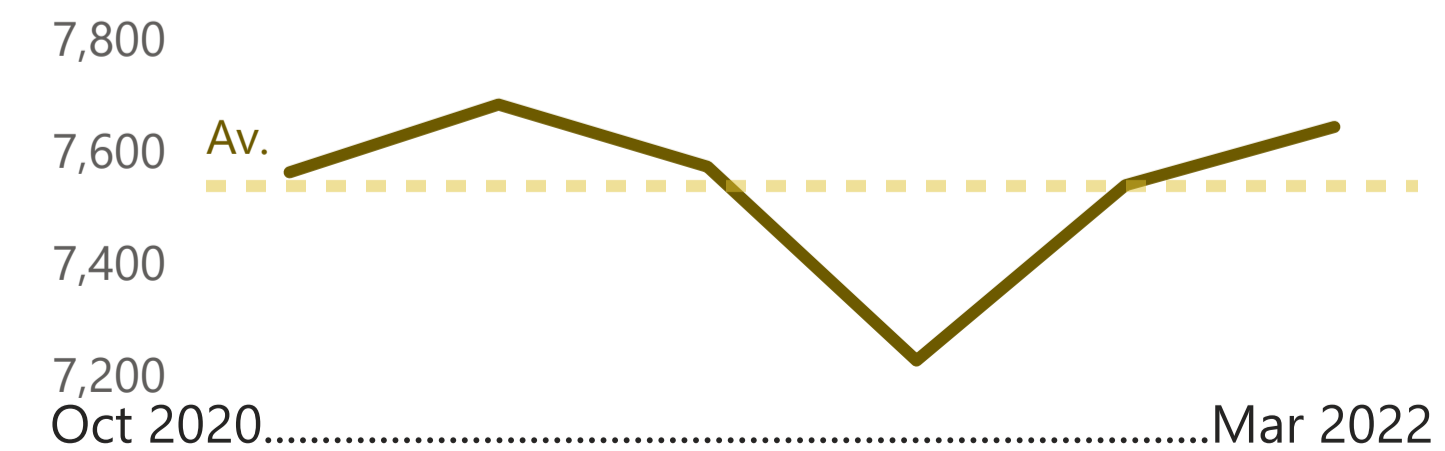
Q4 2021-22: 7,616 (+1%)



## MS Teams Meeting Participation (Users)

**7,642**

Q4 2021-22: 7,682 (-1%)



Data combines UK's Greenhouse Gas Inventory with data from a number of other sources, including local energy consumption statistics. They show "territorial" emissions, meaning they occur within the Borough of Wirral's borders.

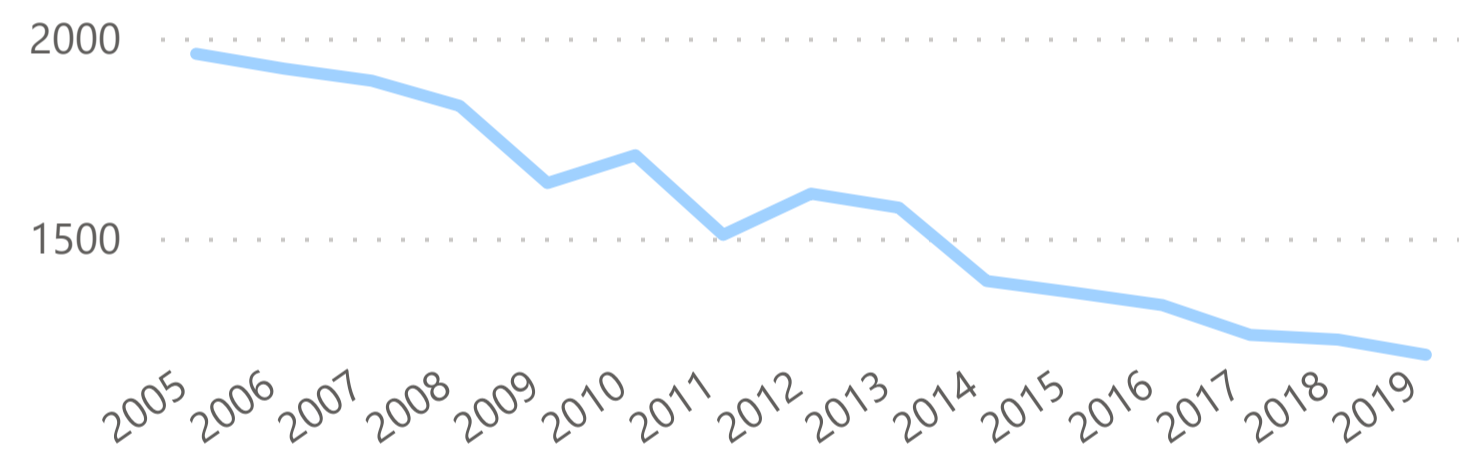
Data shows emissions allocated on an "end-user" basis where emissions are distributed according to the point of energy consumption.

## 2019 Data compared to previous years

Wirral CO<sub>2</sub> emissions estimates (kt CO<sub>2</sub>)

**4220.0**

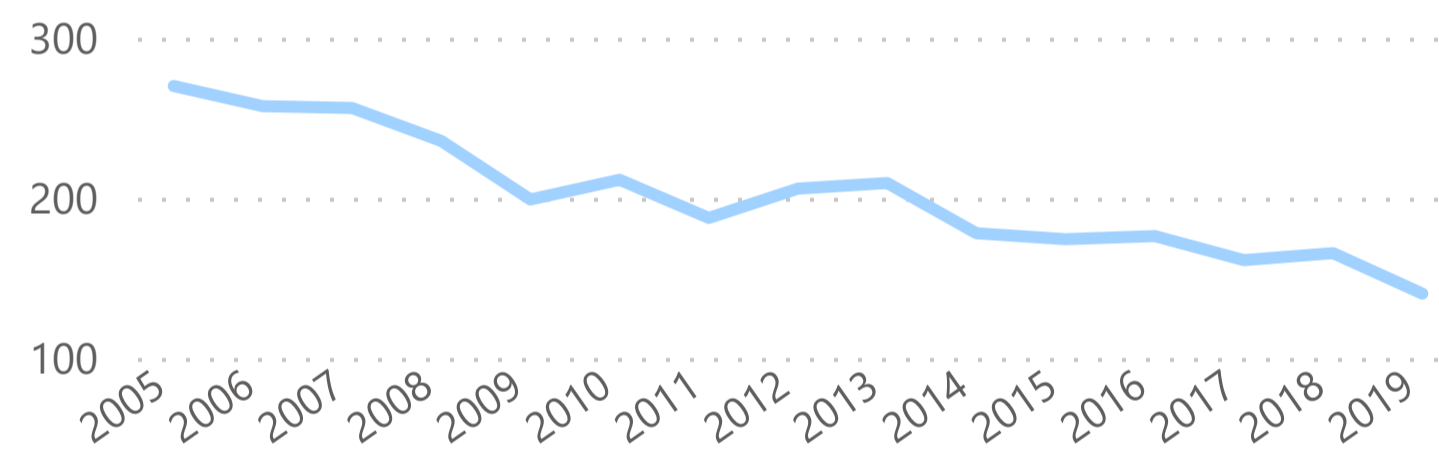
2018: 4333.4 (-2.6%)



Industry CO<sub>2</sub> emissions estimates (kt CO<sub>2</sub>)

**140.2**

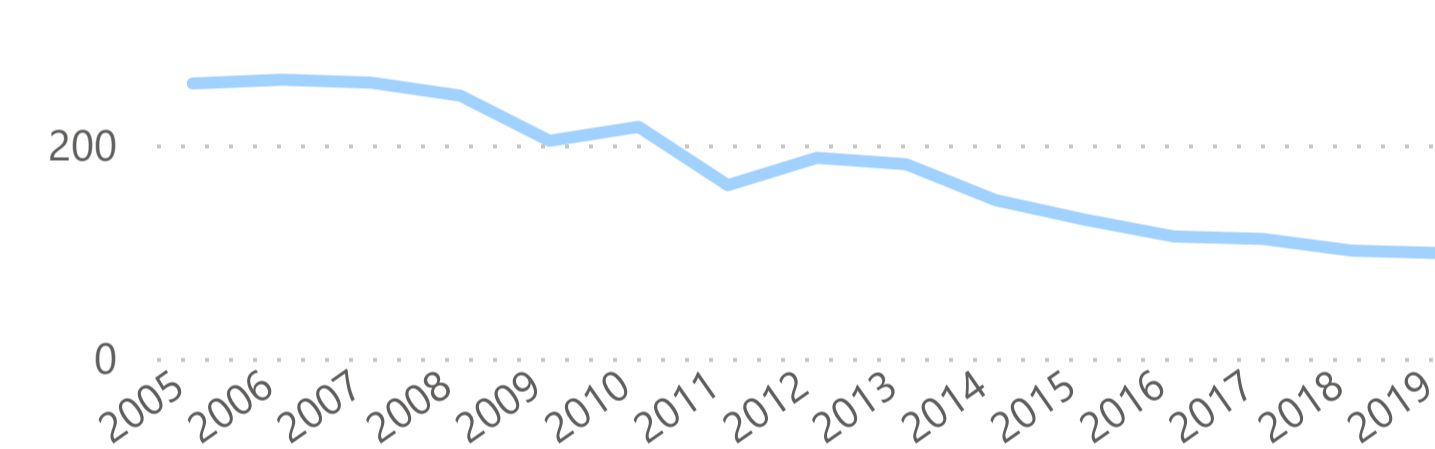
2018: 165.5 (-15.3%)



Commercial CO<sub>2</sub> emissions estimates (kt CO<sub>2</sub>)

**98.2**

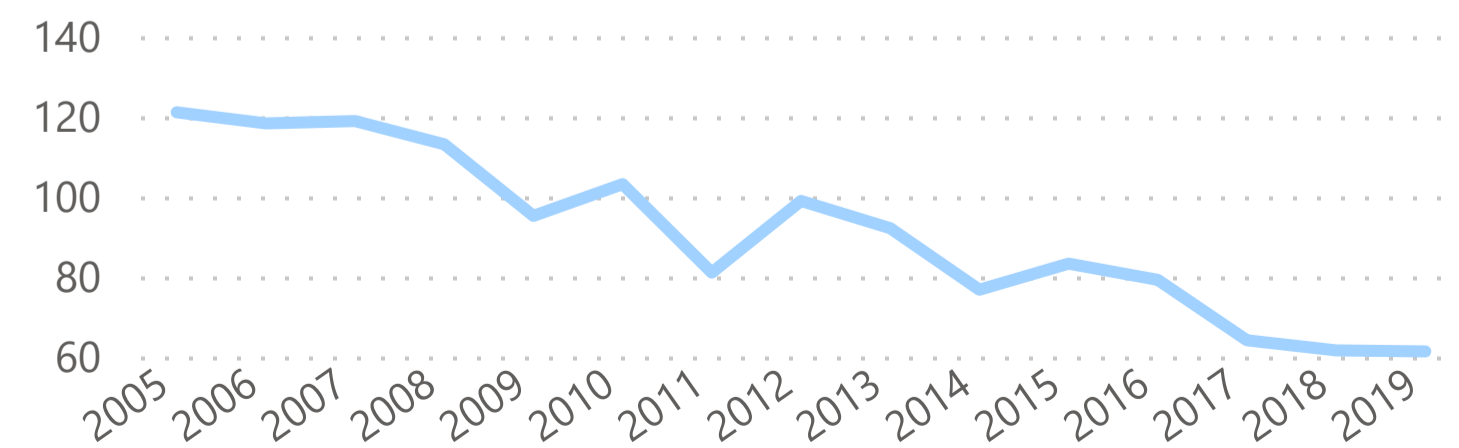
2018: 100.5 (-2.2%)



Public Sector CO<sub>2</sub> emissions estimates (kt CO<sub>2</sub>)

**61.3**

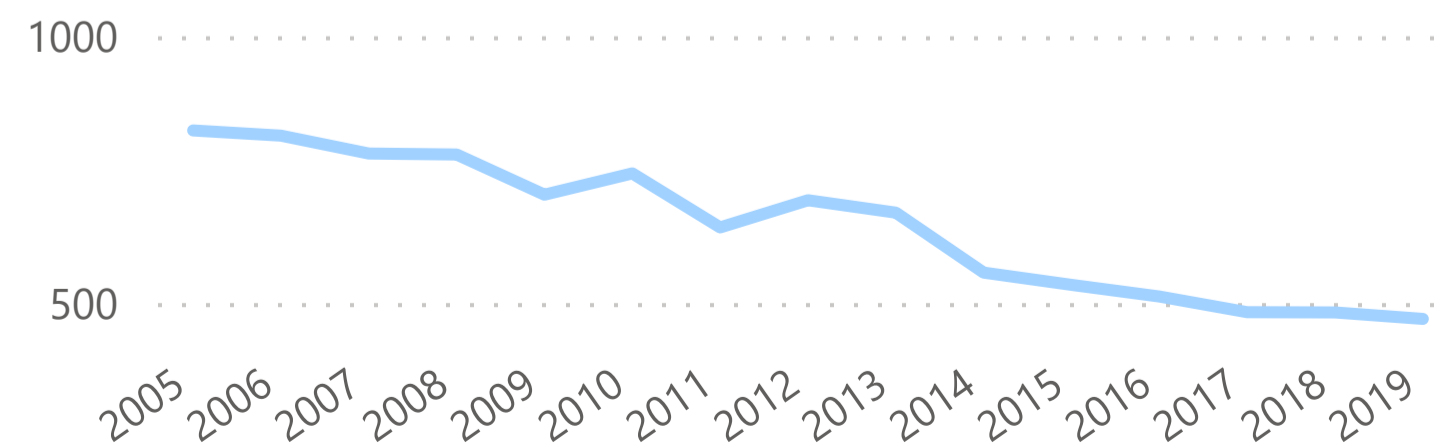
2018: 61.5 (-0.4%)



Domestic CO<sub>2</sub> emissions estimates (kt CO<sub>2</sub>)

**470.4**

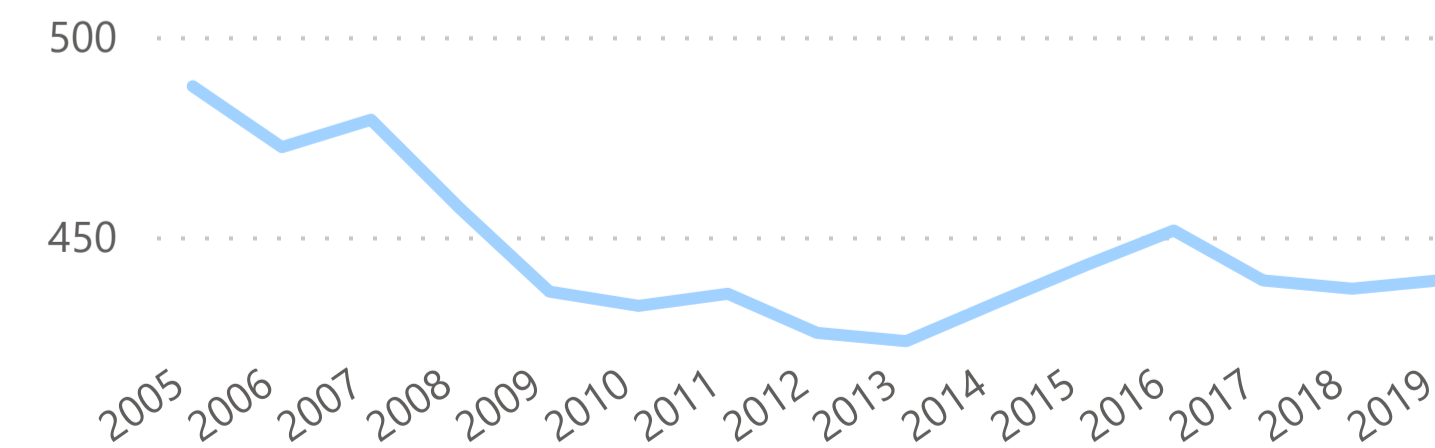
2018: 482.5 (-2.5%)



Transport CO<sub>2</sub> emissions estimates (kt CO<sub>2</sub>)

**439.1**

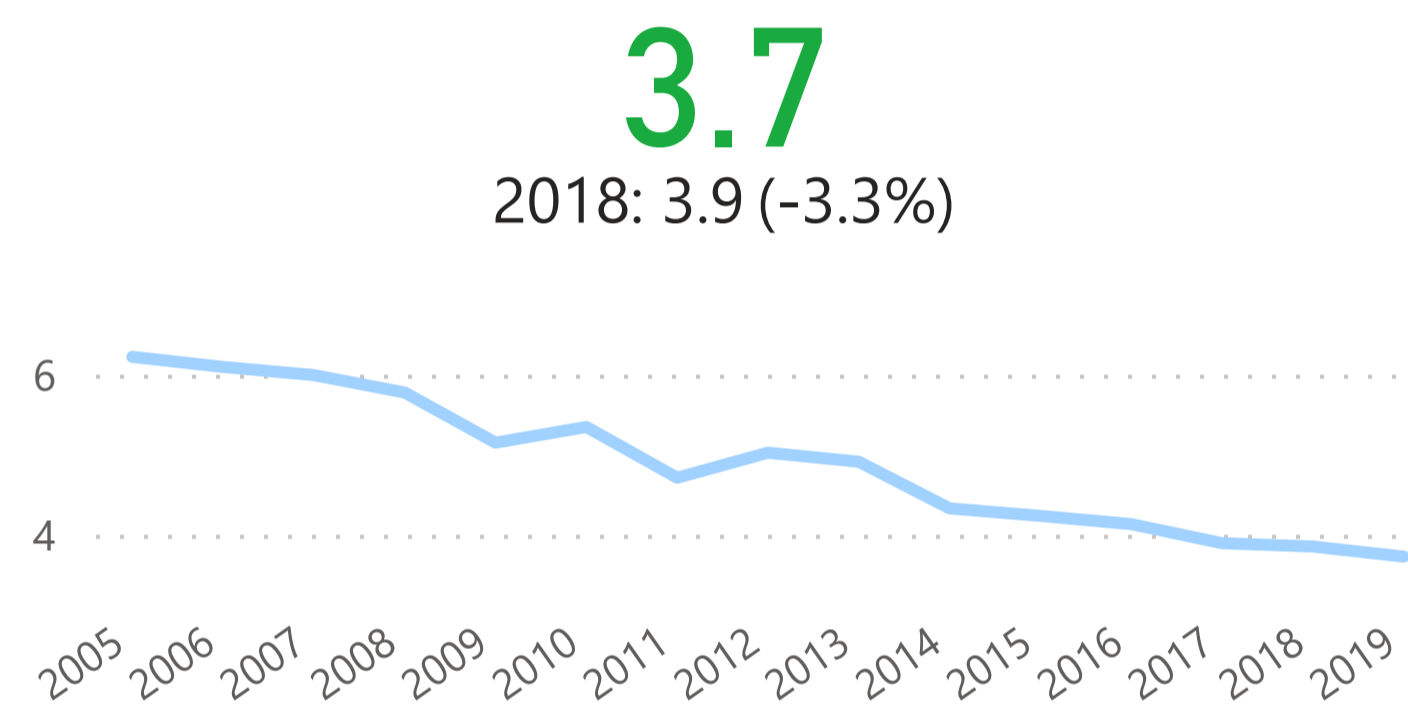
2018: 436.9 (+0.5%)



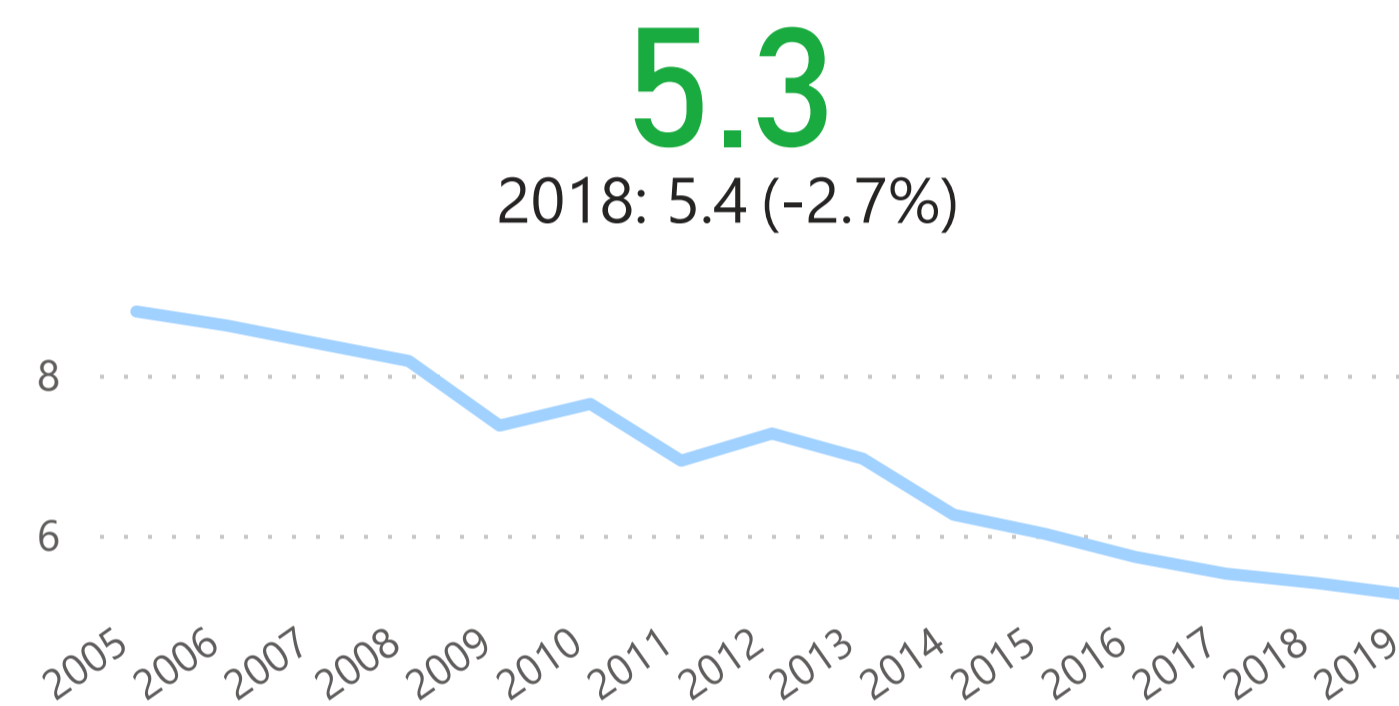
Data combines UK's Greenhouse Gas Inventory with data from a number of other sources, including local energy consumption statistics. They show "territorial" emissions, meaning they **occur within the Borough of Wirral's borders**.

Data shows emissions allocated on an "end-user" basis where emissions are distributed according to the point of energy consumption.

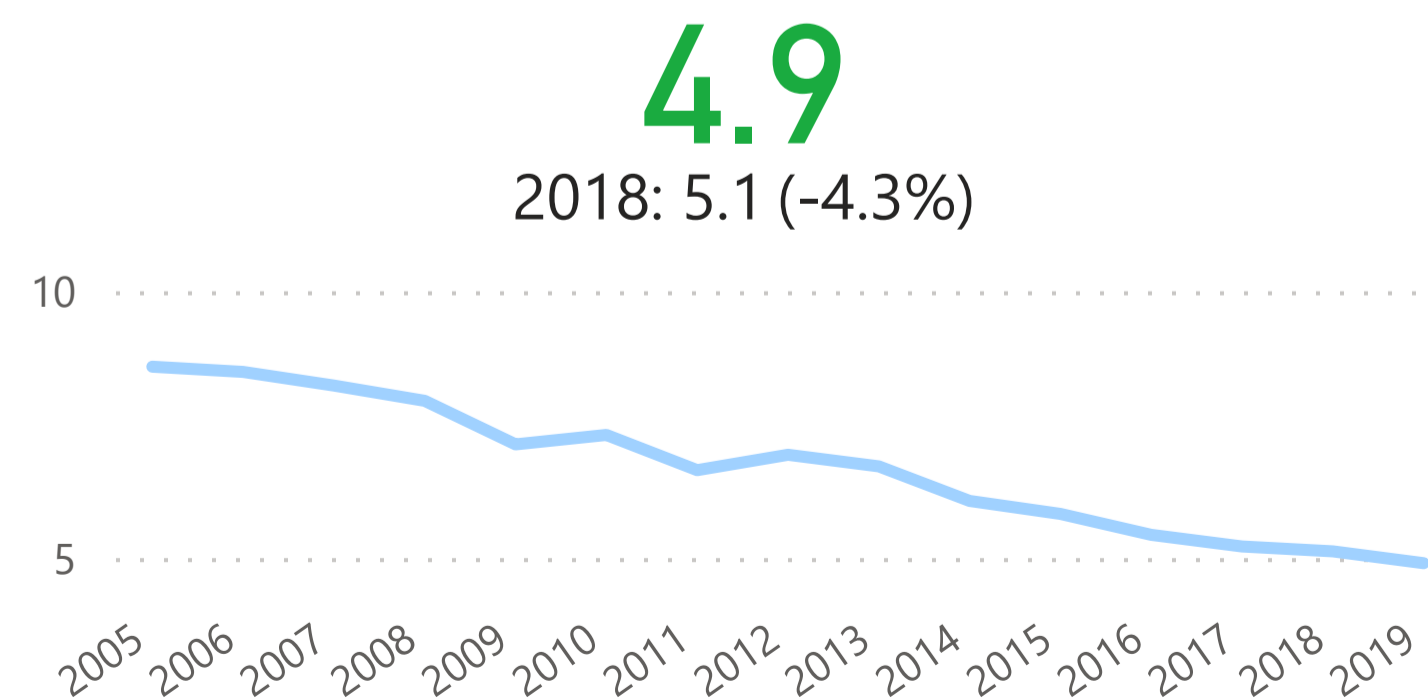
### Wirral per capita emissions (t) 2019



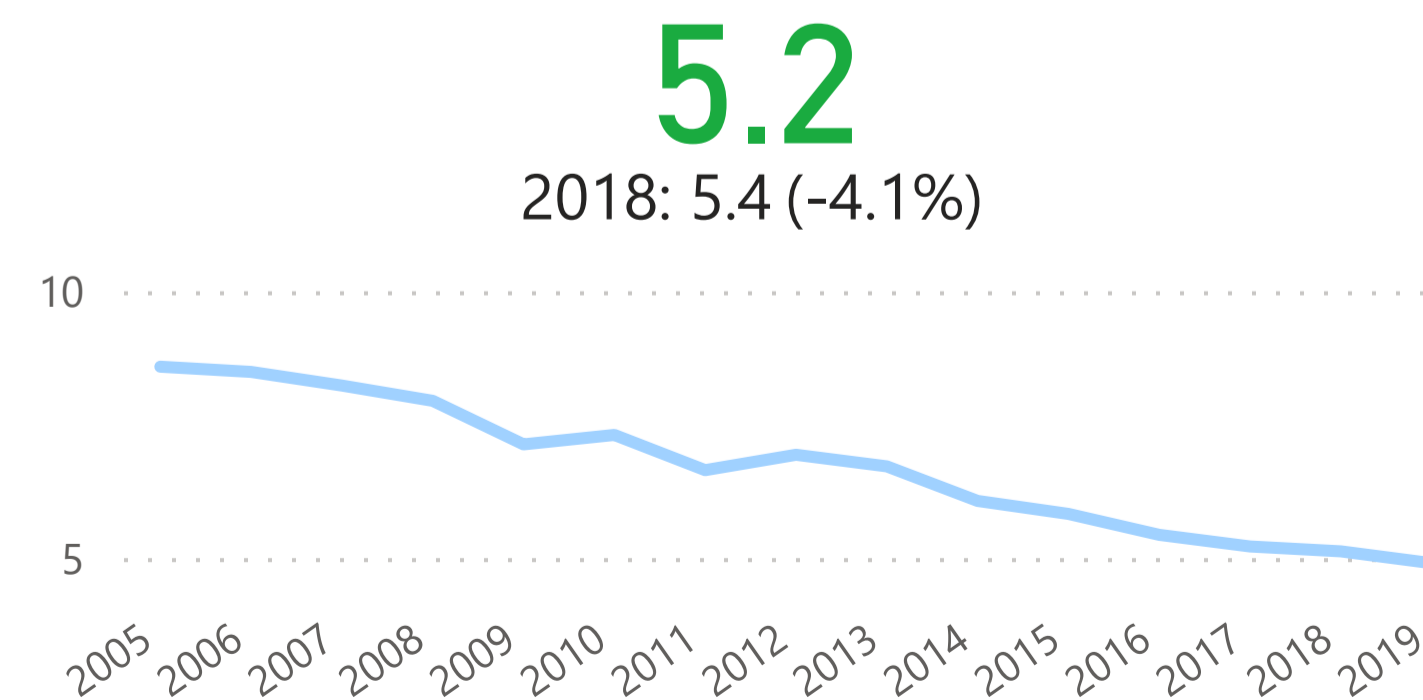
### North West per capita emissions (t) 2019



### England per capita emissions (t) 2019



### National per capita emissions (t) 2019





The Tree, Hedgerow & Woodland Strategy requires 21,000 trees be planted every year to meet the 210,000 target by 2030.  
Tree planting season is October through to the end of March.

Trees Planted Years 1 &amp; 2

**45,559**

Target Years 1 &amp; 2

**42,000**

Performance against target

**8.5%**

Trees individually inspected since surveyors started in early 2021

**30,386**

Individual items of proactive tree maintenance works identified and ordered since start of contract (Apr 2020)

**9,771**

Veteran trees tested for decay with arborsonic equipment

**179**

Dangerous or unstable trees felled over 4 years

**3,509**

Woodland compartments captured within the inventory

**627**

Tree groups captured within the inventory

**1,915**

Parks sites inspected this year

**220**

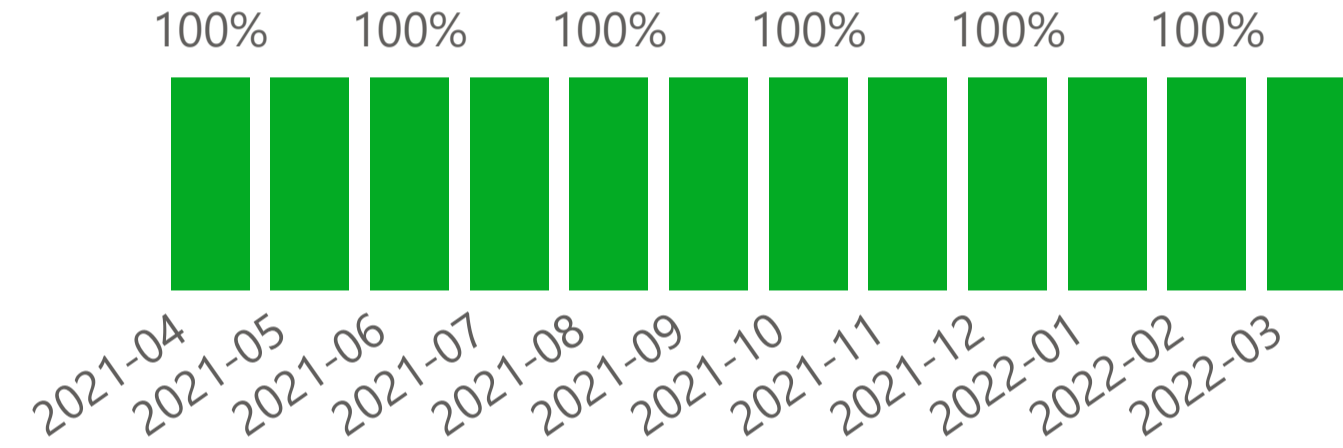
According to Local Partnerships CEAP, carbon sequestered from tree planting  
**222 (tCO<sub>2</sub>e) by 2030**

The Tree, Hedgerow & Woodland Strategy requires 21,000 trees be planted every year to meet the 210,000 target by 2030.

| Tree Planting                  | Total to date |
|--------------------------------|---------------|
| Mersey Forest                  | 16,172        |
| Schools                        | 12,171        |
| Other Community Woodland       | 7,381         |
| Hedgerow                       | 4,685         |
| Urban Tree Challenge Fund      | 1,946         |
| Ground Control                 | 1,520         |
| Garden Waste Subscriber scheme | 1,000         |
| Streets/Parkland               | 466           |
| Free trees initiative          | 136           |
| Orchards                       | 73            |
| Combined Authorities funding   | 9             |

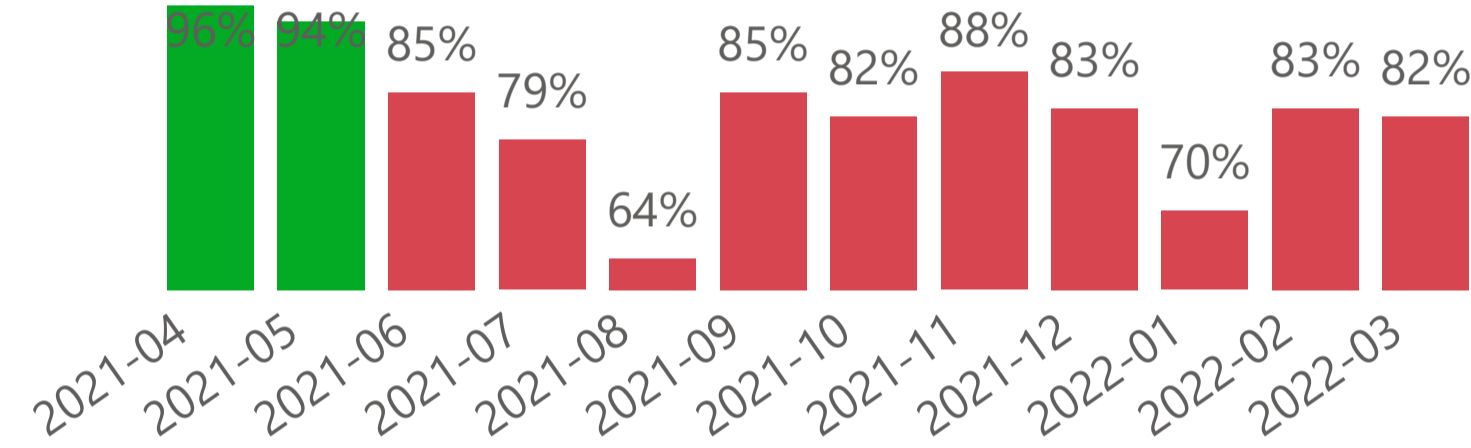
Provide response to emergency call outs within one hour

**100%**  
Target: 100%



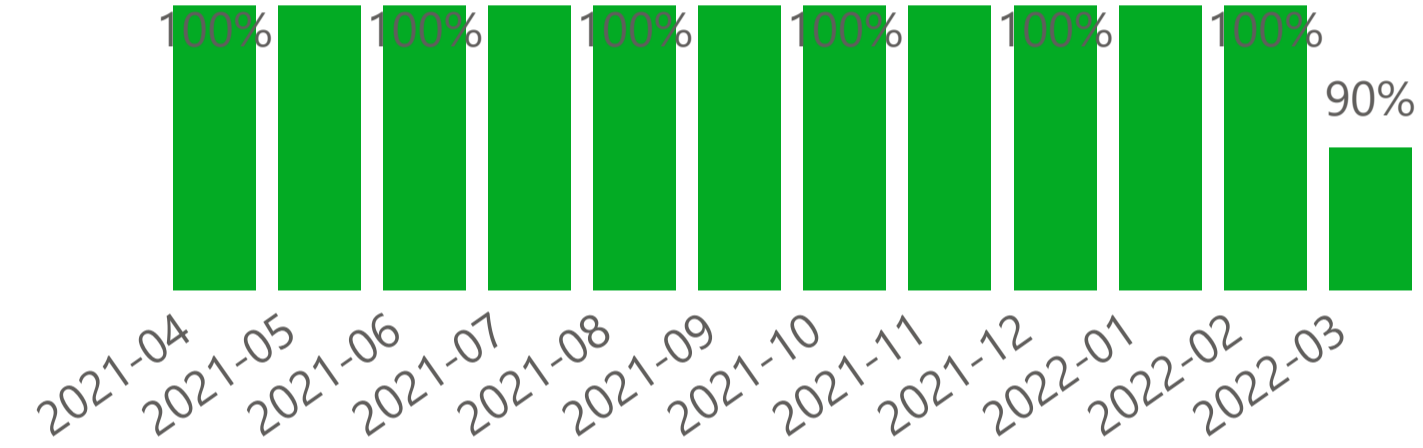
Carry out tree works in specified time frame (1 hour, 24 hours, 4 weeks, 12 weeks)

**82%**  
Target: 90%



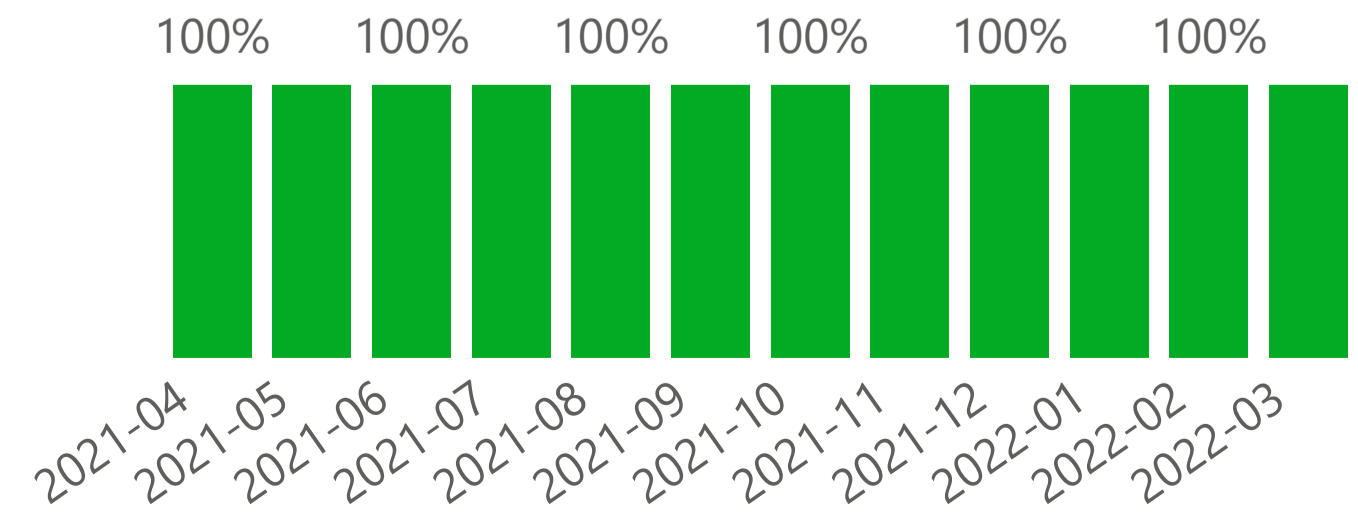
Provide quotations within 10 working days of request

**90%**  
Target: 90%



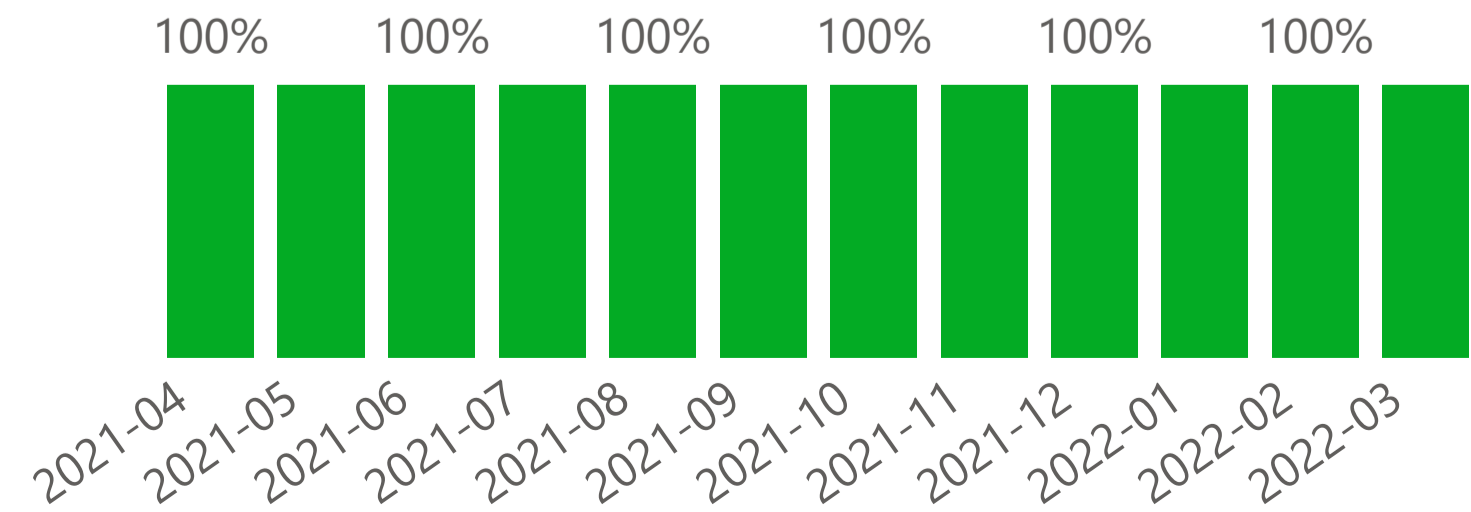
Provide details of any accidents or near misses within 3 hours

**100%**  
Target: 100%



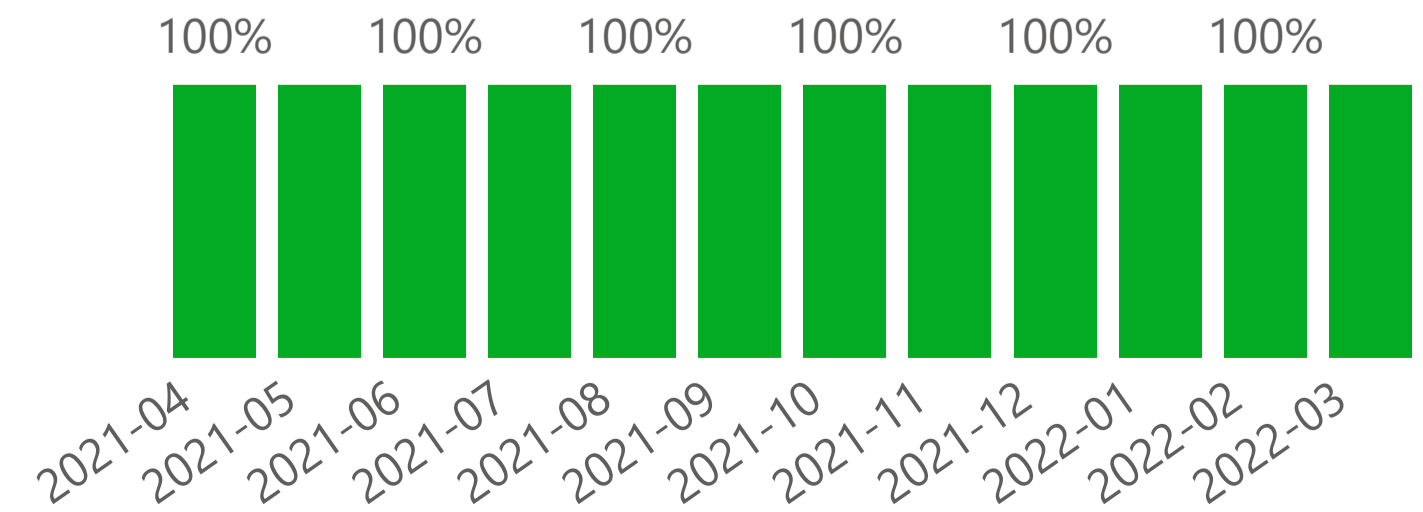
Provide written response to a complaint or FOI submitted to council in 3 working days

**100%**  
Target: 90%



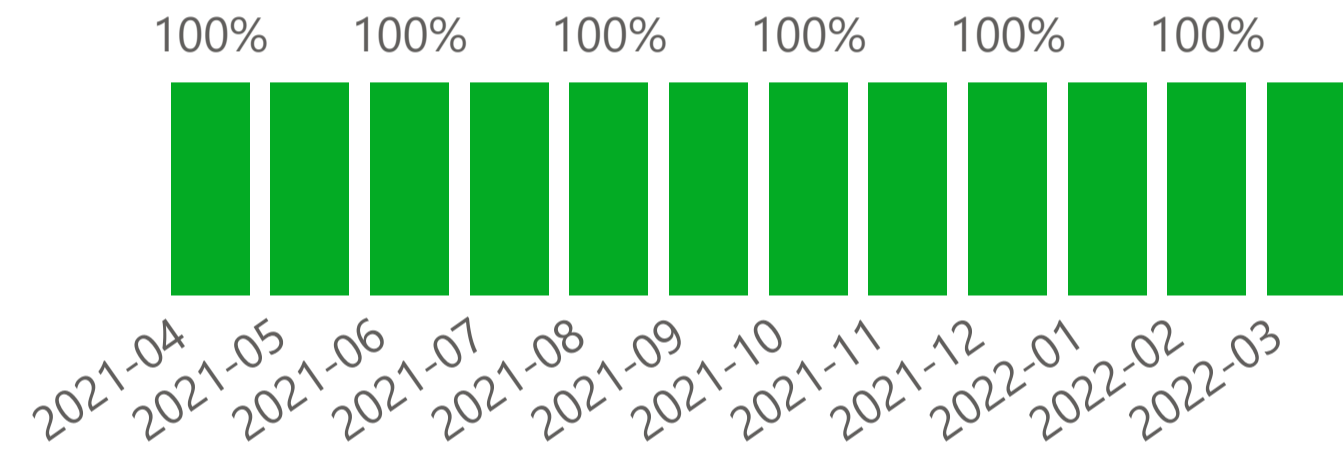
Invoice within one month days of completion of batch / site

**100%**  
Target: 90%



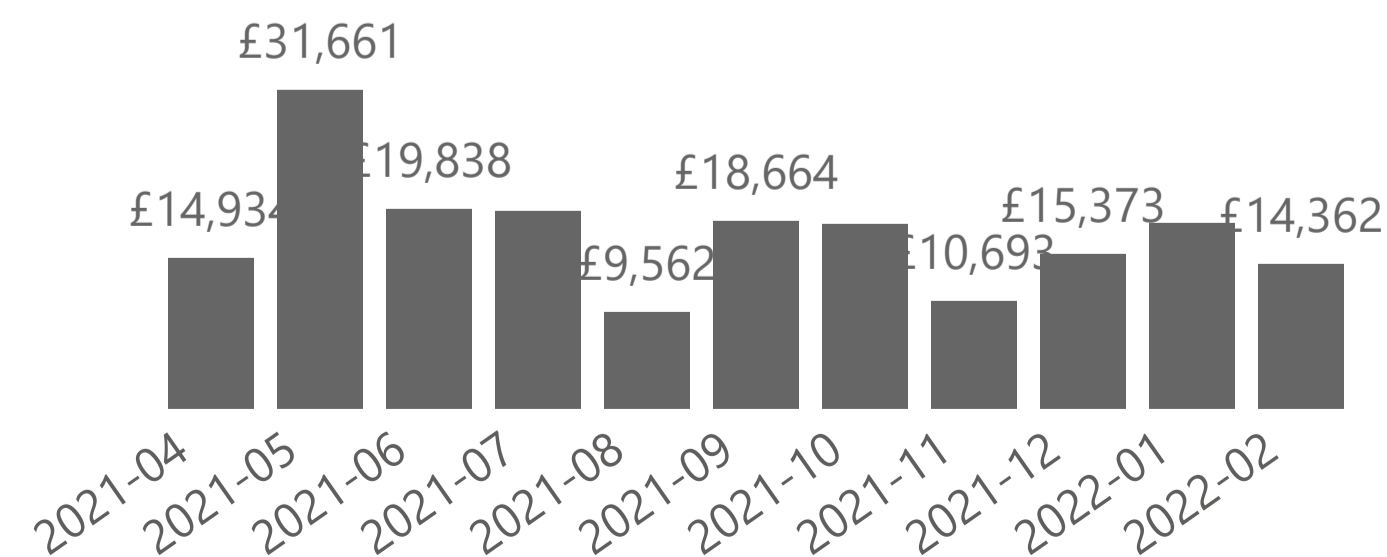
Provide written prior notification to properties immediately adjacent to trees inc. cyclical pollarding regime at least 2 weeks before works commences

**100%**  
Target: 90%



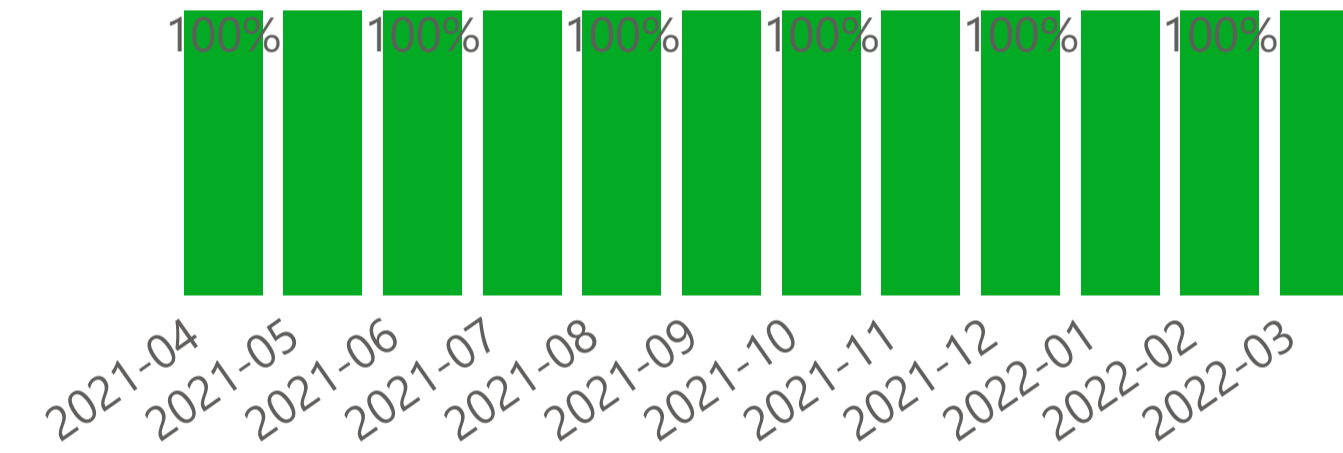
Parks Spend

**£191,557**



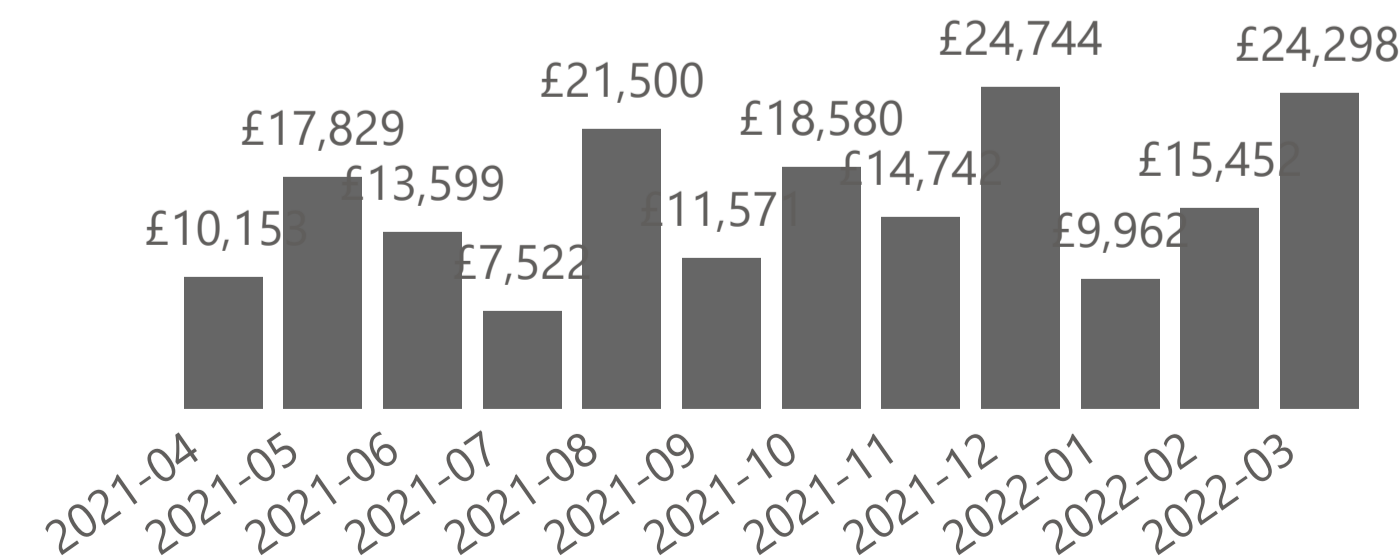
One unannounced safety visit to site per week to check compliance safety procedure

**100%**  
Target: 90%



Highways Spend

**£189,952**



No. of post completion inspections carried out

**10**



No. of defects picked up

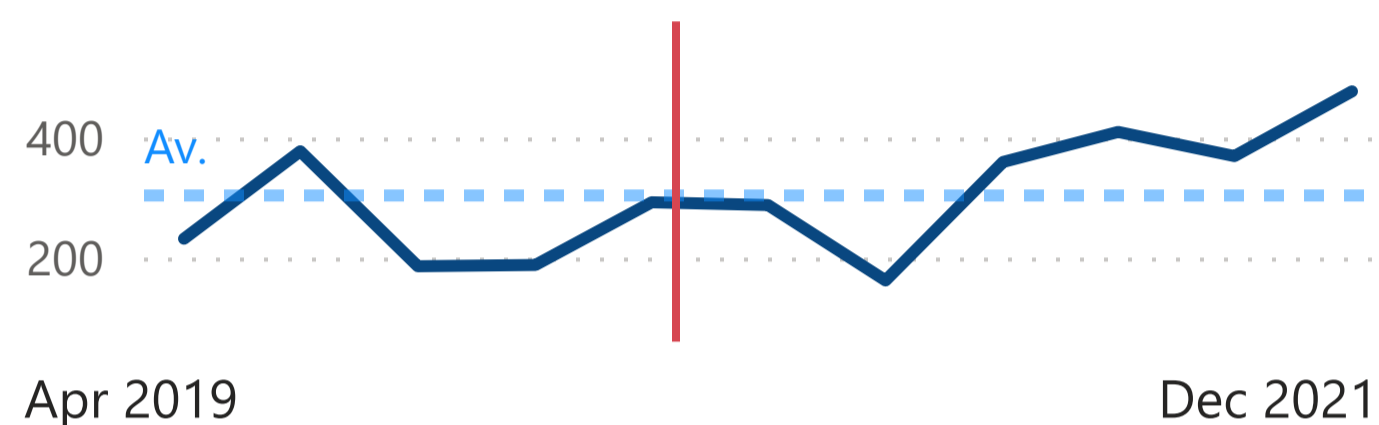
**1**



### Fly-tipping (t) 2021-22

**1,255**

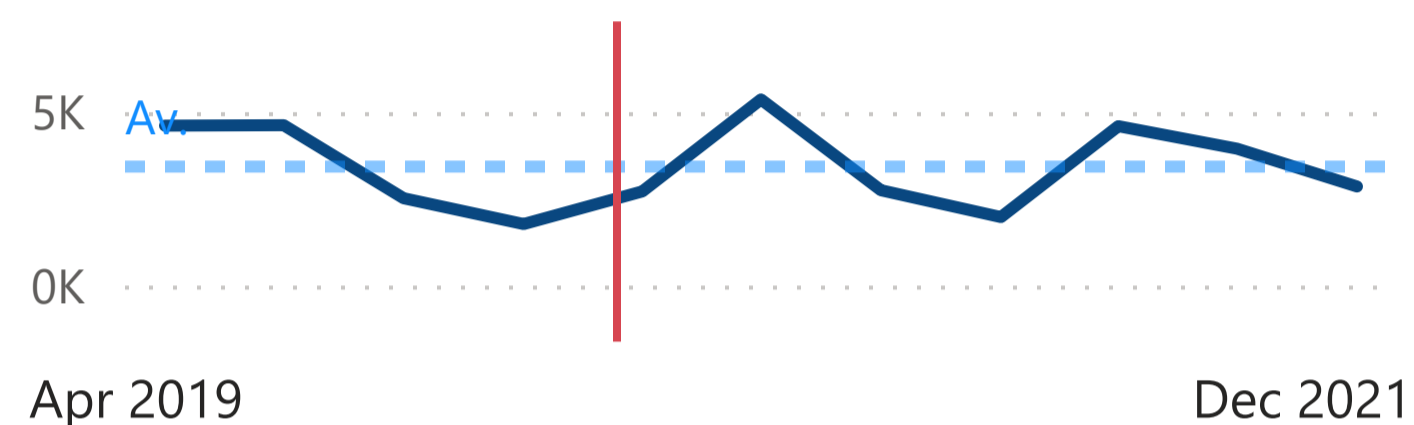
2020-21: 742 (+69%)



### Garden Waste (t) 2021-22

**11,403**

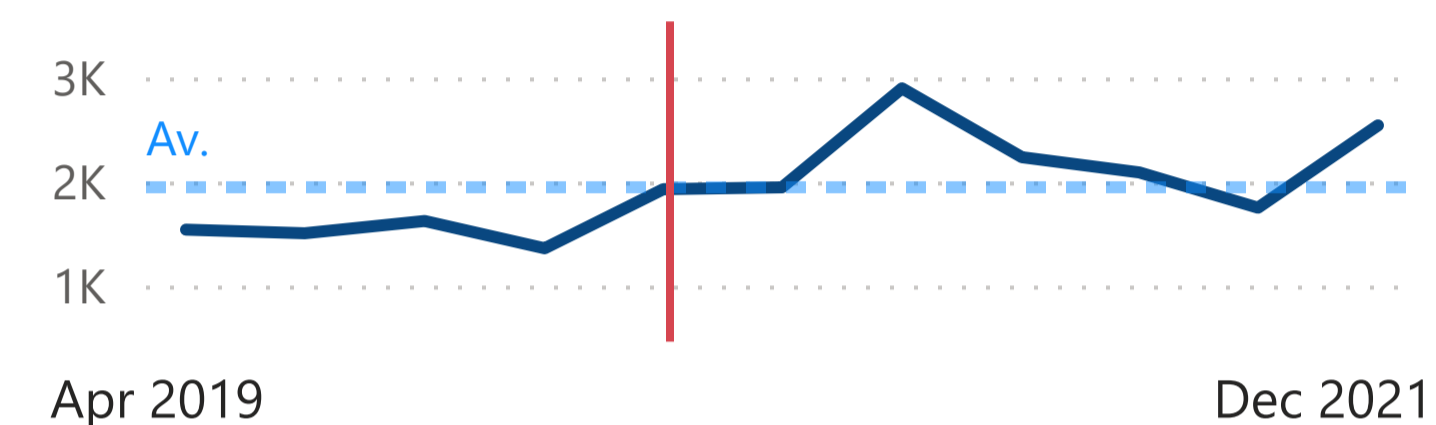
2020-21: 10,833 (+5%)



### Street Cleansing (t) 2021-22

**6,377**

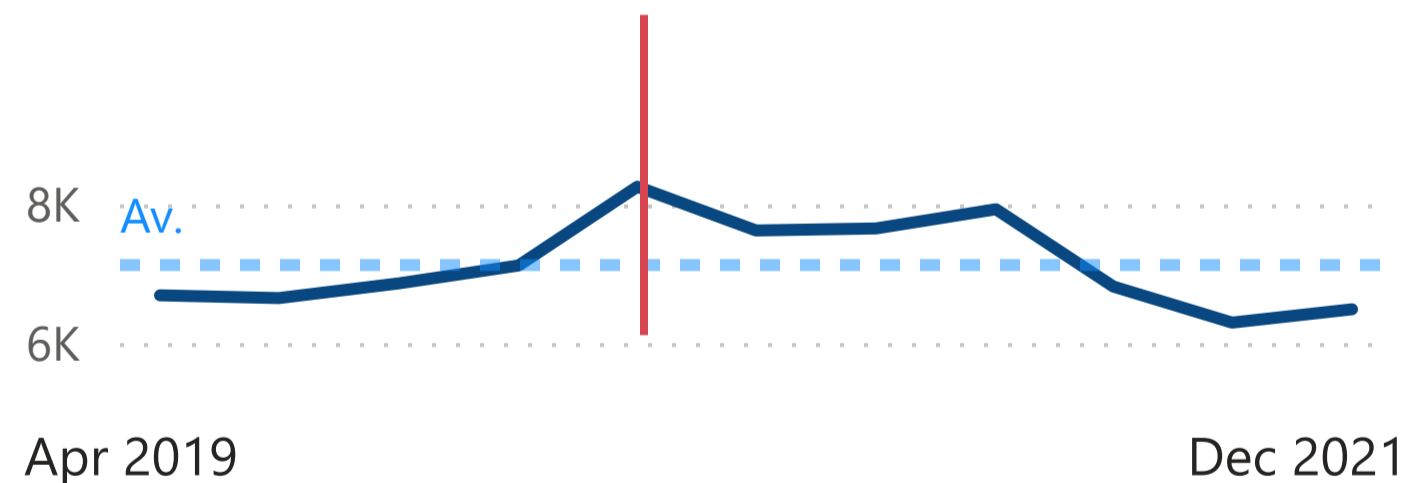
2020-21: 6,767 (-6%)



### Recycling (t) 2021-22

**19,599**

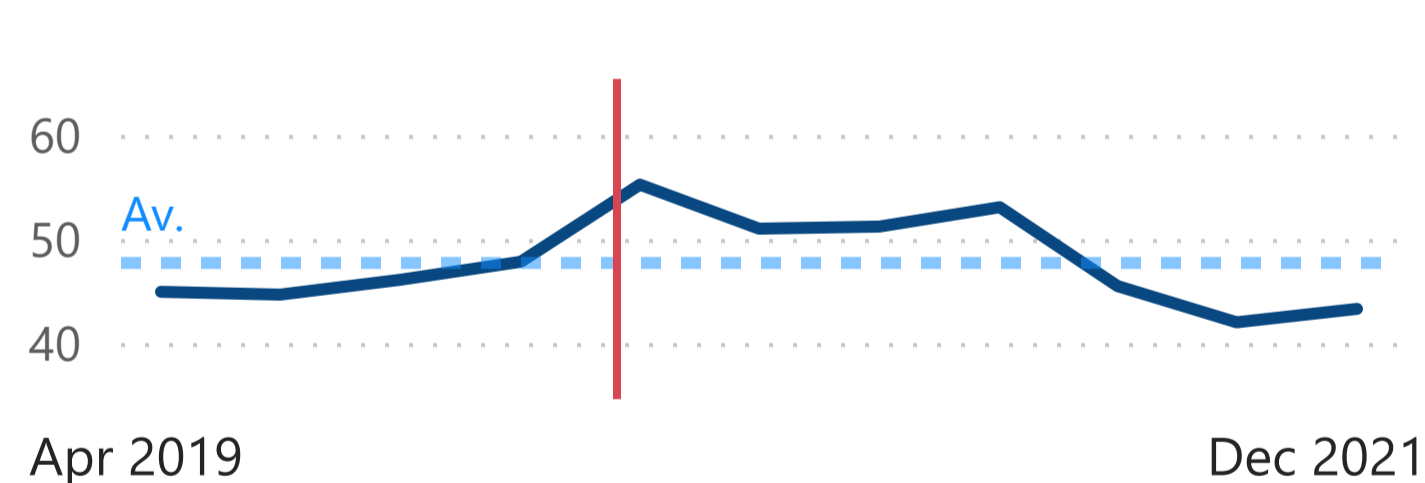
2020-21: 23,531 (-17%)



### Recycling KG per h./hold 2021-22

**131**

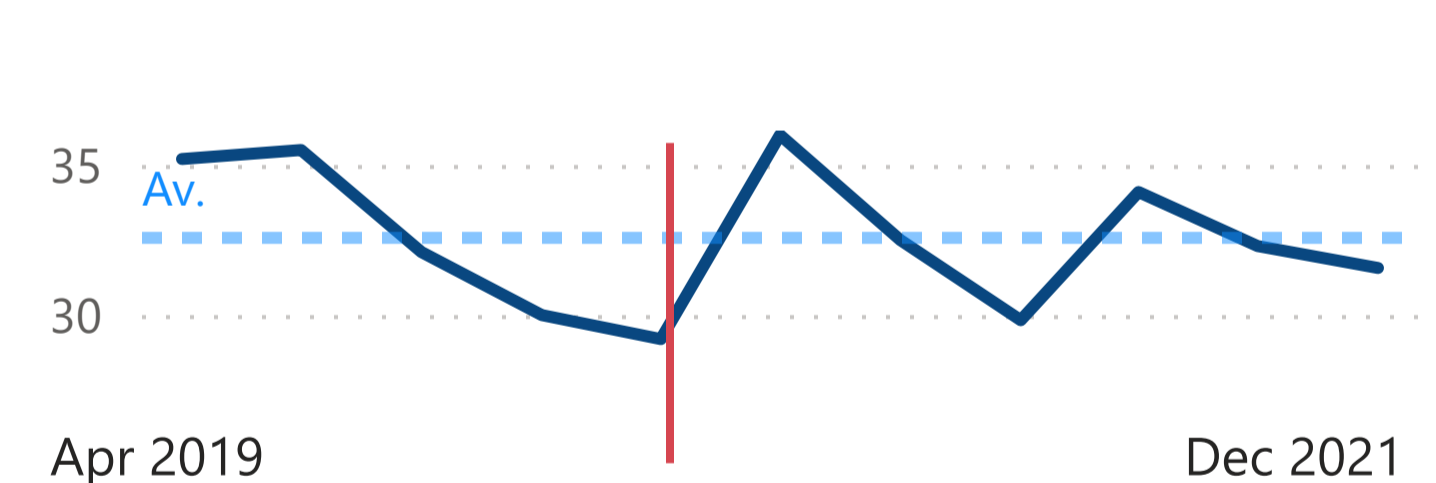
2020-21: 157 (-17%)



### Recycling Rate Q1 (Apr-Jun 2021)

**31.6%**

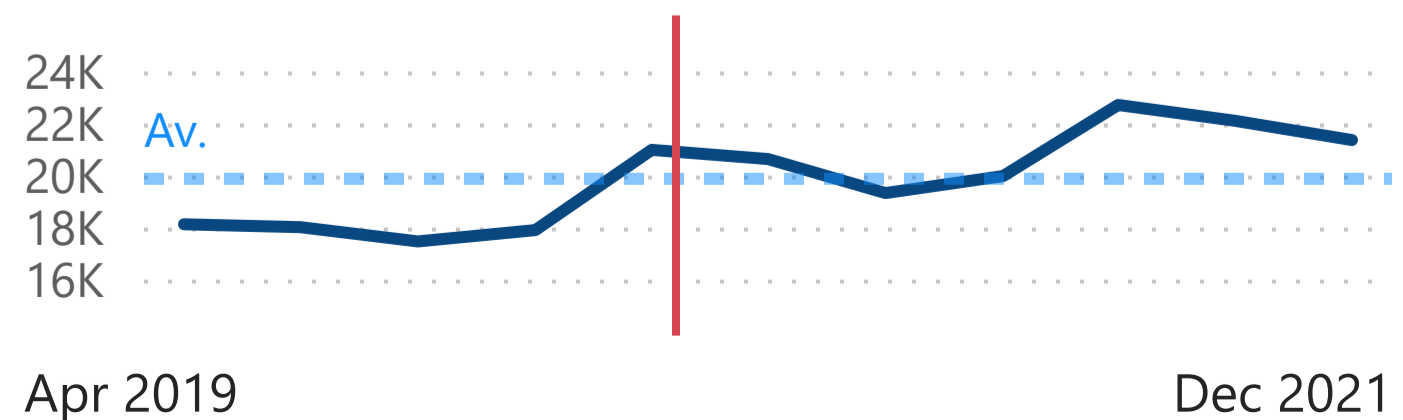
Q1 2020-21: 32.5% (-0.9%)



### Refuse (t) 2021-22

**66,182**

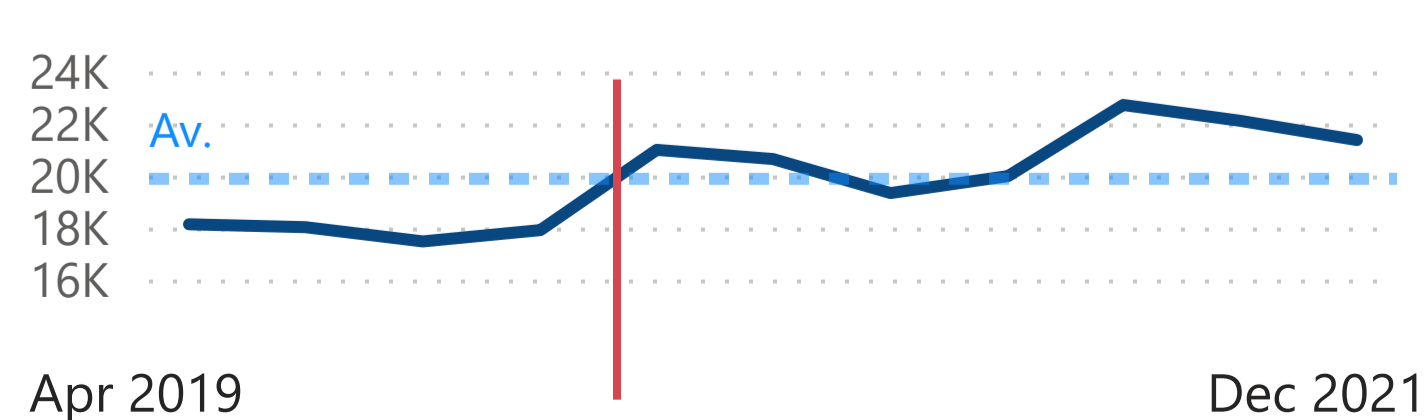
2020-21: 60,945 (+9%)



### Refuse KG per h./hold 2021-22

**447**

2020-21: 408 (+10%)



Red line indicates April 2020 to indicate start of Covid Pandemic

**The LED Street Light Replacement Programme ended December 2021****1,308**

Carbon Reduction (Tonnes)

**10,019**

Total Full Column/Lantern Replaced

**25,037**

Total Lanterns Replaced

**3,117,487**

Energy Savings (kWh)

**9,186**

Full Column/Lantern Replacement Planned

**27,618**

Lanterns Replacement Planned

**60.74%**

Energy Savings (%)

**9.07%**

Difference Replaced to Planned

**-9.35%**

Difference Replaced to Planned

Reduction in energy consumption has been achieved by the installation of modern technology and the implementation of a dimming regime in most cases.

This has allowed the lighting to retain uniformity whilst benefitting from reduced operating costs and environmental impact.

Additional columns were identified for replacement during the contracted work and included as part of the project.

**Note;** many more columns will require replacement over the next 10 years as required and will be programmed accordingly through future replacement schemes pending funding allocation.

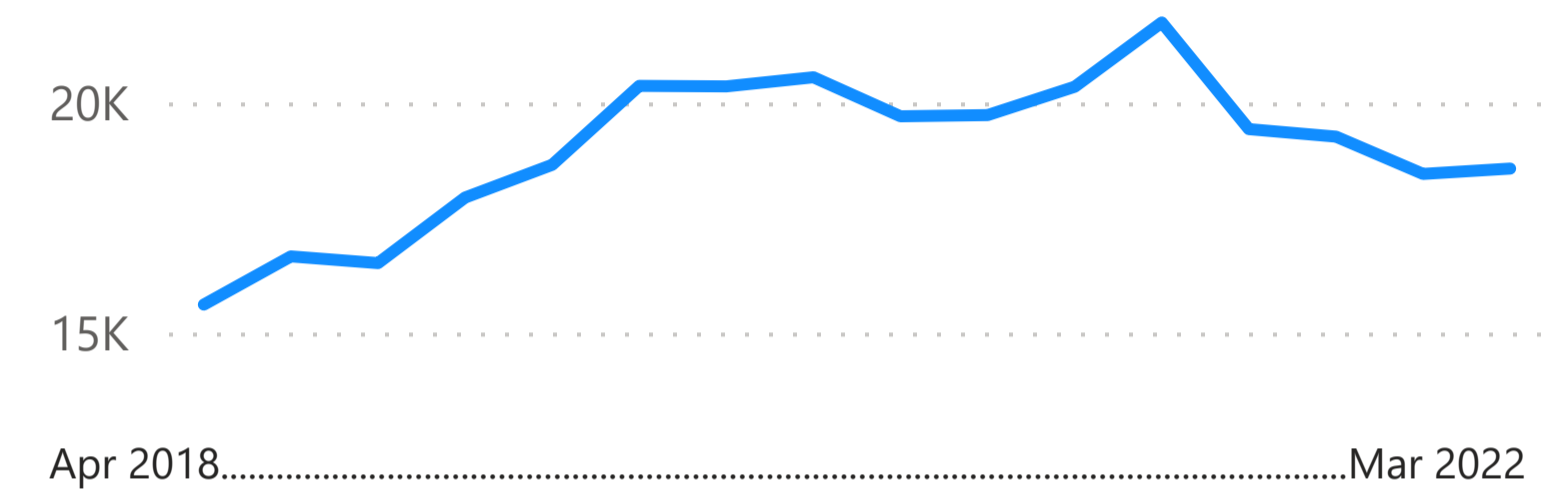
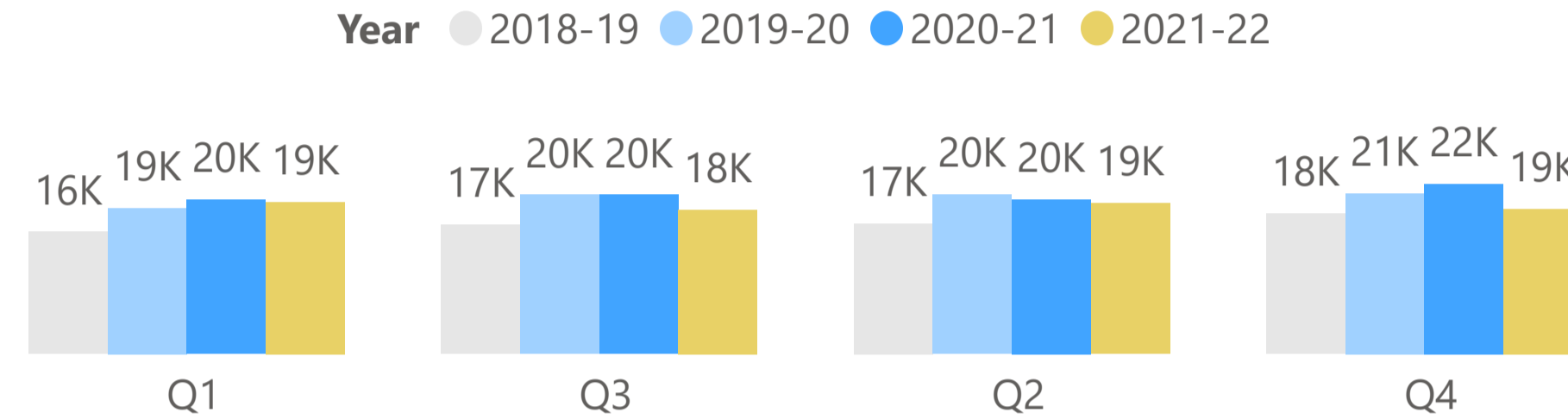
Based solely on the recent LED phase 2 contract, the above figures are correct. A sizeable quantity of lanterns could not be replaced by Enerveo (formally SSE) during the contract period, but were converted as part of the other internal works programmes.

It is worthy of mention that our own internal lighting team replaced in excess of 3,400 lanterns during the same contracted period.

Provide resources which are effective in delivering highway maintenance services

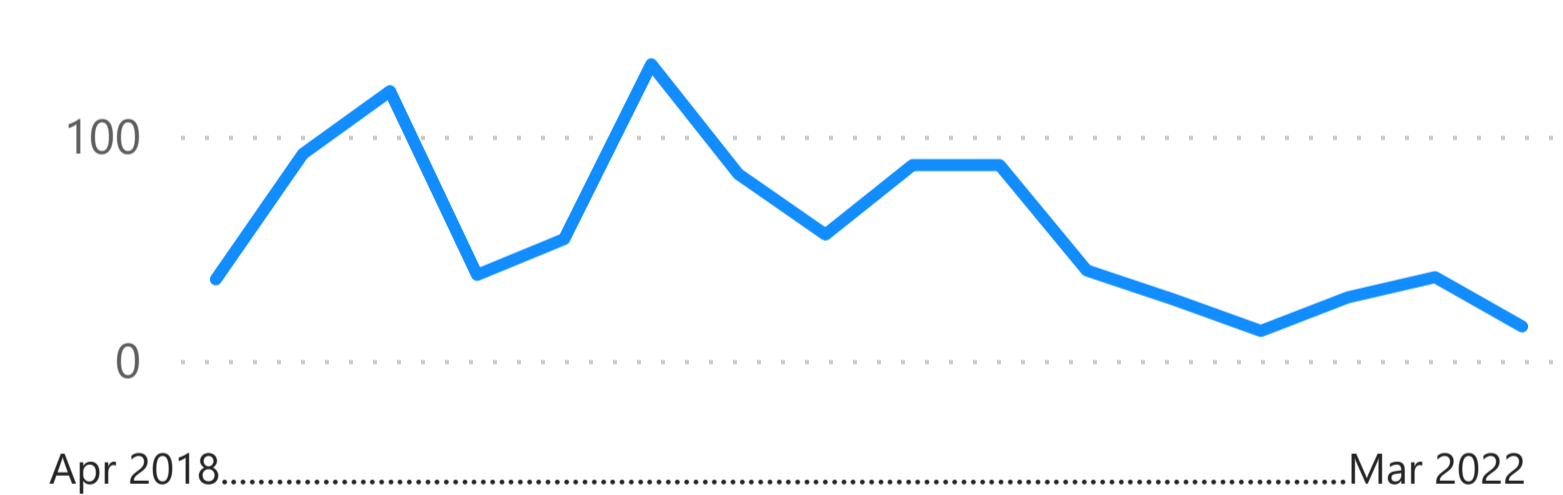
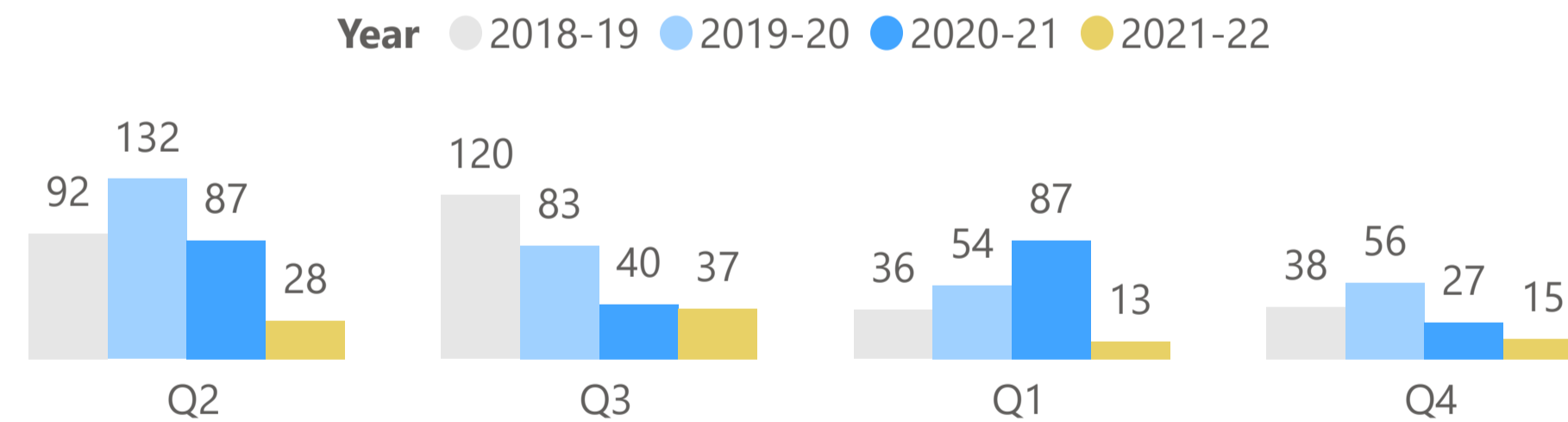
## Number of days overrun of utility street works which are subject to Permitting - Total days occupancy

**18,564**  
Same Qtr Last Year: 21,738 (-14.6%)



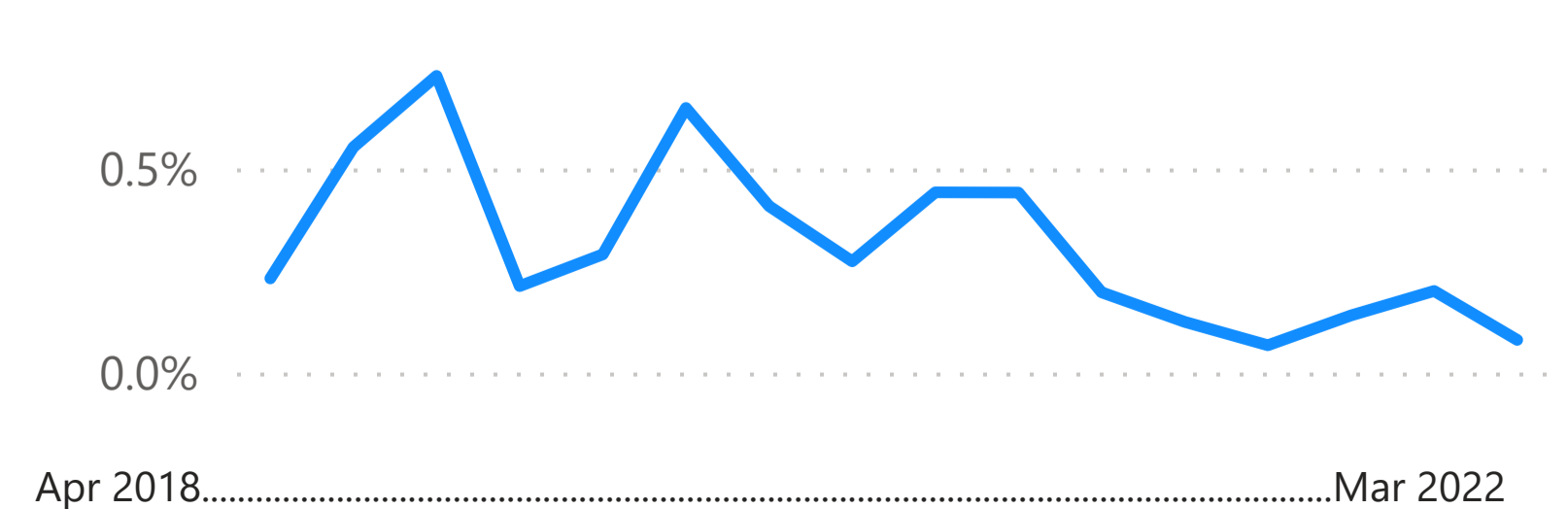
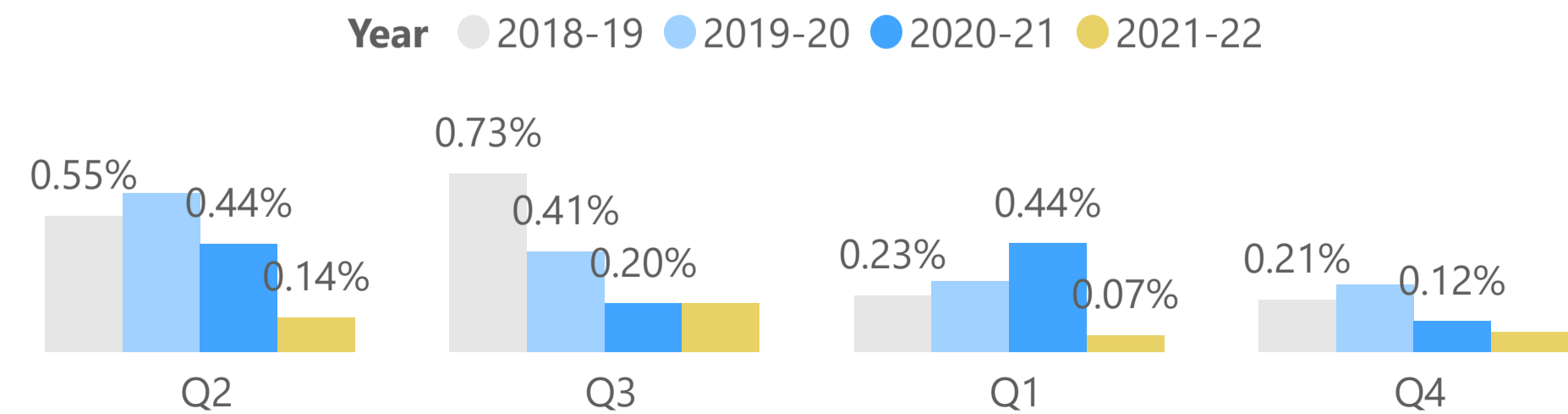
## Number of days overrun of utility street works which are subject to Permitting - Total days overrun

**15**  
Same Qtr Last Year: 27 (-44%)



## % of days overrun of utility street works which are subject to Permitting

**0.08%**  
Same Qtr Last Year: 0.12% (-0.04%)



Excellent =0%, Good = >0%<5%, Acceptable >5%<10%

## Streetworks Enforcement Income

 Fixed Penalty Notice (FPN)  
Income

**£46,460**

2021-22 FPN Income

**£14,360**

2020-21 FPN Income

**224%**

FPN Income Increase

If a utility works without a valid Permit, or breaches any of the agreed 'Conditions' on a granted Permit / 'rules' of the Permit Scheme, then they may have committed a statutory offence, but may discharge their legal liability, by the payment of an FPN

Defect Inspection Fees

**£15,559**

2021-22 Defect Fees

**£10,007**

2020-21 Defect Fees

**55%**

Defect fees increase

For any defects identified, the Council can carry out further inspections (i.e. Defect Inspections) to check the quality of 'remedial works / repairs'

S74 Overrun Charges

**£15,550**

2021-22 Overrun Charge

**£8,800**

2020-21 Overrun Charge

**77%**

Overrun Charge Increase

If a Utility 'overruns' an agreed duration, then they may be subject to s74 'Overrun Charges', depending upon the reasons for the 'overrun'

## Streetworks Service Provision Income

Income from Inspections

**£185,840**

2021-22 Inspections Income

**£147,600**

2020-21 Inspections Income

**26%**

Inspections Income

Each year, the Council undertakes an agreed number of random inspections on Utility Works to check performance and compliance etc. These inspections are chargeable, irrespective whether they Pass / Fail

Permit Fee Income

**£546,375**

2021-22 Permit Income

**£631,962**

2020-21 Permit Income

**-14%**

Permit Income

Fees for the processing & approval of Permit applications to 'book road space'

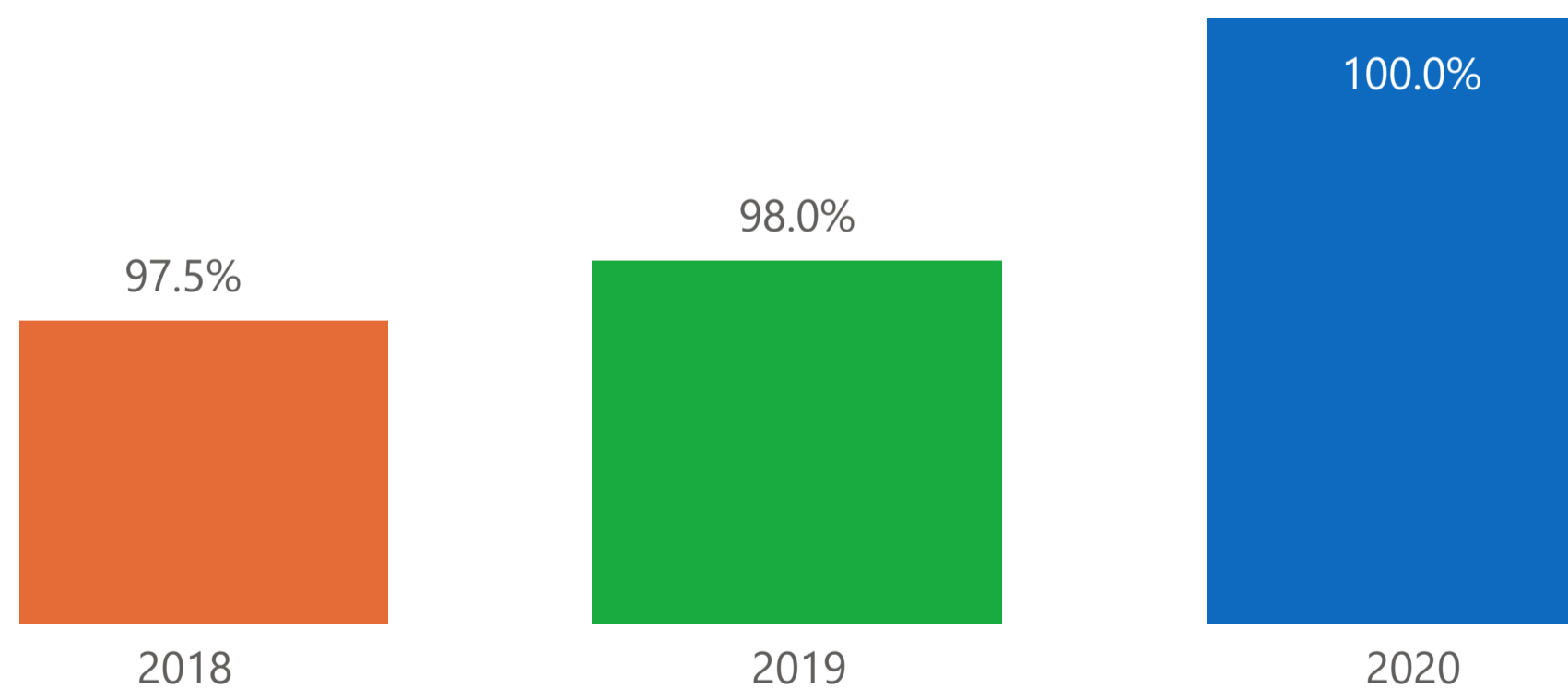


Barcharts colours compare each year to target (Blue: Excellent, Green: Good, Amber: Acceptable, Red: Poor)

## Reducing legal exposure and liability for Insurance Claims

Road Safety - Claims repudiated

100.0%

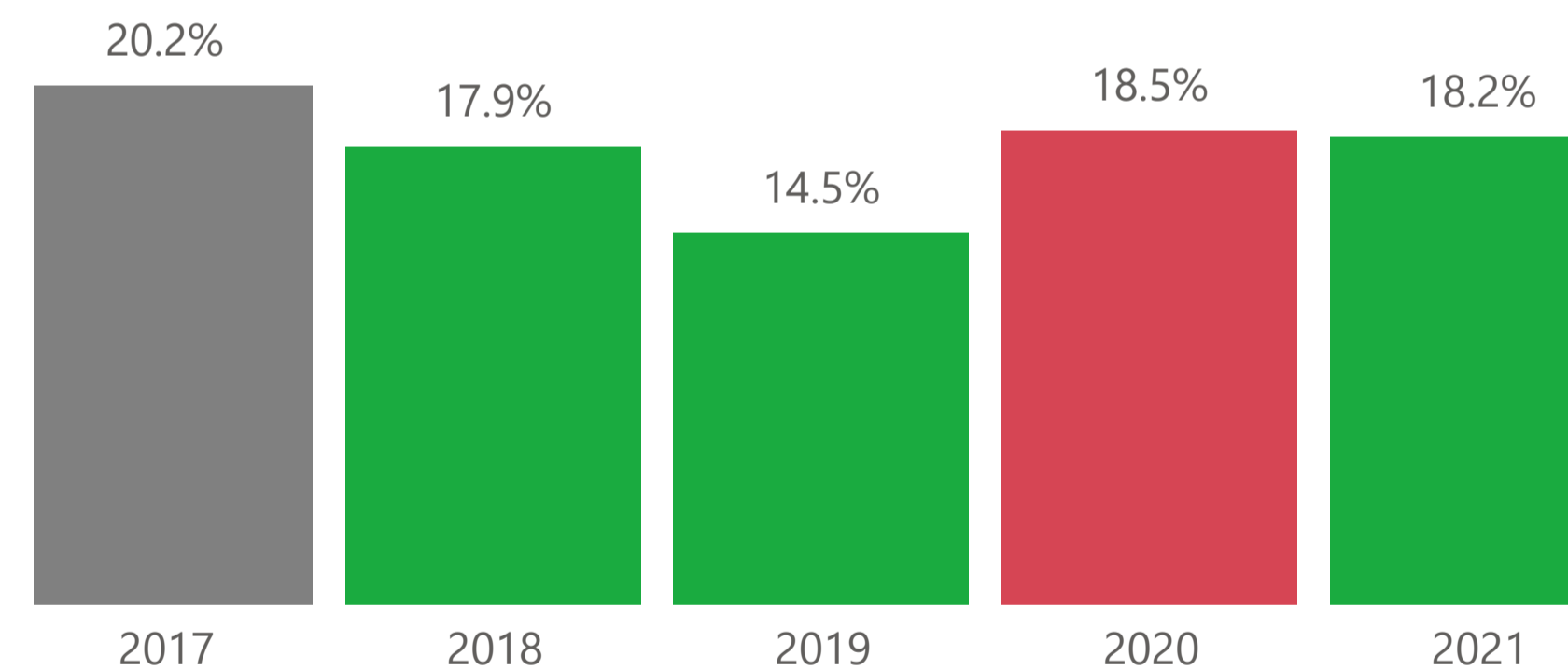


Excellent >98%, Good >=96%<=98%, Acceptable >98%<90%

## % of road casualties that resulted in serious or fatal injuries (KSI's)

Road Safety - % Casualties KSIs

18.2%



Excellent <1%, Good = Reducing, Acceptable = same as previous year

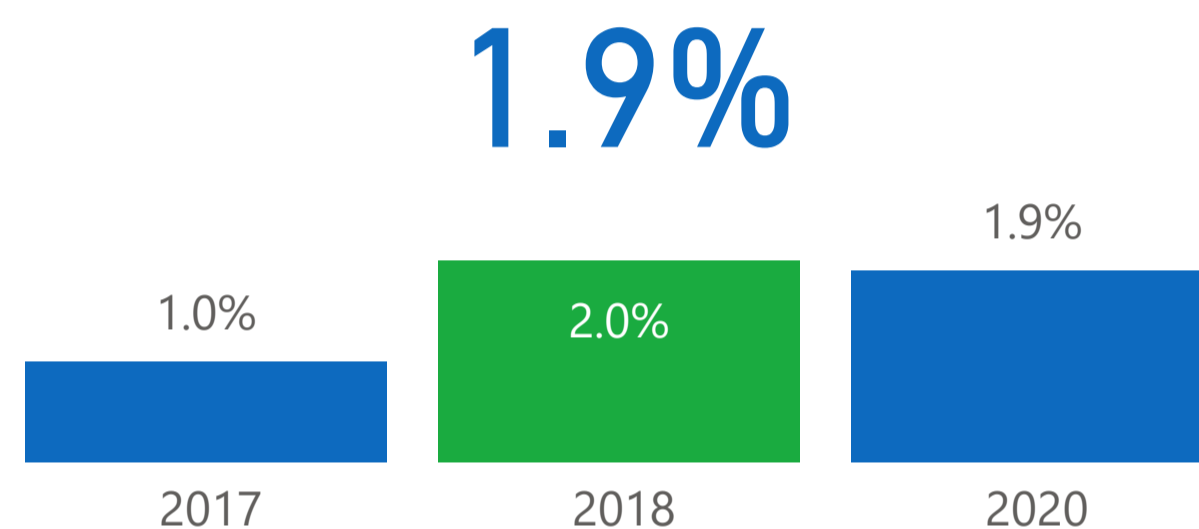
# Highways Condition of Council's highways using evidence-based process

Barcharts colours compare each year to target (Blue: Excellent, Green: Good, Amber: Acceptable, Red: Poor)

Invest in improvements in the condition of Wirral Council's highways using a robust evidence-based process

Use condition data to manage planning and delivery of long term works programmes in line with the Asset Management Strategy

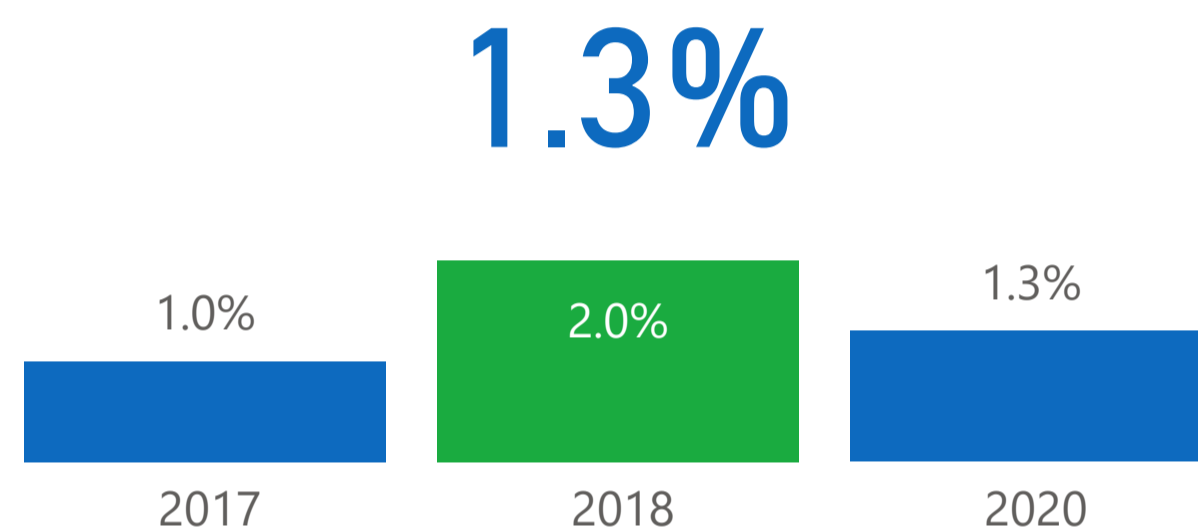
## A Roads in poor condition



\*Excellent <2%, Good >=2% <3%, Acceptable >=3% <4% \*targets proposed by Wirral Council HIAM Board

\*Excellent <20%, Good >=20% <30%, Acceptable >=30% <40% \*targets set by LCRCA

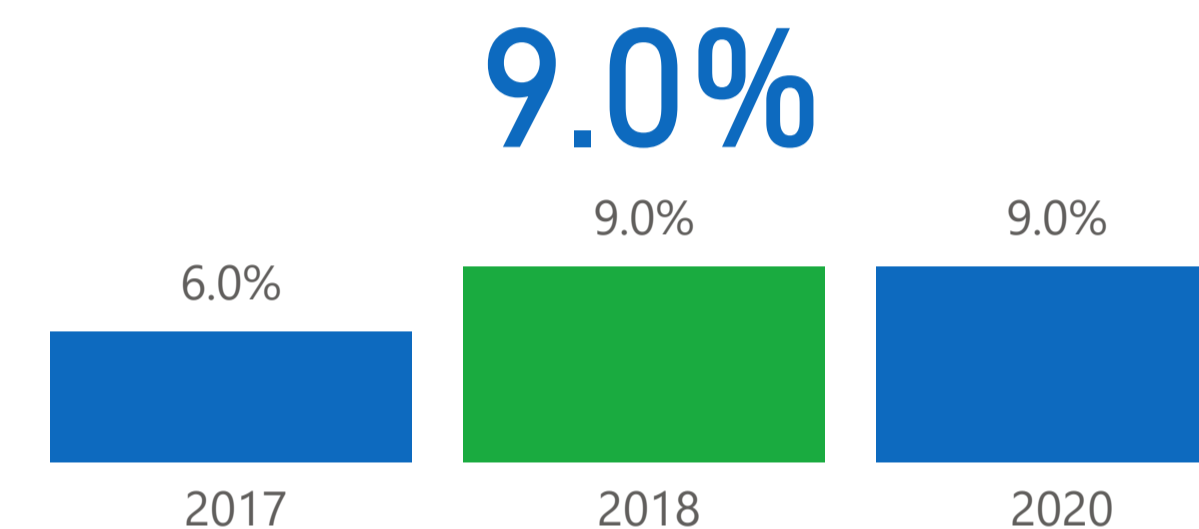
## B & C Roads in poor condition



\*Excellent <2%, Good >=2% <3%, Acceptable >=3% <4% \*targets proposed by Wirral Council HIAM Board

\*Excellent <20%, Good >=20% <30%, Acceptable >=30% <40% \*targets set by LCRCA

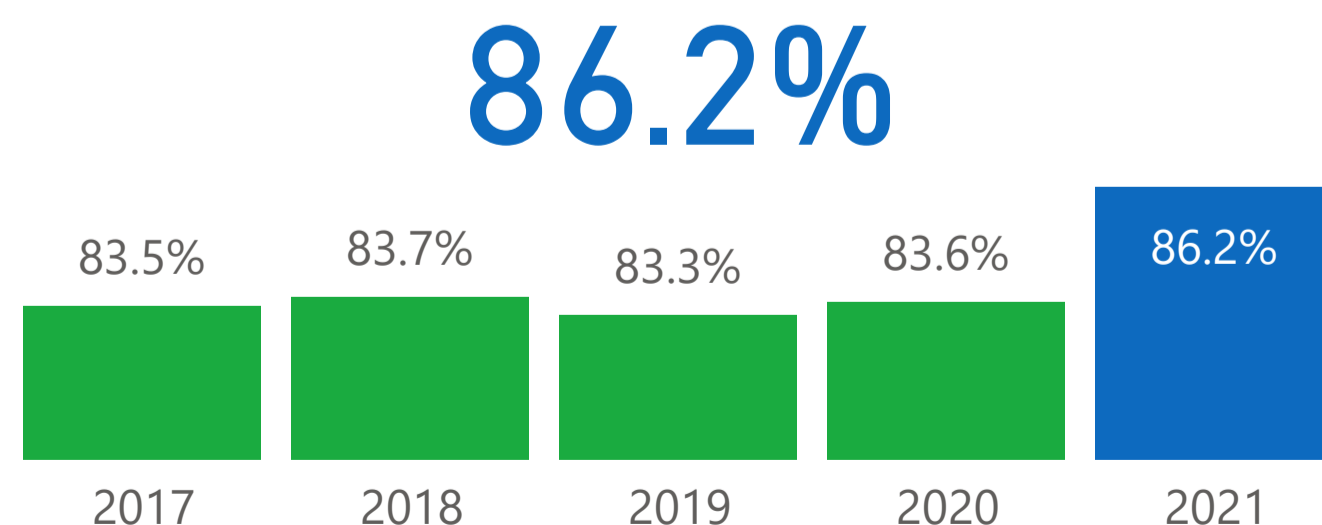
## Unclassified Network in poor condition



\*Excellent <10%, Good >=10% <20%, Acceptable >=20% <30% \*targets proposed by Wirral Council HIAM Board

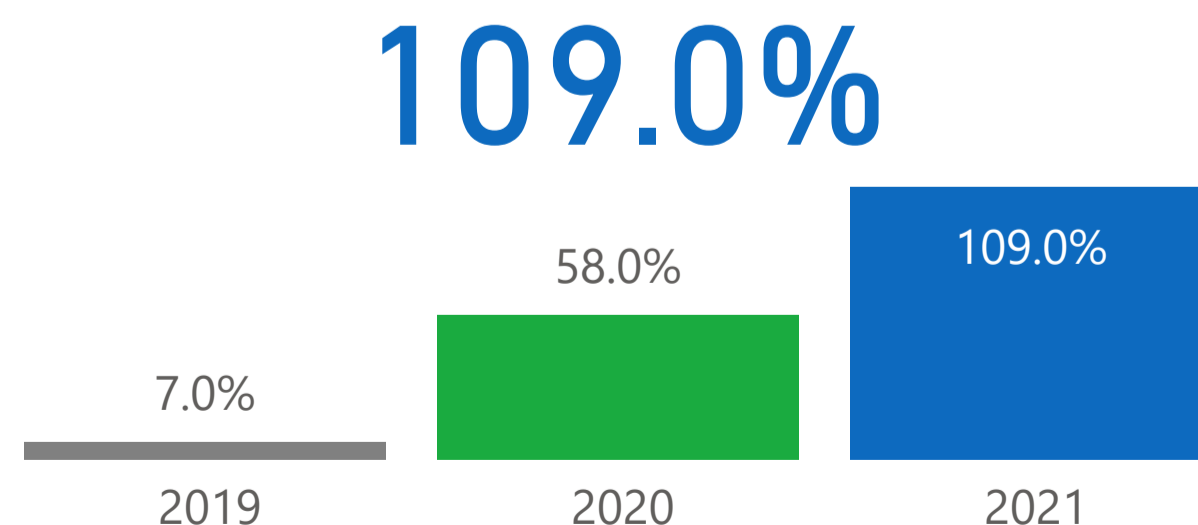
\*Excellent <20%, Good >=20% <30%, Acceptable >=30% <40% \*targets set by LCRCA

## Condition bridges/structures



Excellent >=90%, Good <90% >=80%, Acceptable <80% >=65%

## Street light columns replaced in programme



Excellent >50%, Good >=50% <30%, Acceptable >=30% >10%

**LEAD OFFICER IS AWAITING CONFIRMATION OF NATIONAL INDICATORS FOR ROADS CONDITION 2021**

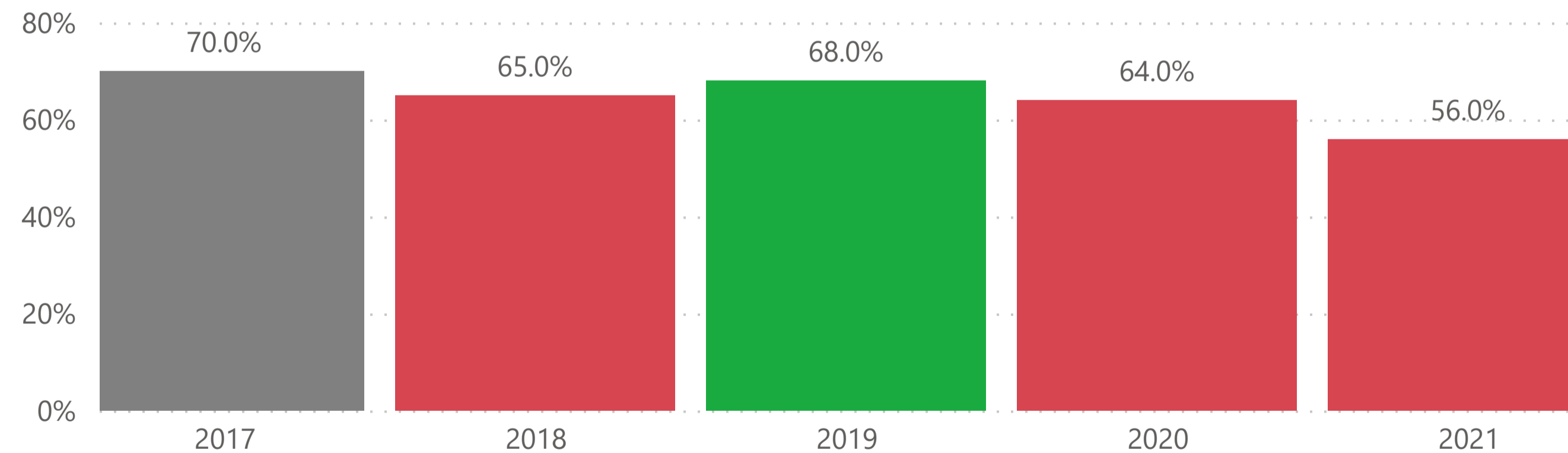
# Highways Strategic Aim - Investment in replacement of aged Traffic Signals will reduce occurrence of faults and help ensure a safe and an accessible highway network

Bar charts colours compare each year to target (Blue: Excellent, Green: Good, Amber: Acceptable, Red: Poor)

Use condition data to manage the planning and delivery of long term works programmes in line with the Asset Management Strategy

**% of traffic signals within their prescribed design life**

**56.0%**



Excellent = Year on year 5% improvement, Good = year on year 1% improvement, Acceptable = Baseline 2017 level

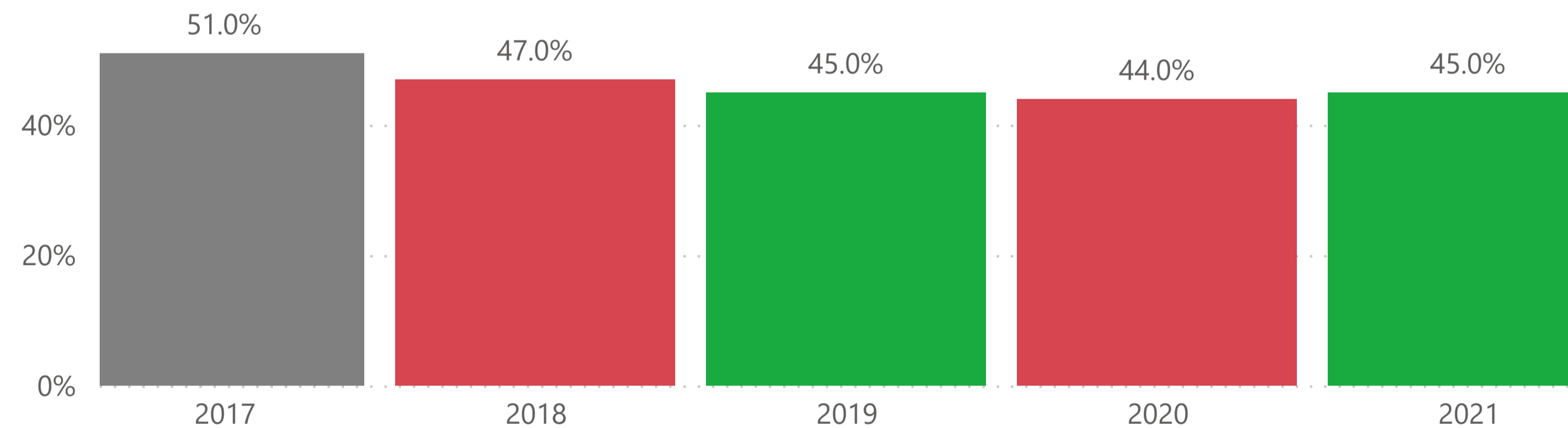
## Highways Strategic Aim - Provide a customer focused service

Barcharts colours compare each year to target (Blue: Excellent, Green: Good, Amber: Acceptable, Red: Poor)

Satisfaction rating based on response public surveys in relation to "highways maintenance"

### Road User Satisfaction - Highway Maintenance

**45.0%**



Excellent >4% national average, Good >=4% national average, Acceptable <=-4% national average

National average = 53% 2017, 51% 2018, 52% 2019, 50% 2020, 45% 2021

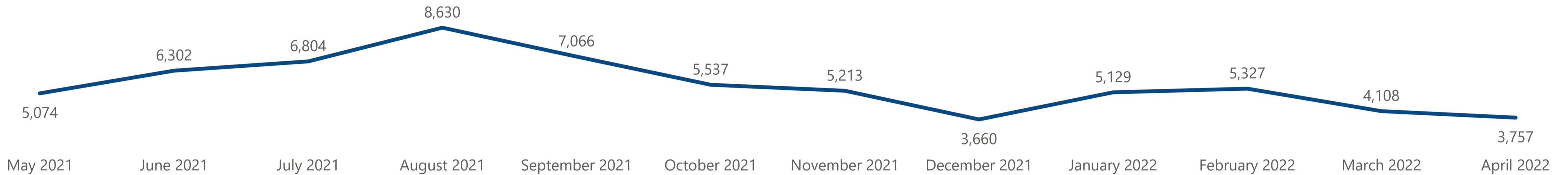
**66,607**  
12 Months Requests

**3,757**  
Current or Selected Month

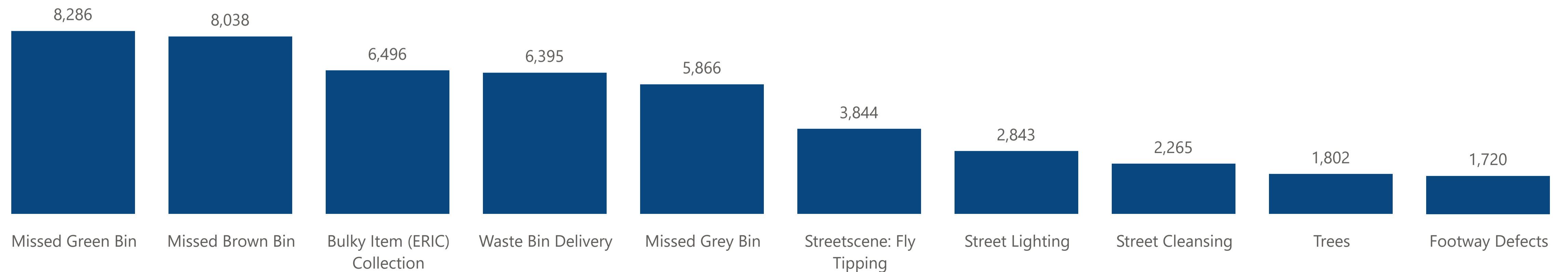
**4,108**  
Previous Month

**-8.5%**  
% Change from last month

Neighbourhoods Service Requests by Date (last 12 months)



Top 10 Neighbourhoods Requests (last 12 months)



**15,842**

12 Months Requests

**974**

Current or Selected Month

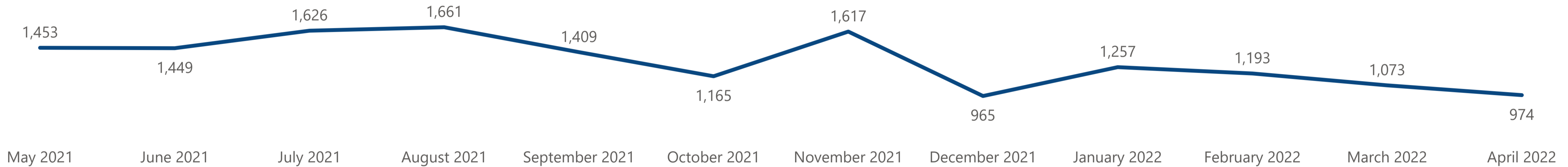
**1,073**

Previous Month

**-9.2%**

% Change from last month

Neighbourhoods Service Requests by Date (last 12 months)



Top 10 Neighbourhoods Requests (last 12 months)

