

# Environment, Climate Emergency and Transport Committee

## Performance Report

20 October 2021

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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**

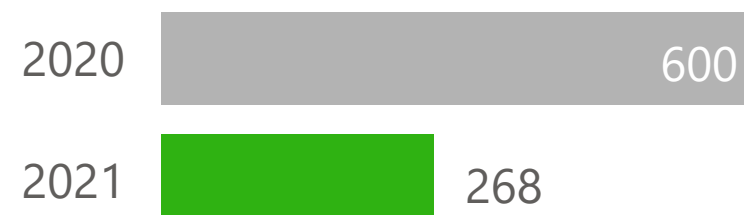
Baseline: 5,995 (-27%)



#### Authority's Fleet

**268**

Baseline: 600 (-55%)



### Scope 2 (energy indirect)

#### Electricity

**4,160**

Baseline: 5,924 (-30%)

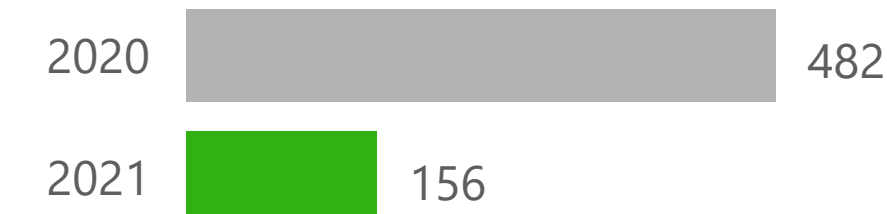


### Scope 3 (other indirect)

#### Staff Travel

**156**

Baseline: 482 (-68%)



#### Transmission & Distribution

**358**

Baseline: 503 (-29%)



#### Water

**115**

Baseline: 152 (-24%)



### All Scopes

#### All Scopes

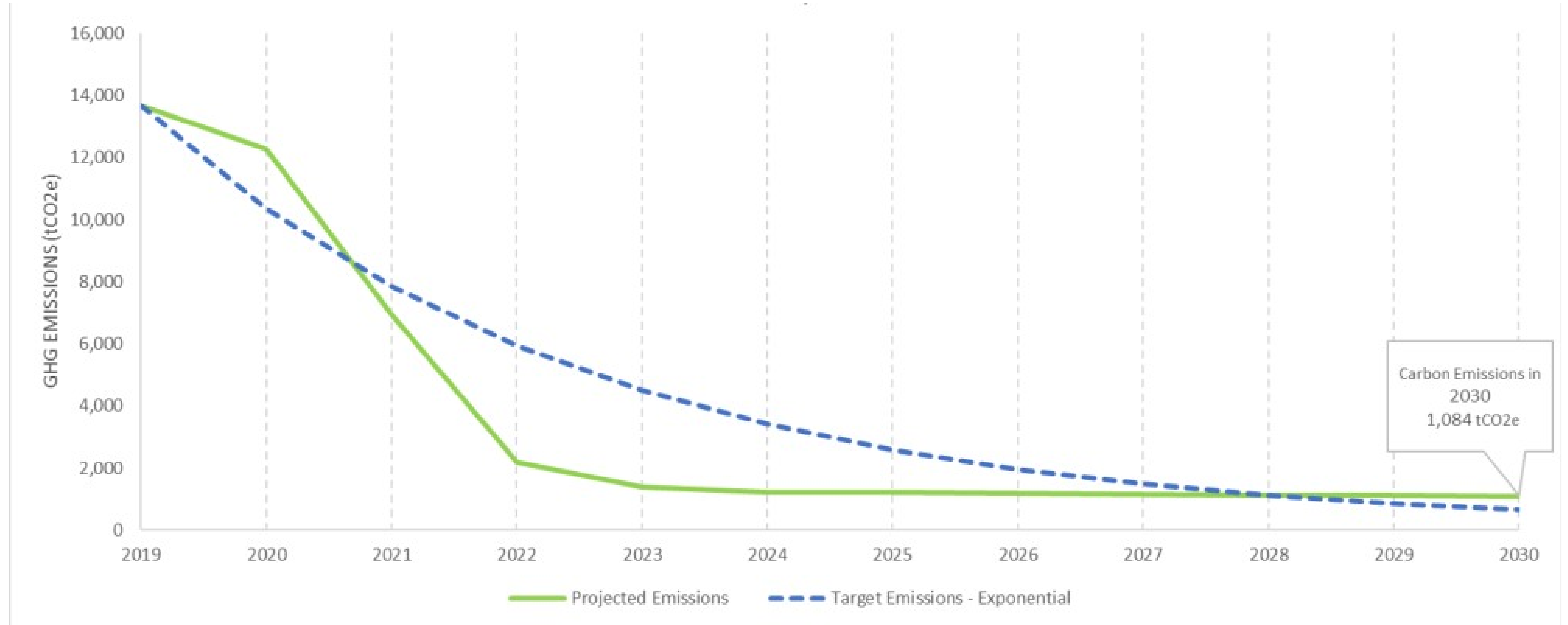
**9,424**

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*



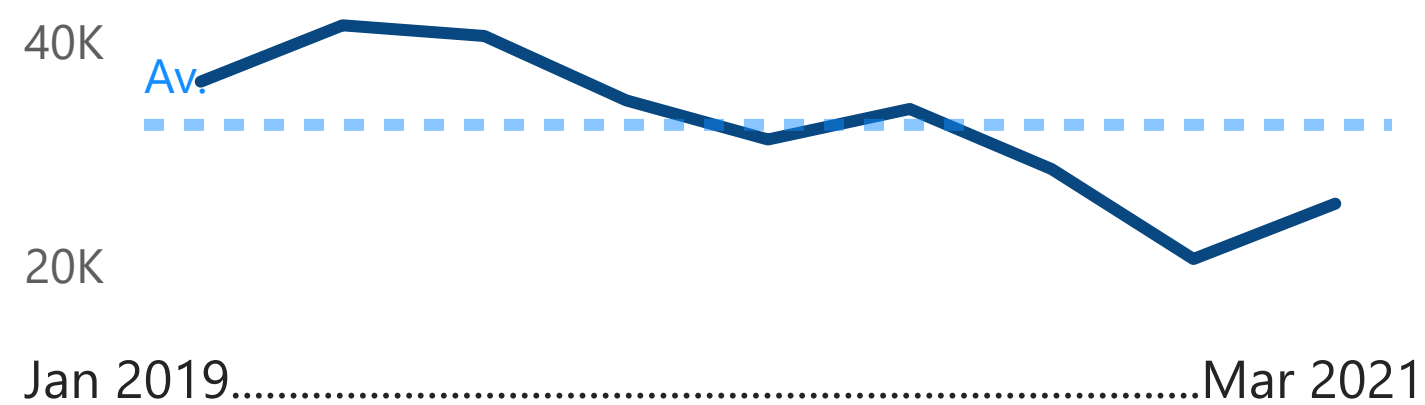
*Work will be undertaken to show the impact on Council's ambition on trajectory to reach net zero emissions by 2030*

## Latest Available Date Q4 (Jan-Mar) 2021

### Water (cubic metres)

**25,564**

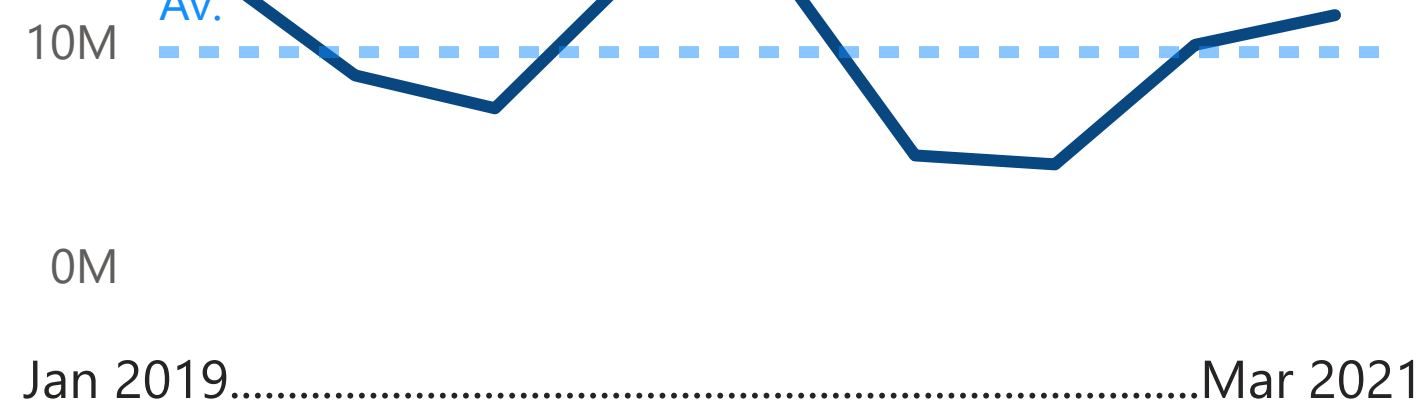
Q4 2019-20: 31,294 (-18%)



### Gas & Electricity (kWh)

**11,198,744**

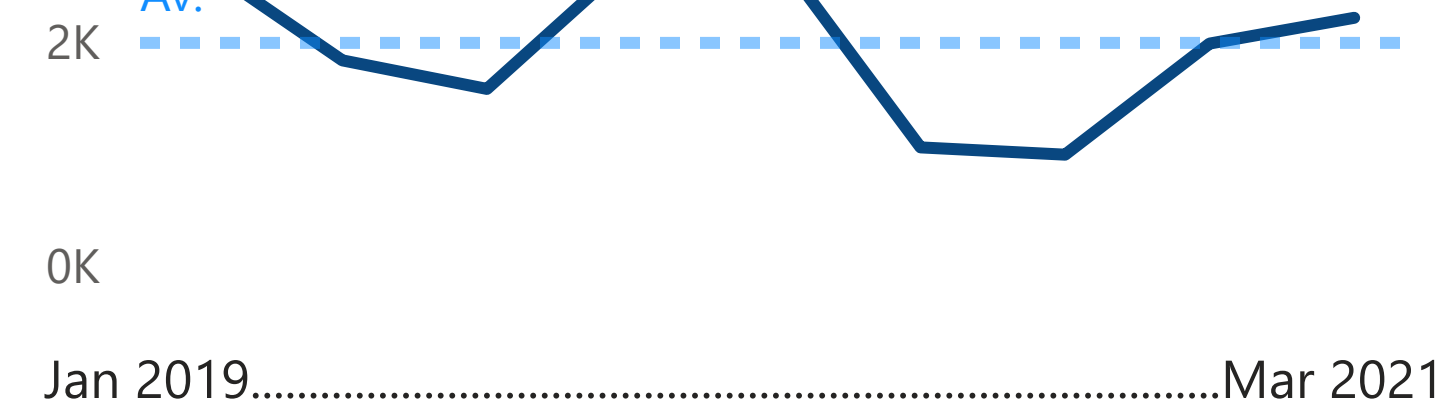
Q4 2019-20: 13,538,478 (-17%)



### Gas, Electricity & Water (Tonnes CO2e)

**2,216**

Q4 2019-20: 2,794 (-21%)

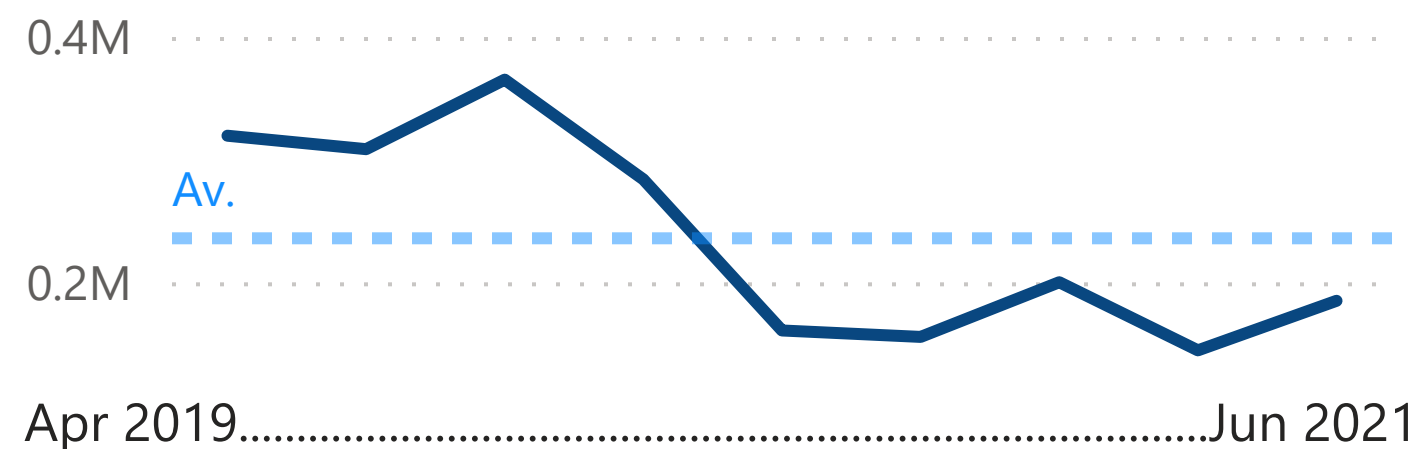


## Latest Date Q1 (Apr-Jun) 2021

### Business Mileage

**184,949**

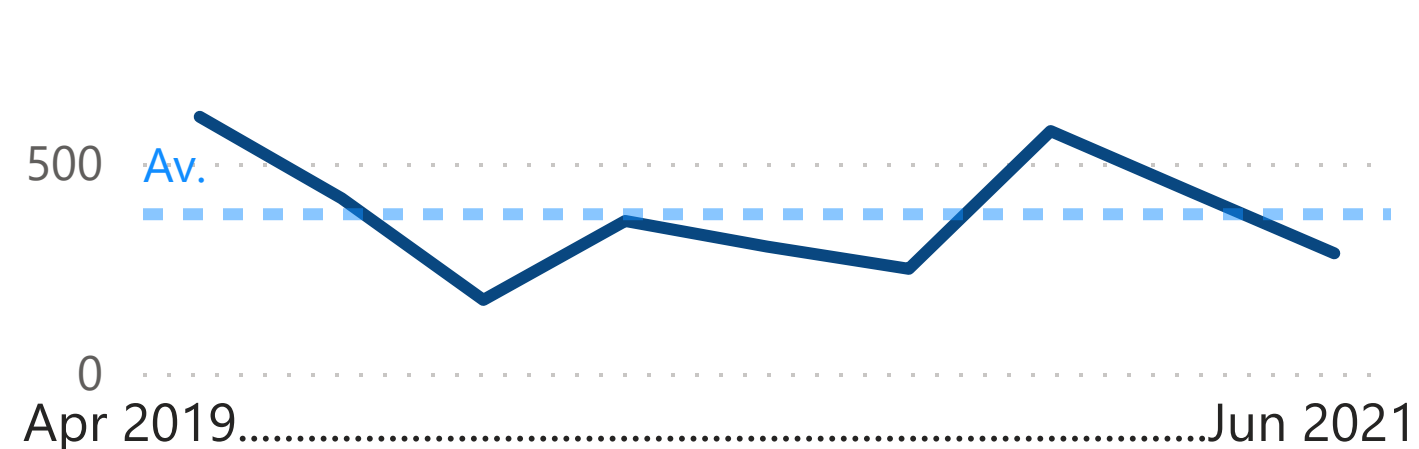
Q1 2020-21: 160,752 (+15%)



### Business Mileage - Schools

**285**

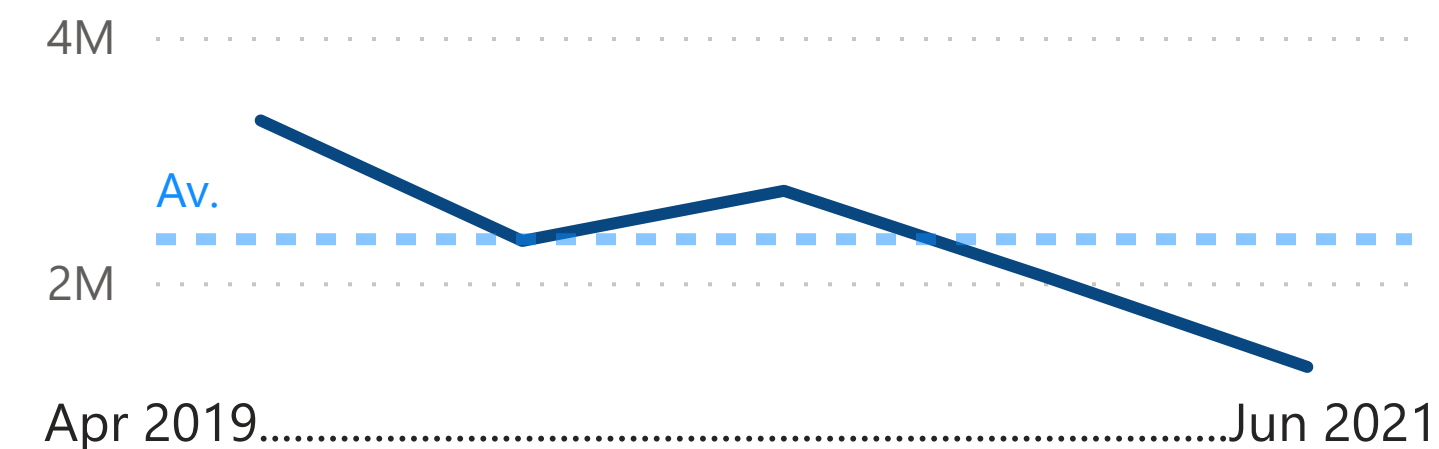
Q1 2020-21: 301 (-5%)



### Fleet Vehicle Mileage

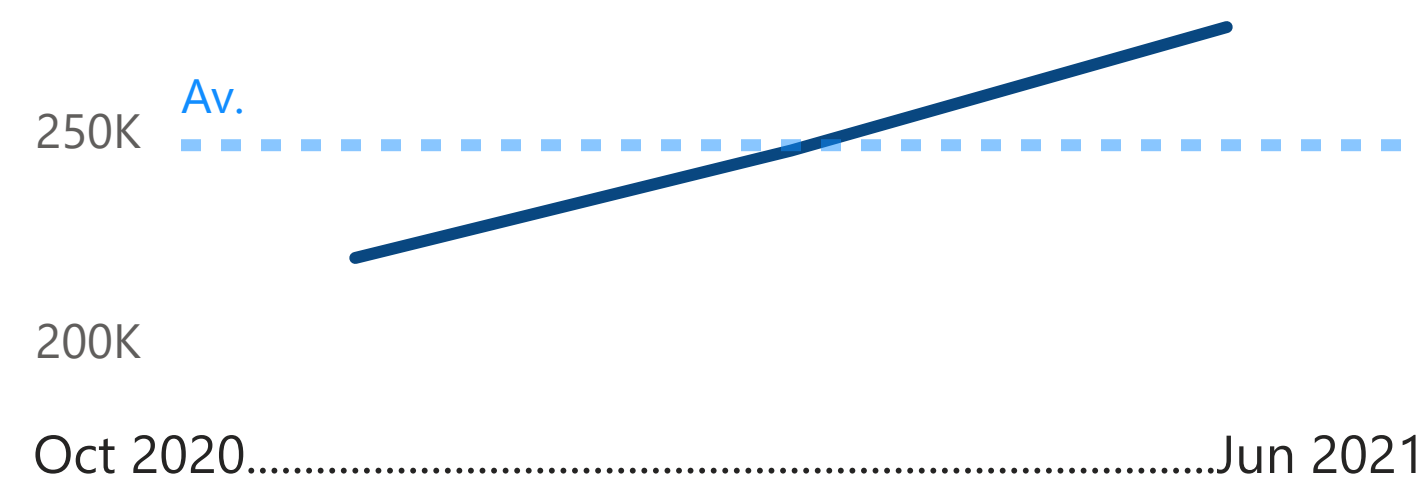
**1,310,278**

Q1 2020-21: 3,319,761 (-61%)

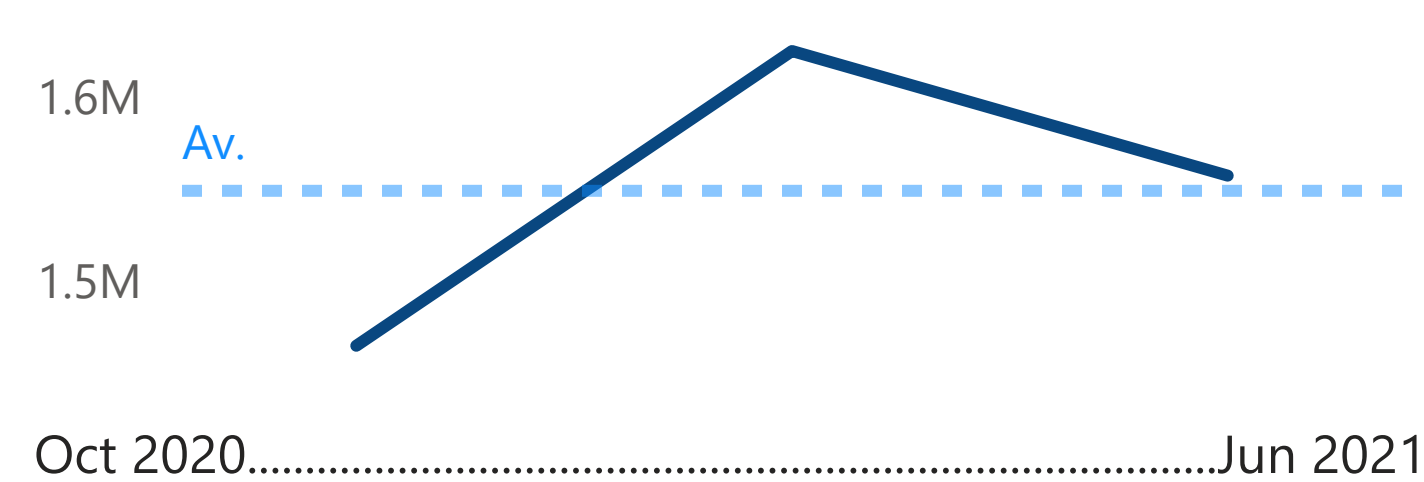


**Latest Date Q1 (Apr-Jun) 2021 ACTIVITY****MS Teams Calls Participation (Activity)****274,740**

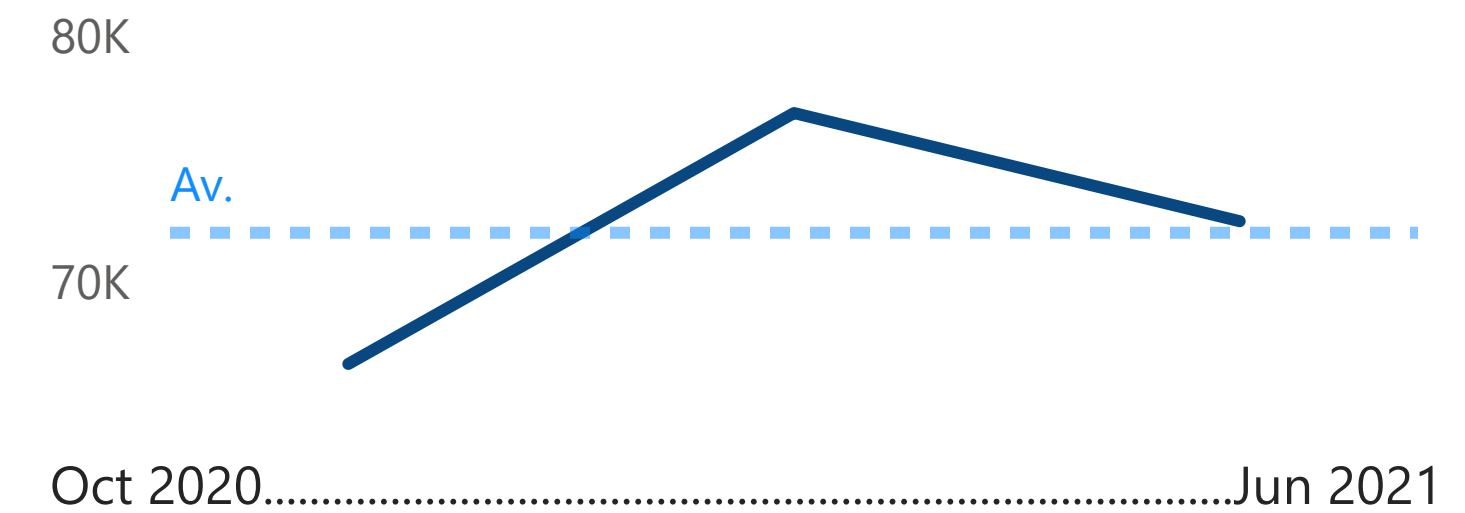
Q4 2020-21: 245,341 (+12%)

**MS Teams Chat Messages (Activity)****1,557,262**

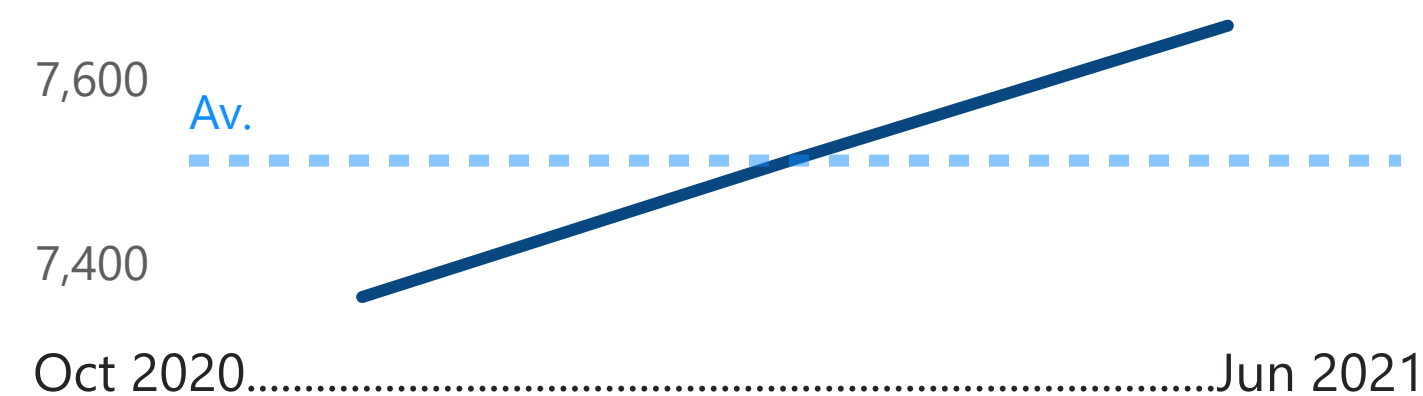
Q4 2020-21: 1,624,991 (-4%)

**MS Teams Meeting Participation (Activity)****72,450**

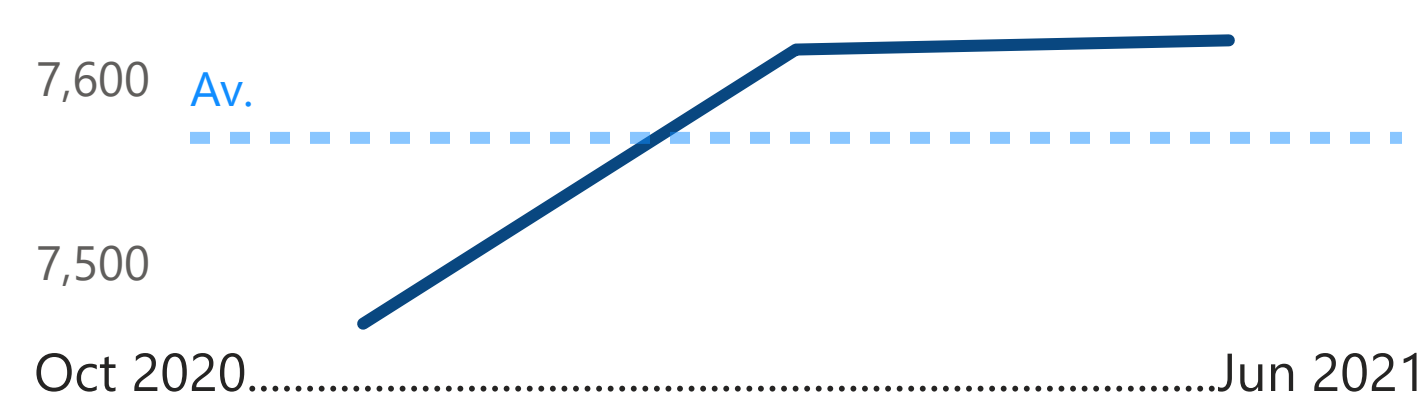
Q4 2020-21: 76,860 (-6%)

**Latest Date Q1 (Apr-Jun) 2021 USERS****MS Teams Calls Participation (Users)****7,658**

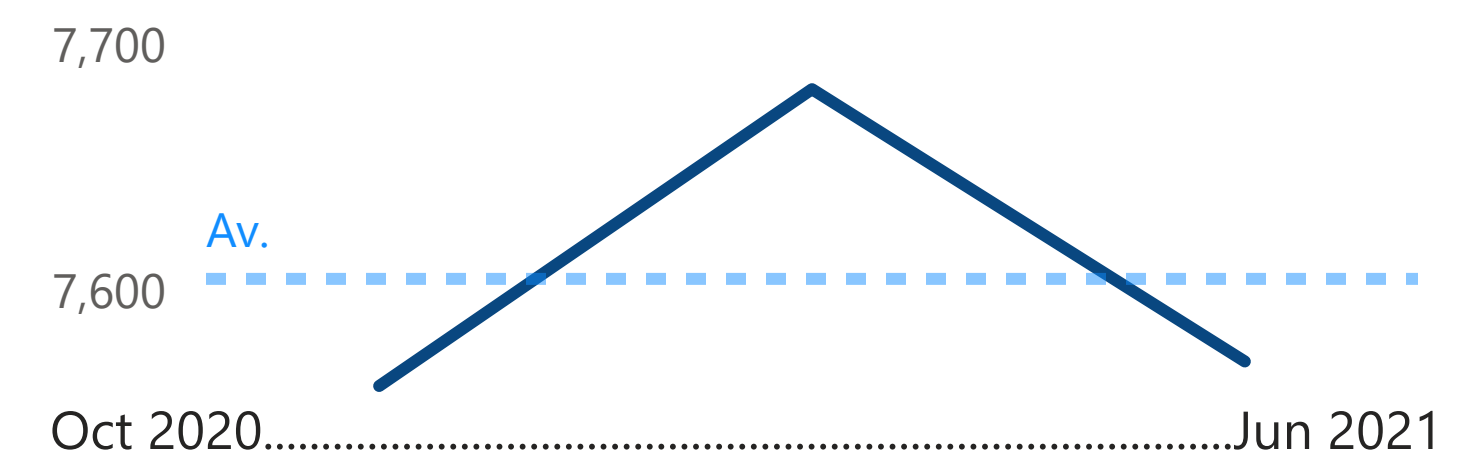
Q4 2020-21: 7,513 (+2%)

**MS Teams Chat Messages (Users)****7,621**

Q4 2020-21: 7,616 (+0%)

**MS Teams Meeting Participation (Users)****7,571**

Q4 2020-21: 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.

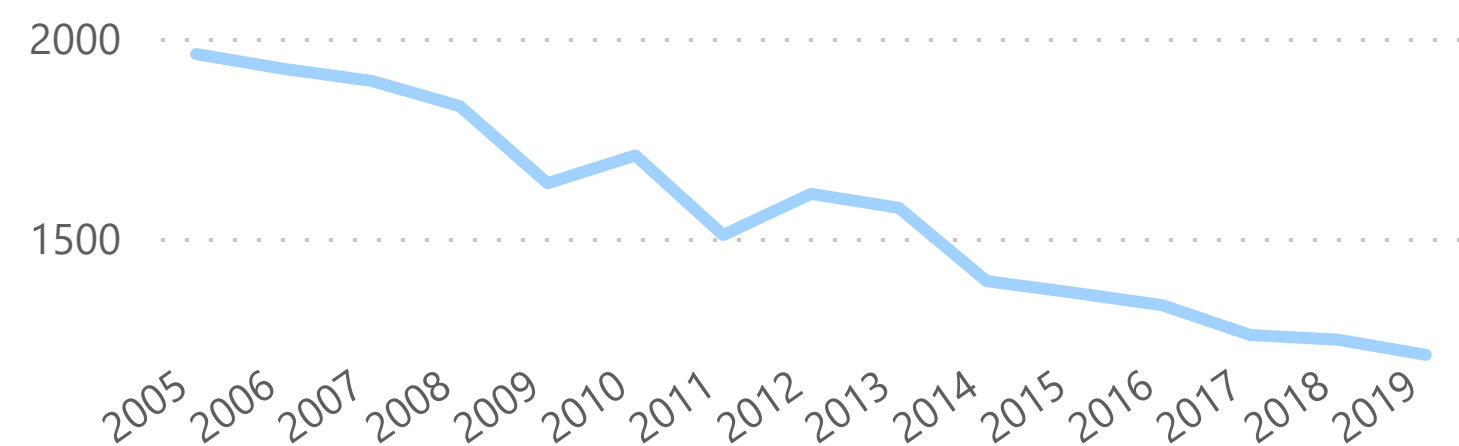
Data shows emissions allocated on an "end-user" basis where emissions are distributed according to the point of energy consumption.

## 2019 Data compared to previous years

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

**4220.0**

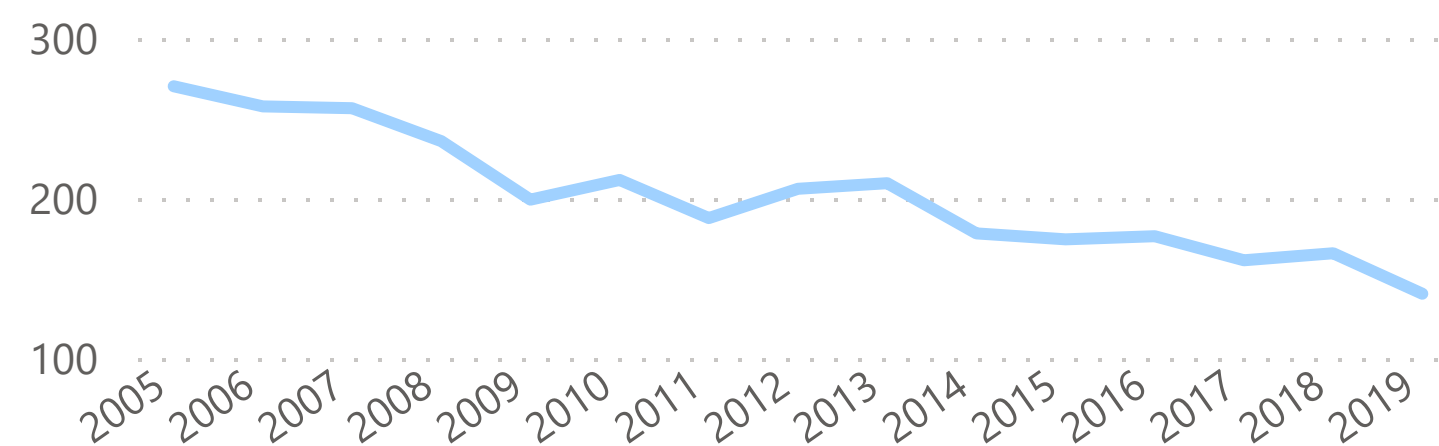
2018: 4333.4 (-2.6%)



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

**140.2**

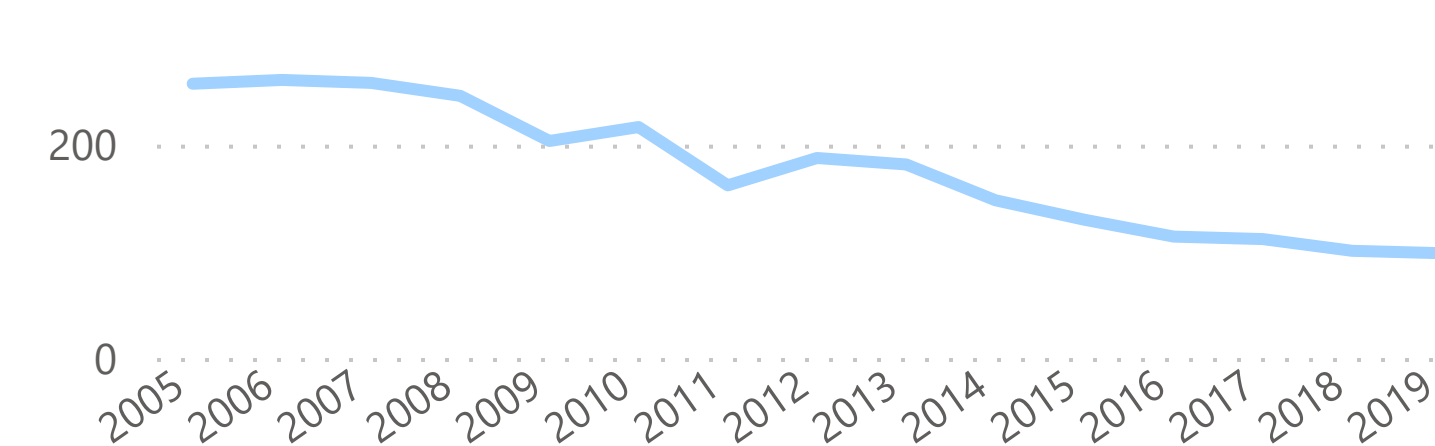
2018: 165.5 (-15.3%)



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

**98.2**

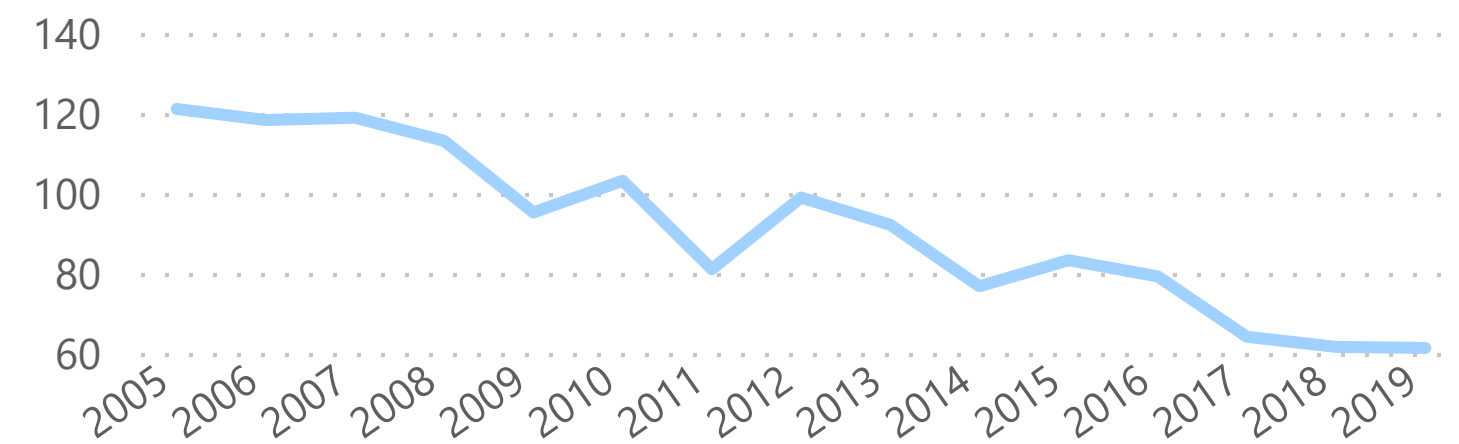
2018: 100.5 (-2.2%)



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

**61.3**

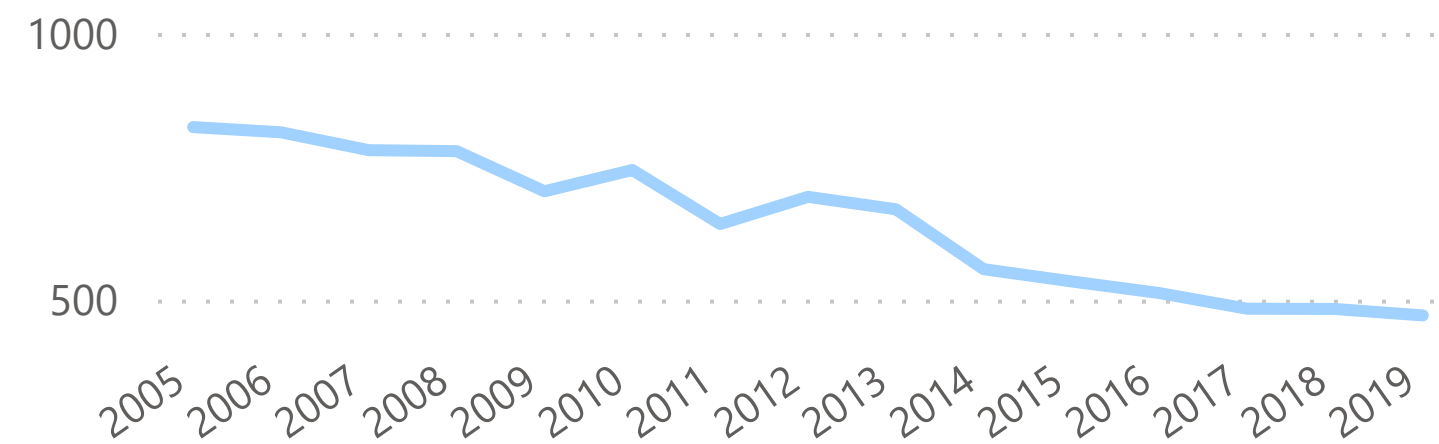
2018: 61.5 (-0.4%)



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

**470.4**

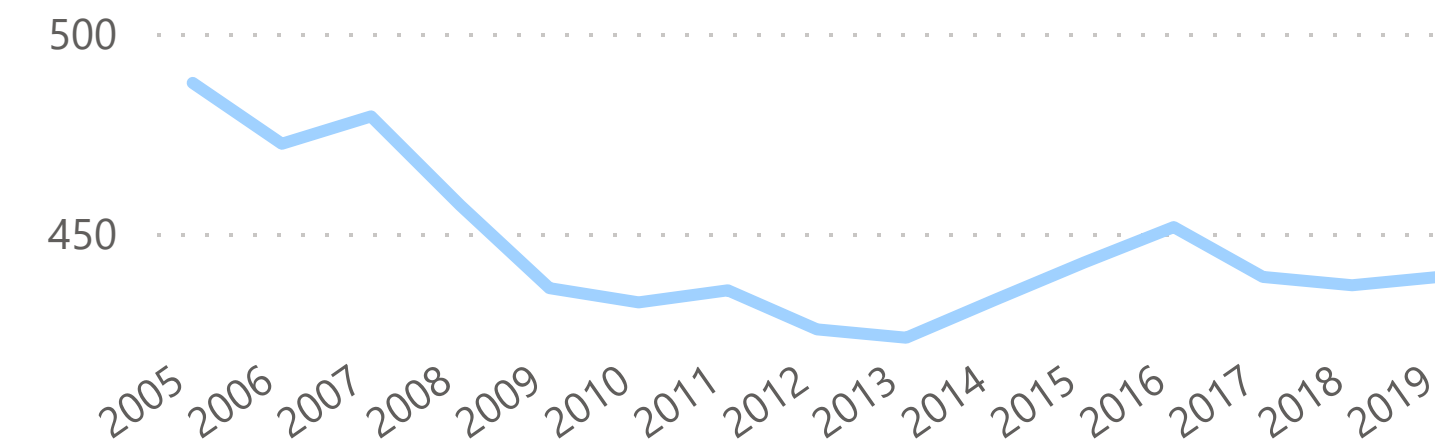
2018: 482.5 (-2.5%)



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

**439.1**

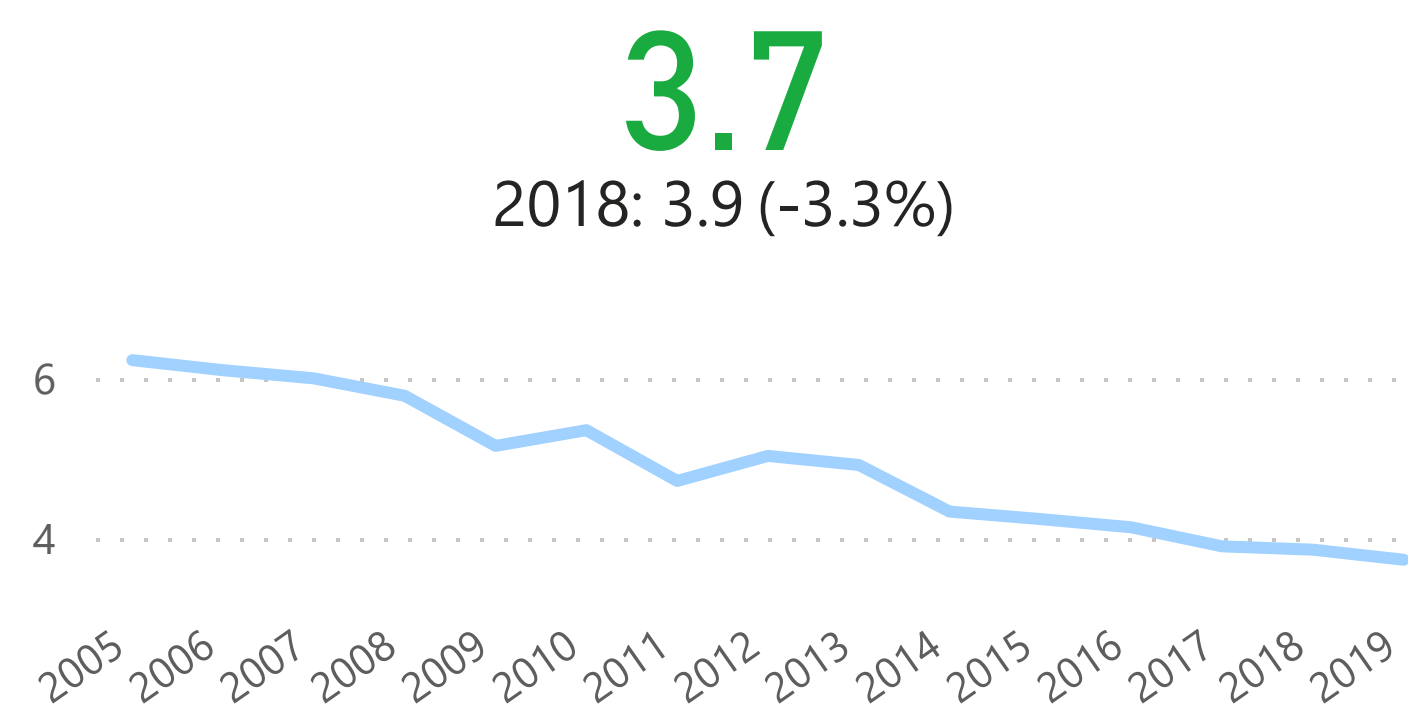
2018: 436.9 (+0.5%)



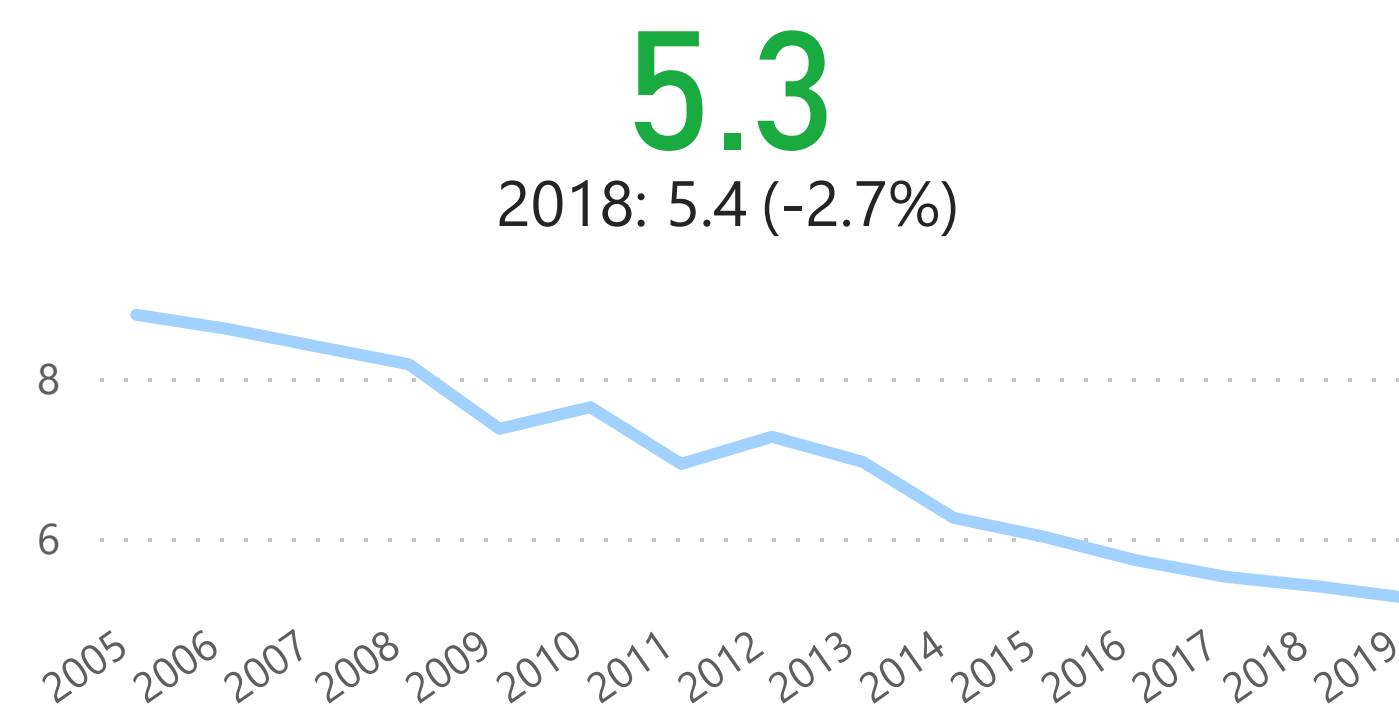
Data combines UK's Greenhouse Gas Inventory with data from a number of other sources, including local energy consumption statistics. They show "territorial" emissions, meaning they **occur within the Borough of Wirral's borders**.

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

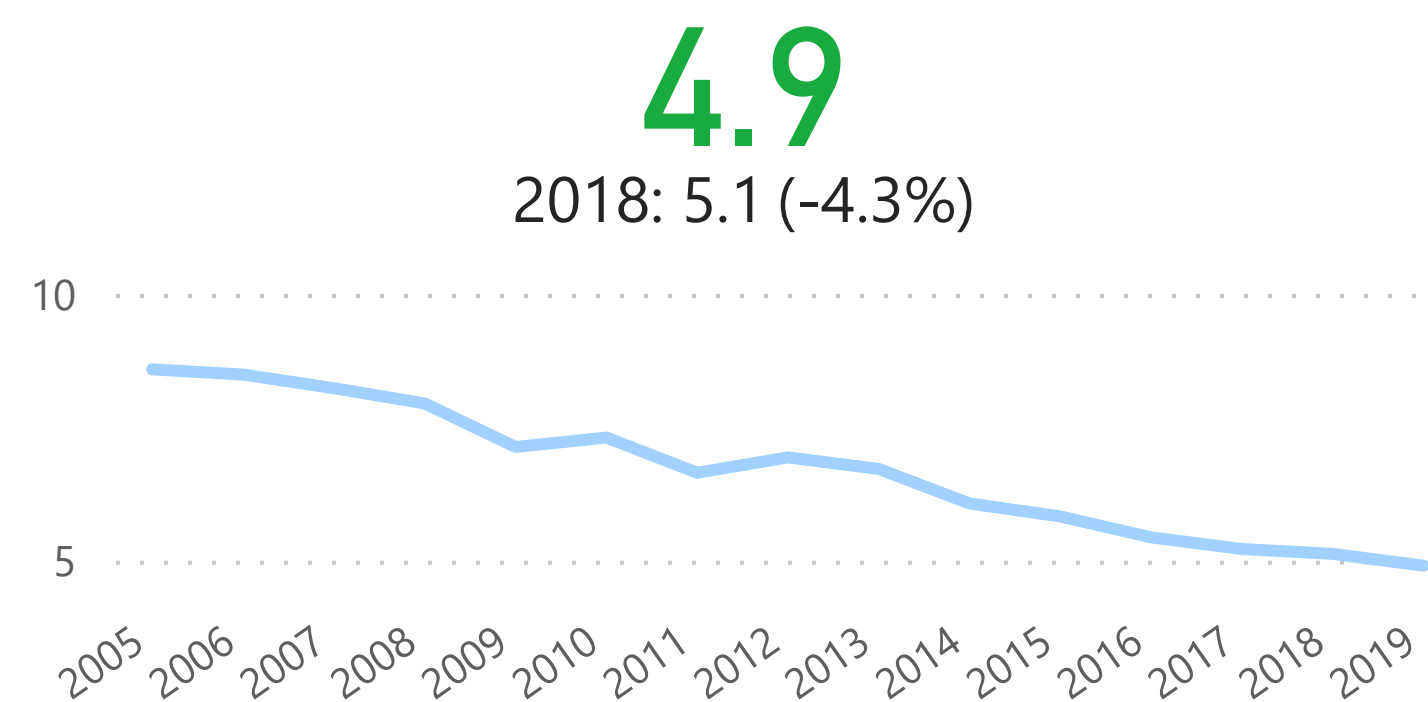
Wirral per capita emissions (t) 2019



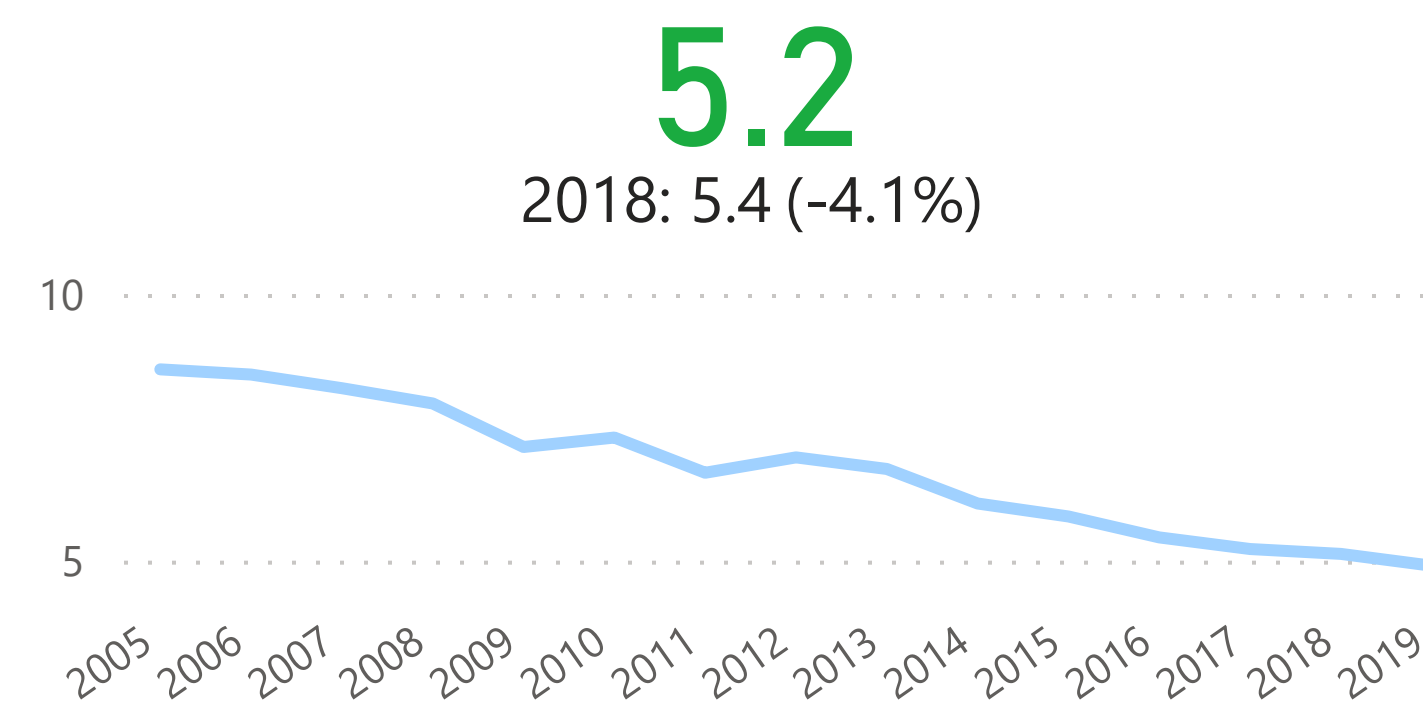
North West per capita emissions (t) 2019



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. Year 1 (2020-21) exceeded target by 3,032 trees (14.4% better than target). Tree planting season is October through to the end of March.

<b>Trees Planted Year 1</b>  <p style="text-align: center; font-size: 2em;"><b>24,032</b></p>	<b>Annual Target</b>  <p style="text-align: center; font-size: 2em;"><b>21,000</b></p>	<b>Year 1 performance against target</b>  <p style="text-align: center; font-size: 2em; color: green;"><b>14.4%</b></p>
<b>Tree Assets within tree inventory system</b>  <p style="text-align: center; font-size: 2em;"><b>35,519</b></p>	<b>Dangerous or unstable trees felled over 4 years</b>  <p style="text-align: center; font-size: 2em;"><b>1,707</b></p>	<b>Individual items of proactive tree maintenance works identified and ordered since start of contract (Apr 2020)</b>  <p style="text-align: center; font-size: 2em;"><b>1,452</b></p>
<b>Trees individually inspected since surveyors started in early 2021</b>  <p style="text-align: center; font-size: 2em;"><b>5,733</b></p>	<b>Parks sites inspected this year</b>  <p style="text-align: center; font-size: 2em;"><b>220</b></p>	<b>Veteran trees tested for decay with arborsonic equipment</b>  <p style="text-align: center; font-size: 2em;"><b>53</b></p>
<b>Woodland compartments captured within the inventory</b>  <p style="text-align: center; font-size: 2em;"><b>124</b></p>	<b>Tree groups captured within the inventory</b>  <p style="text-align: center; font-size: 2em;"><b>432</b></p>	<b>Carbon sequestered from tree planting</b>  <p style="text-align: center;">According to Local Partnerships CEAP, carbon sequestered from tree planting  <b>222 (tCO<sub>2</sub>e) by 2030</b></p>

Environment and Climate Emergency have very recently employed a Landscape Manger for the Tree Strategy and now work is underway to establish a robust analysis of the expected carbon benefits of recent and future tree planting.

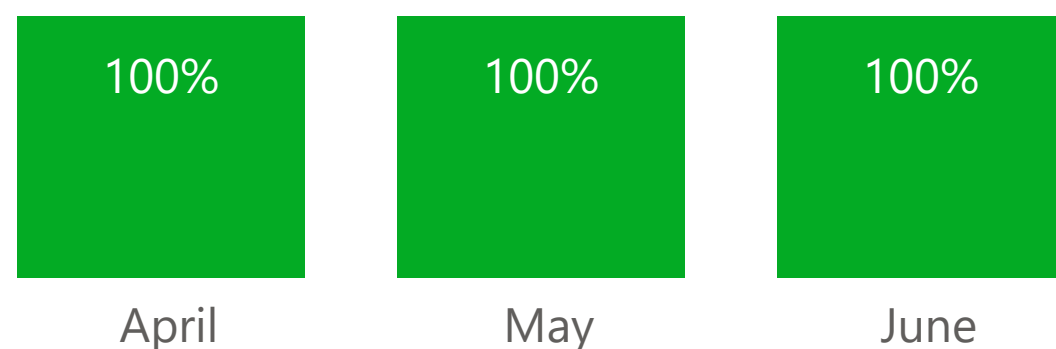
The Tree, Hedgerow & Woodland Strategy requires 21,000 trees be planted every year to meet the 210,000 target by 2030. Year 1 (2020-21) exceed target by 3,032 trees (14.4% better than target). Tree planting season is winter-early spring.

Tree Planting	2020-21	2020-21 Target
Total Trees Planted	24032	21000
Eco Schools	10000	
Mersey Forest	9600	
Urban Tree Challenge Fund	1700	
Ground Control	1520	
Garden Waste Subscriber scheme	1000	
Transport and Highways	203	
Combined Authorities funding	9	

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

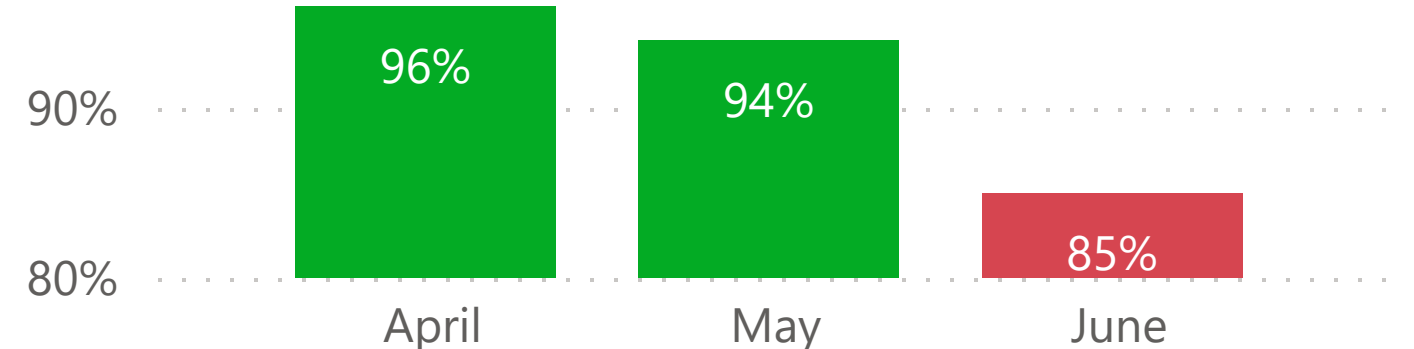
Provide response to emergency call outs within one hour

**100%**  
Target: 100%



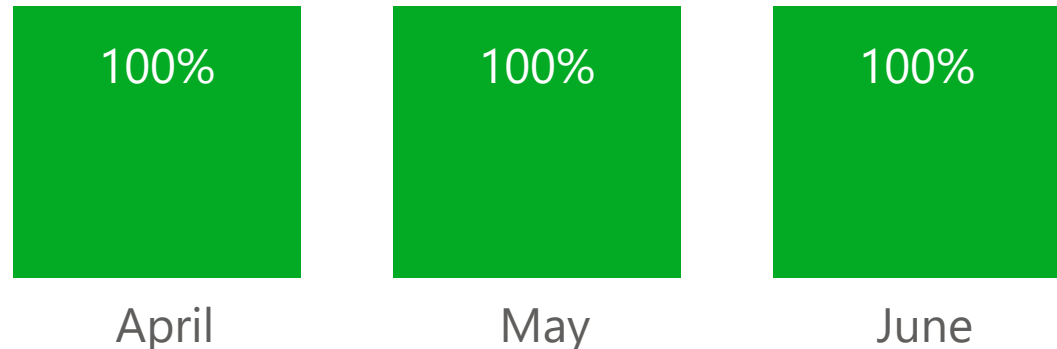
Carry out tree works within the specified time frame (1 hour, 24 hours, 4 weeks, 12 weeks)

**85%**  
Target: 90%



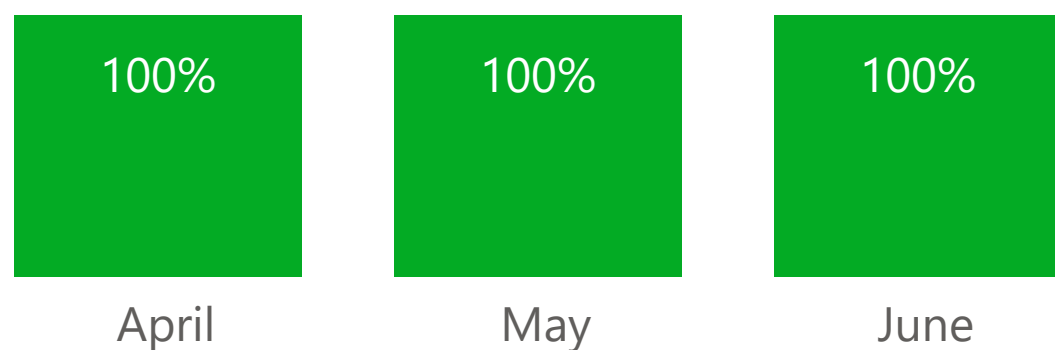
Provide quotations within 10 working days of request

**100%**  
Target: 90%



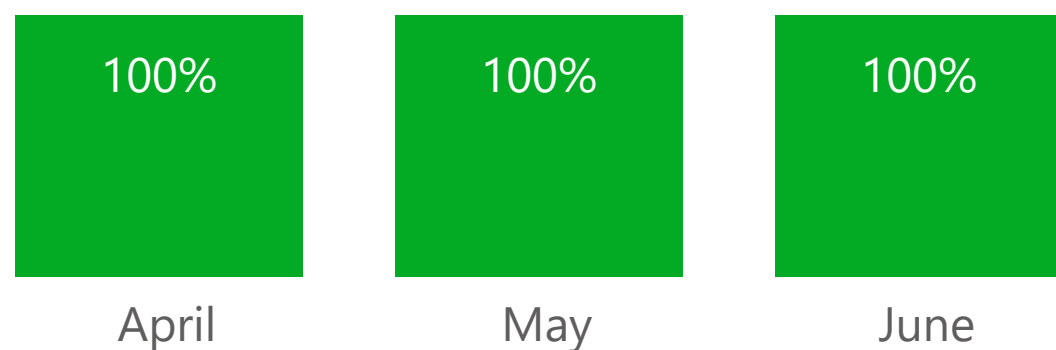
Provide details of any accidents or near misses within 3 hours

**100%**  
Target: 100%



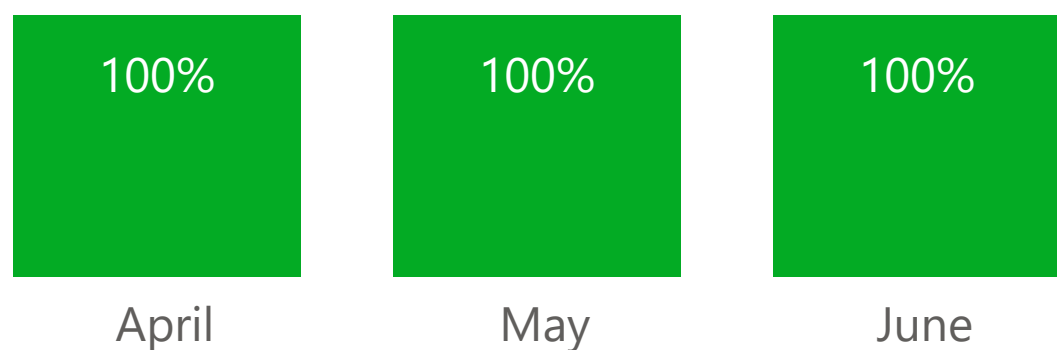
Provide written initial response in relation to a complaint or FOI submitted to the council within 3 working days

**100%**  
Target: 90%



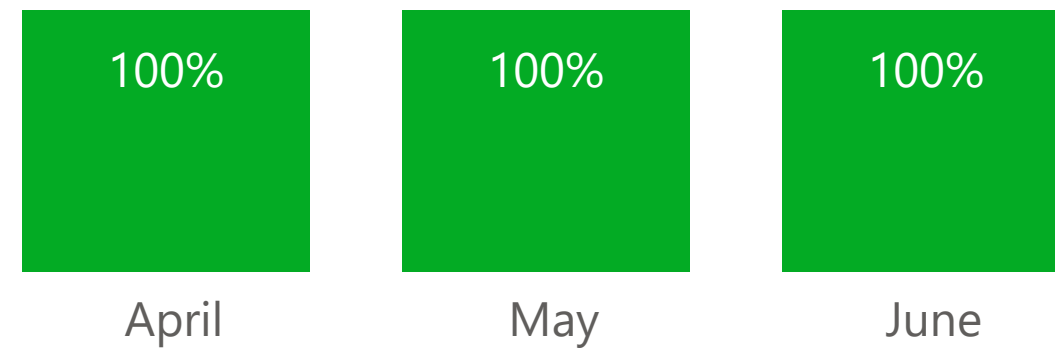
Invoice within one month days of completion of batch / site

**100%**  
Target: 90%



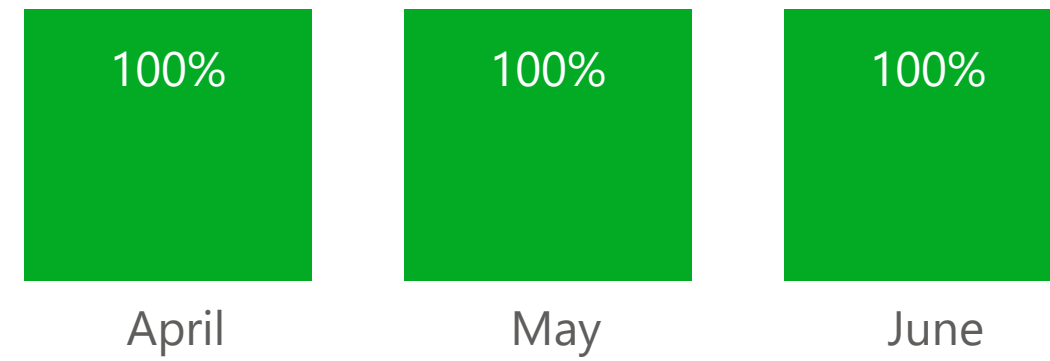
Provide written initial response in relation to a complaint or FOI submitted to the council within 3 working days

**100%**  
Target: 90%



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

**100%**  
Target: 90%



Number of individual items of tree maintenance works ordered

**231**



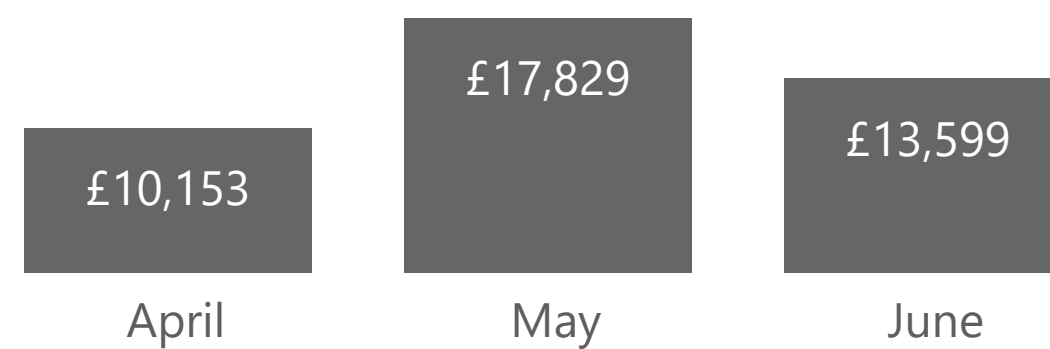
Monthly Parks Spend

**£31,661**



Monthly Highways Spend

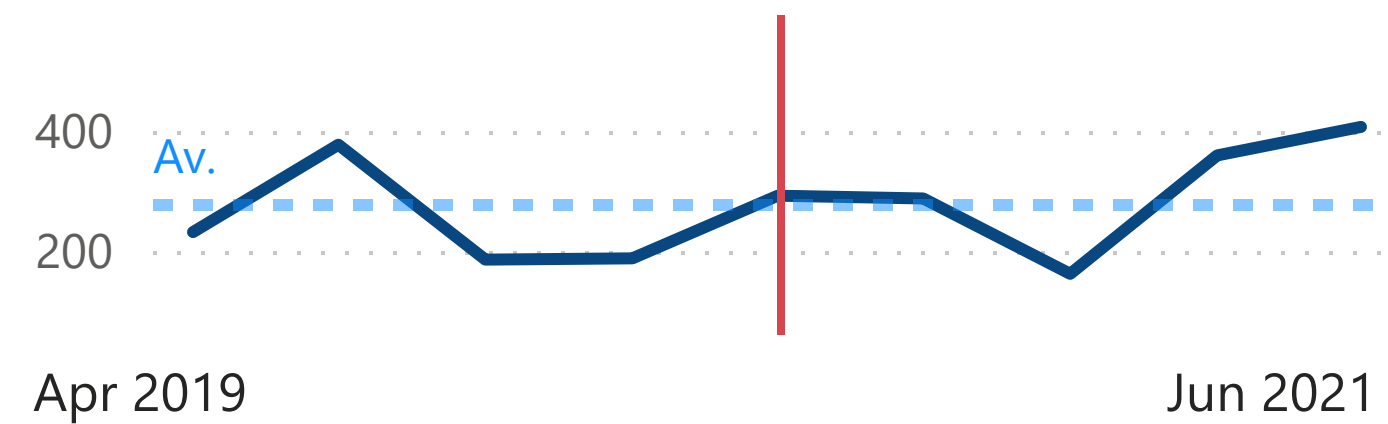
**£41,581**



## Fly-tipping (t) 2021-22

**407**

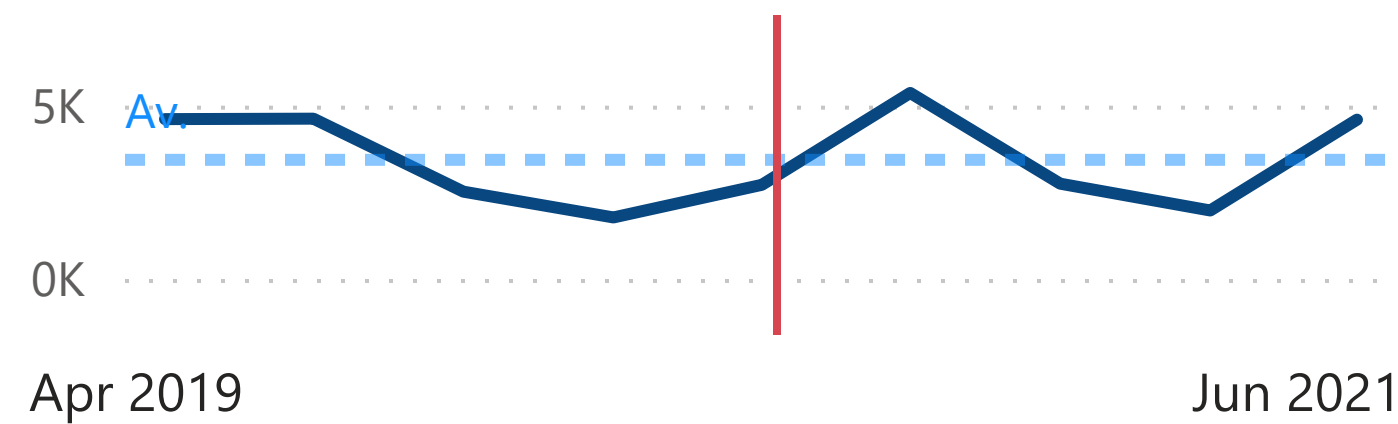
2020-21: 292 (+39%)



## Garden Waste (t) 2021-22

**4,597**

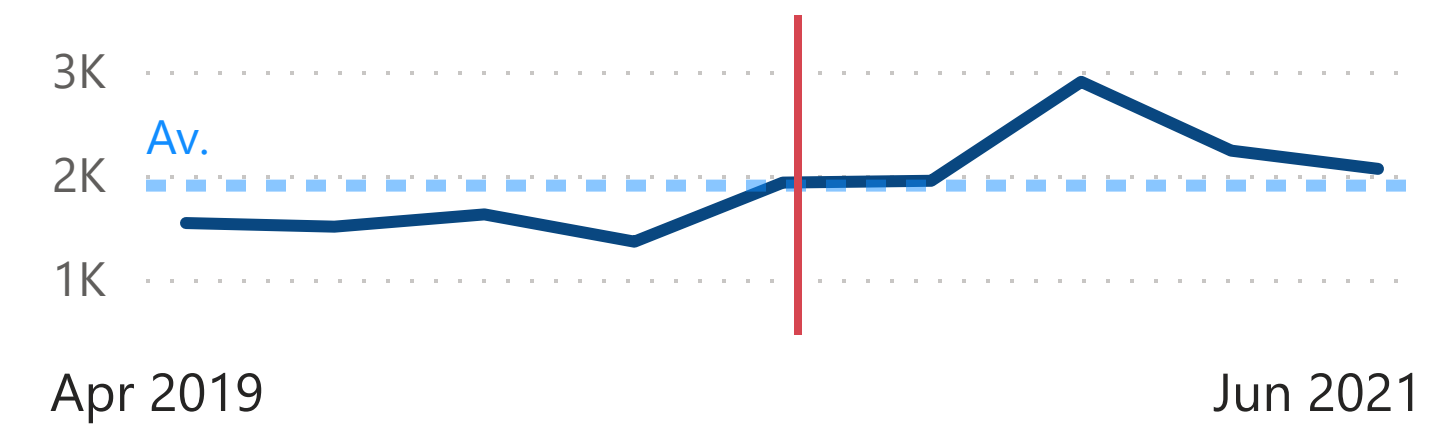
2020-21: 2,716 (+69%)



## Street Cleansing (t) 2021-22

**2,059**

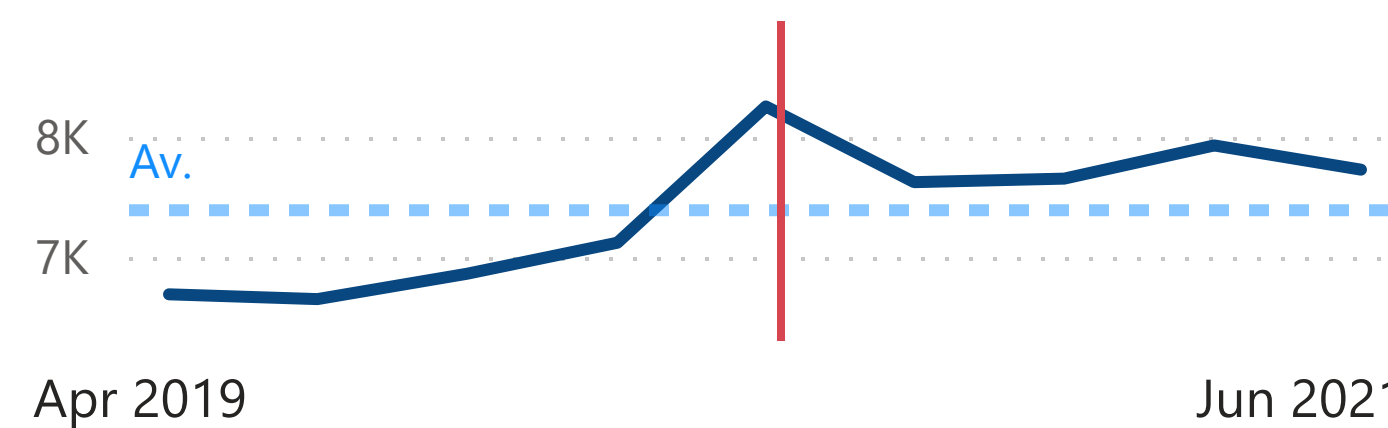
2020-21: 1,927 (+7%)



## Recycling (t) 2021-22

**7,728**

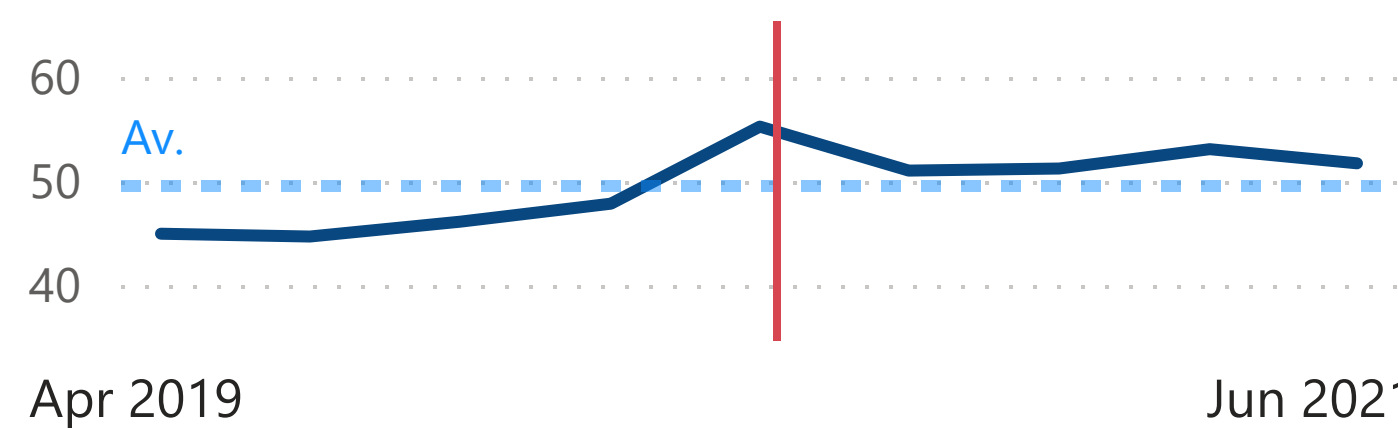
2020-21: 8,255 (-6%)



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

**52**

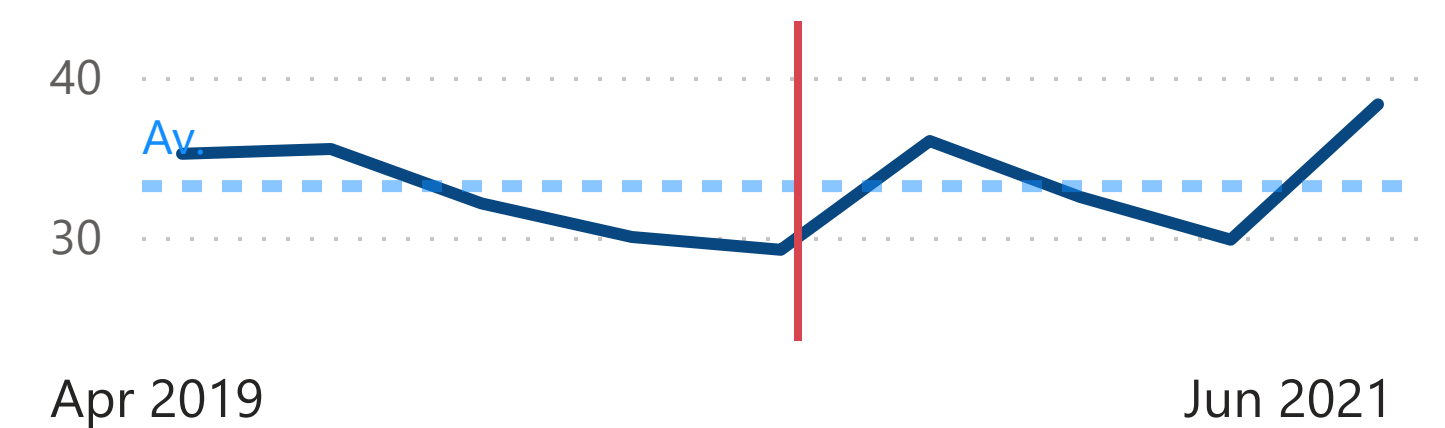
2020-21: 55 (-6%)



## Recycling Rate Q1 (Apr-Jun 2021)

**38.3%**

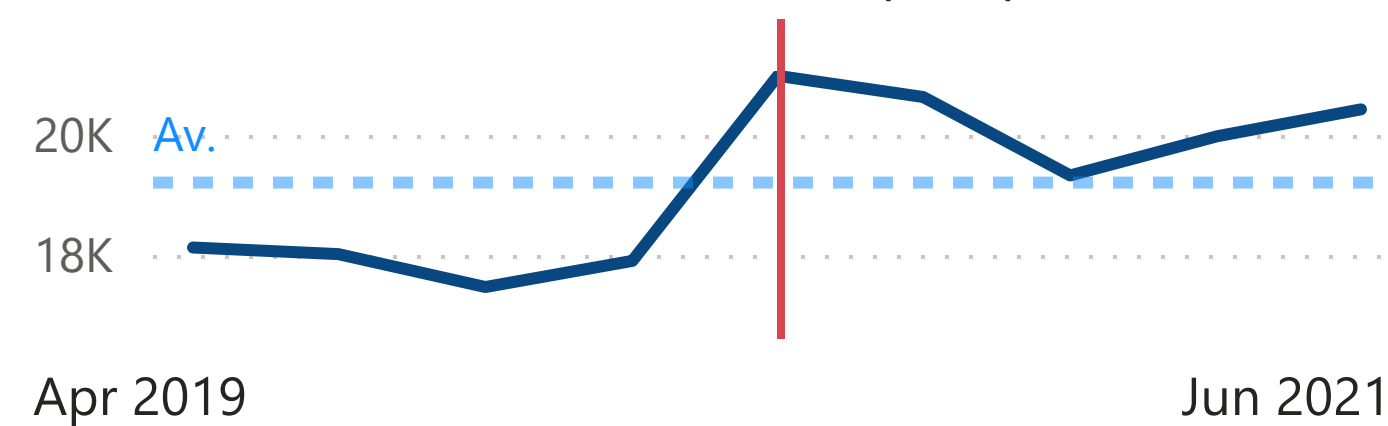
Q1 2020-21: 29.2% (+9.1%)



## Refuse (t) 2021-22

**20,427**

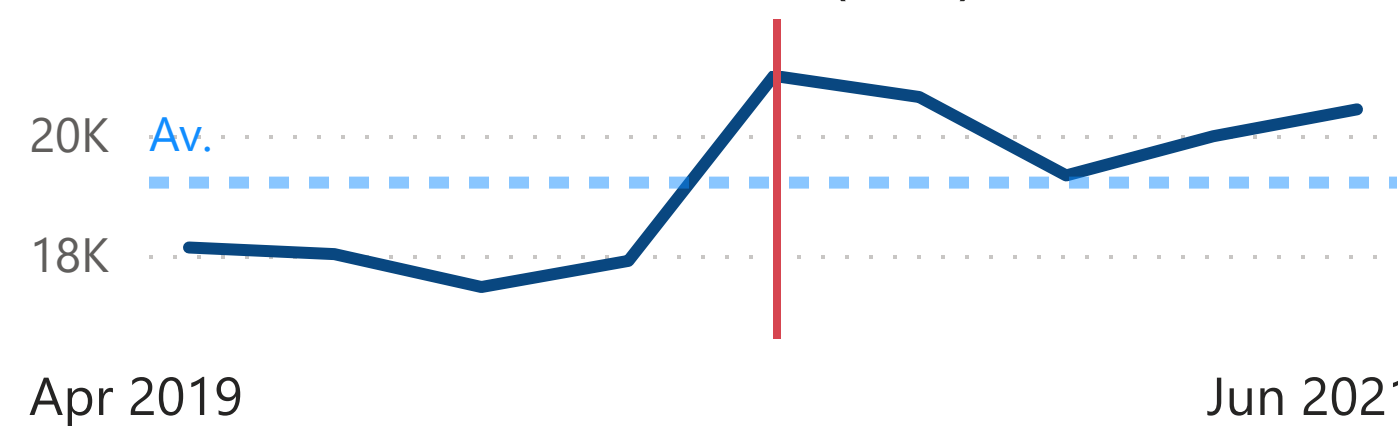
2020-21: 20,986 (-3%)



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

**137**

2020-21: 140 (-3%)



Red line indicates April 2020 to indicate start of Covid Pandemic



Measure (higher is better)	Q4 2020-21	Q4 2019-20	Diff Q4 2019-20	DoT Q4	Year 2020-21	Year 2019-20	Diff 2019-20	DoT 2019-20
Garden waste (t)	1976	1775	11%	↑	12,809	13,531	-5%	↓
Recycling (t)	7930	7119	11%	↑	31,461	27,318	15%	↑
Recycling KG per h/hold	53	48	11%	↑	210	184	15%	↑

Measure (lower is better)	Q4 2020-21	Q4 2019-20	Diff Q4 2019-20	DoT Q4	Year 2020-21	Year 2019-20	Diff 2019-20	DoT 2019-20
Fly tipping (t)	359	188	91%	↑	1,101	982	12%	↑
Refuse (t)	19979	17902	12%	↑	80,924	71,508	13%	↑
Refuse KG per h/hold	134	120	11%	↑	541	480	13%	↑

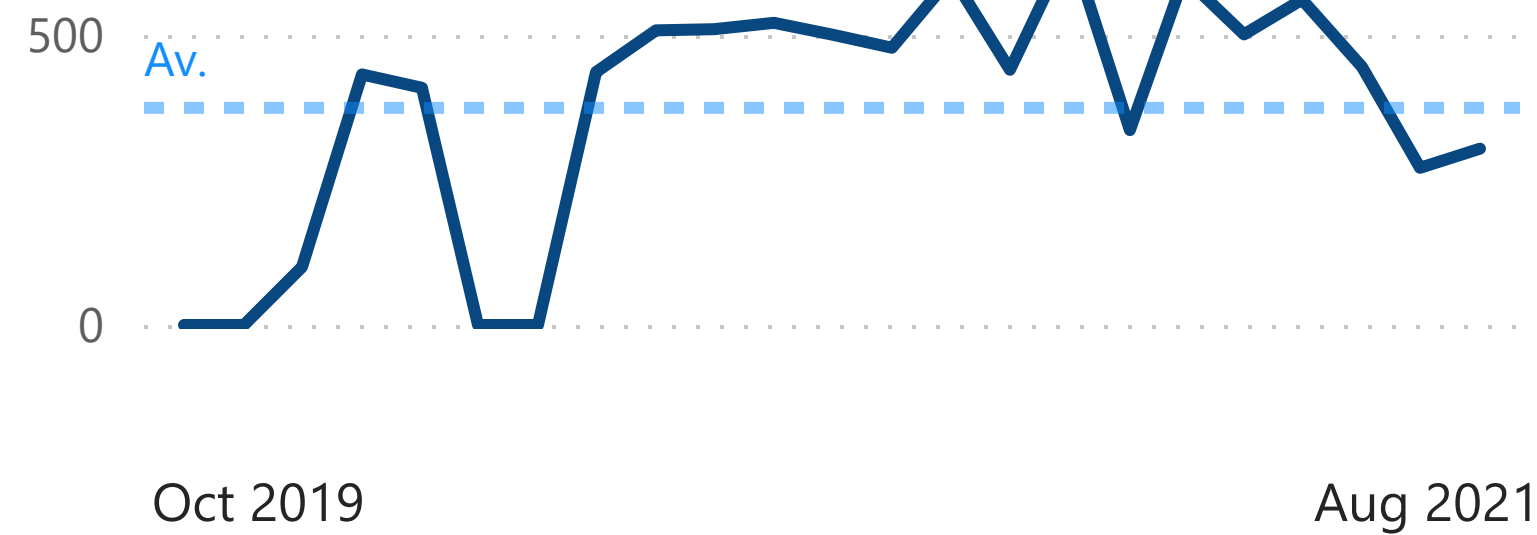
Recycling Rates data reported one Qtr in arrears

Recycling (higher is better)	Q3 2020-21	Q2 2020-21	DoT Waste PQ	Q3 2019-20	DoT Waste PY
Recycling Rates	32.5%	36.0%	↓	32.1%	↑

Total Street Lights: 37,470. Energy savings at project end: 60.7%

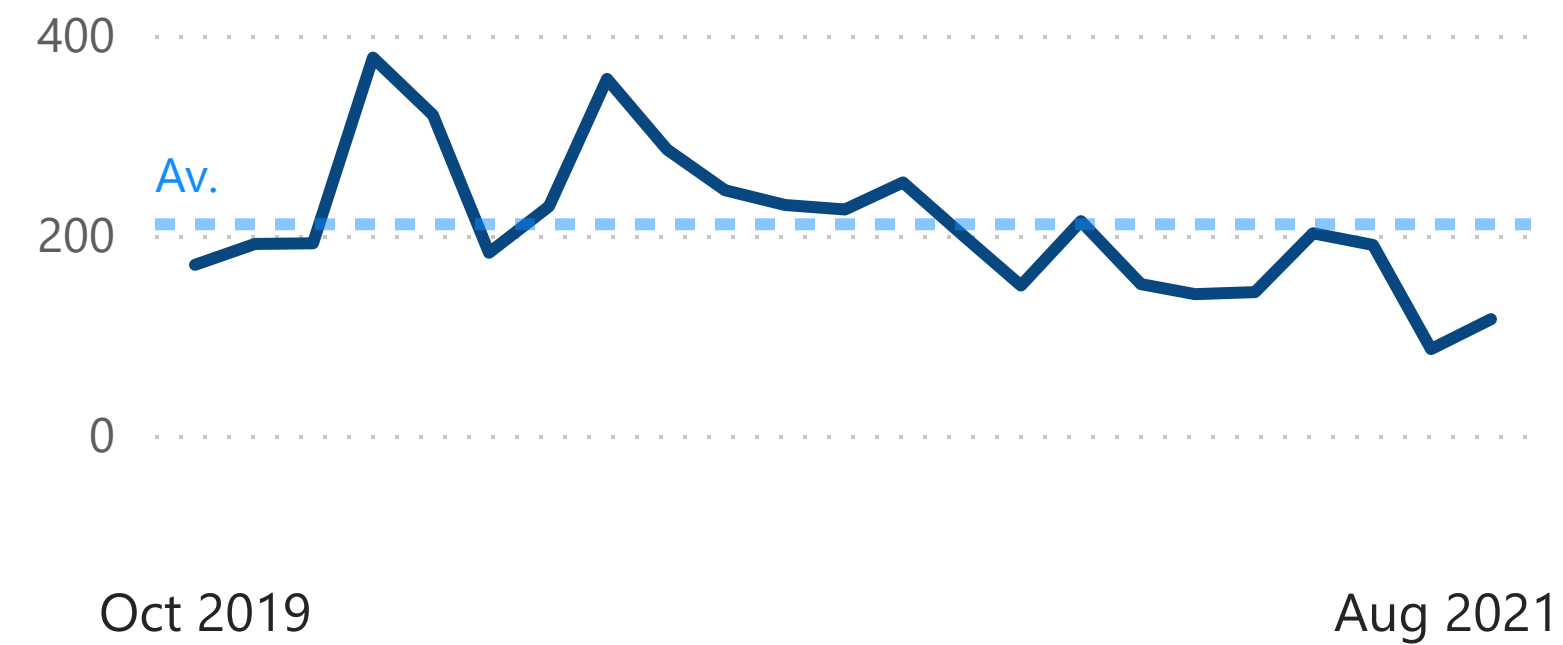
Columns replaced (Total to be replaced 9,186)

**8,610**



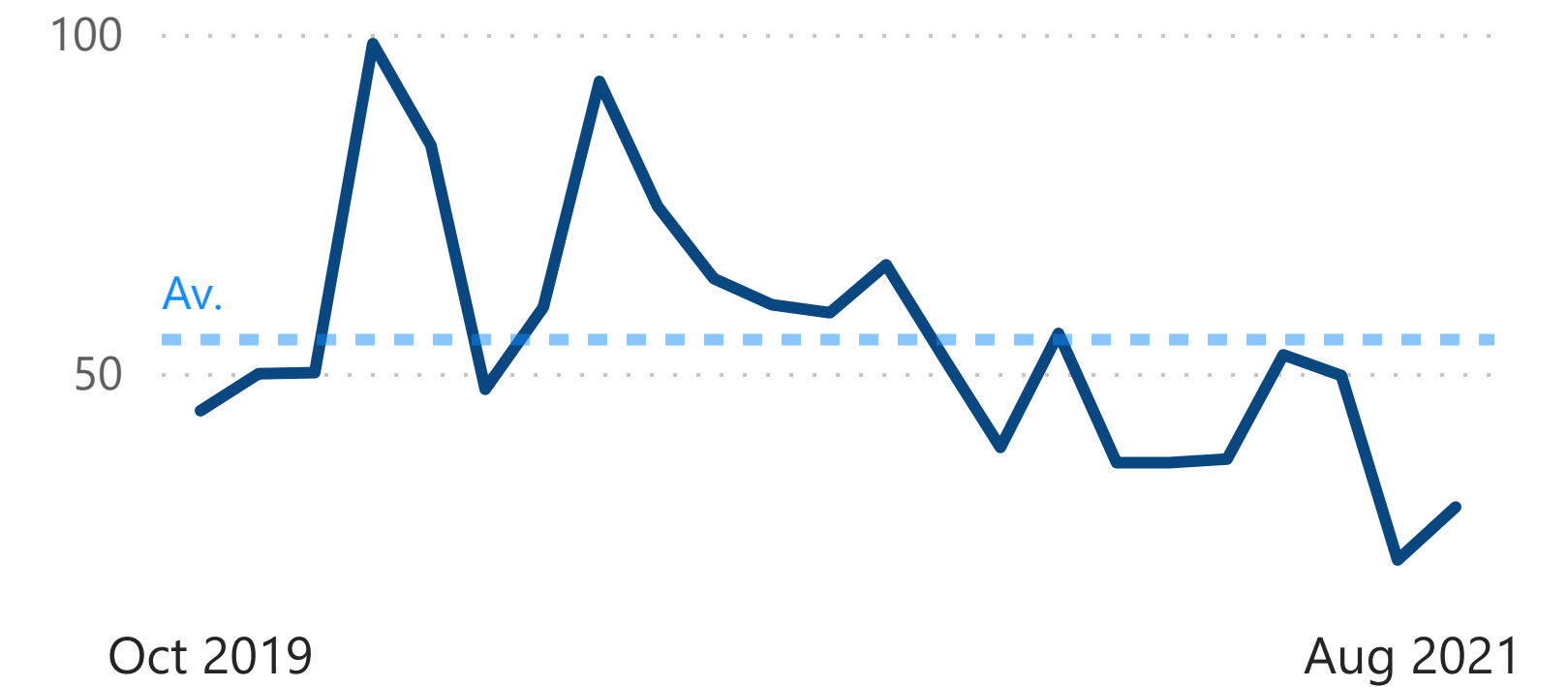
Sodium Lamp (legacy) kWh used since start of Sodium to LED replacement programme

**4,847**



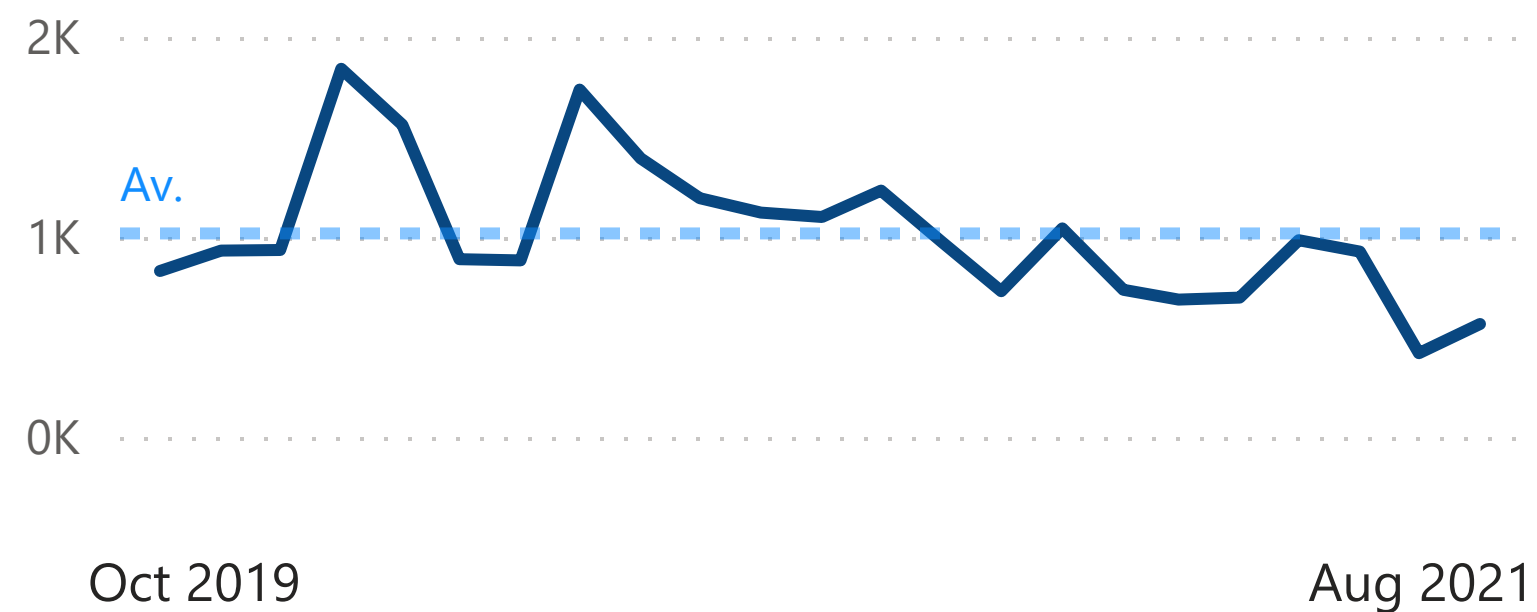
Carbon Reduction (t) since start of programme

**1,263**



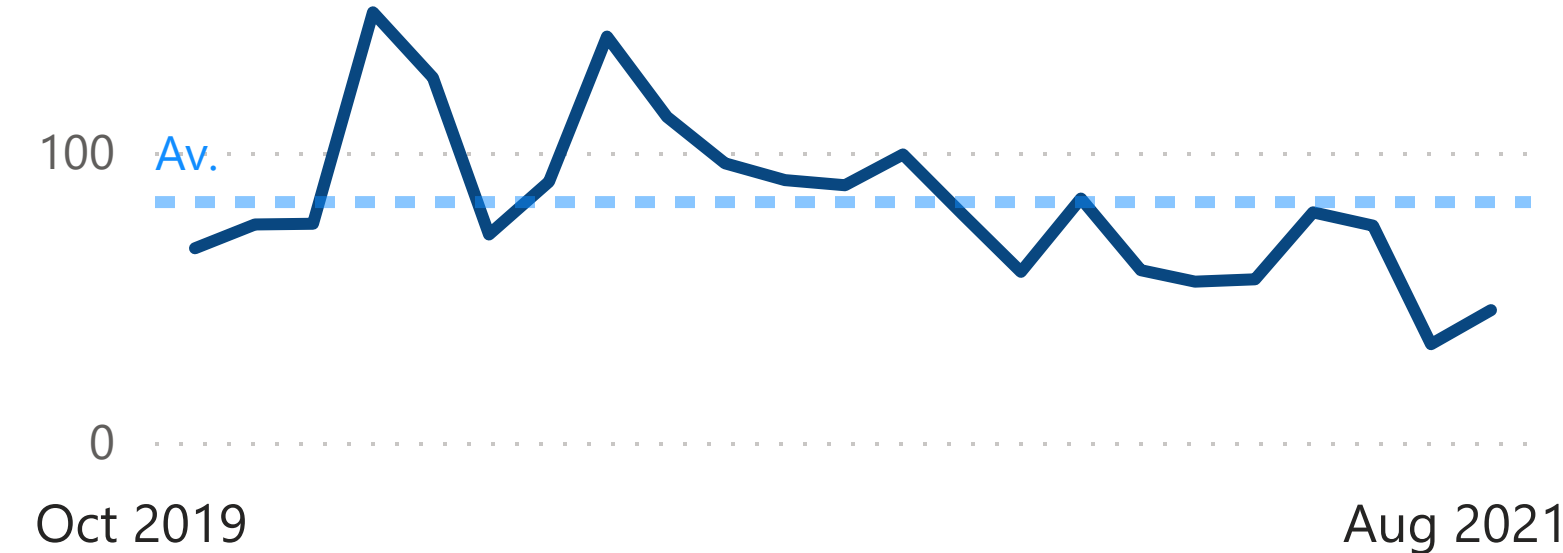
Lanterns replaced (Total to be replaced 27,618)

**23,410**



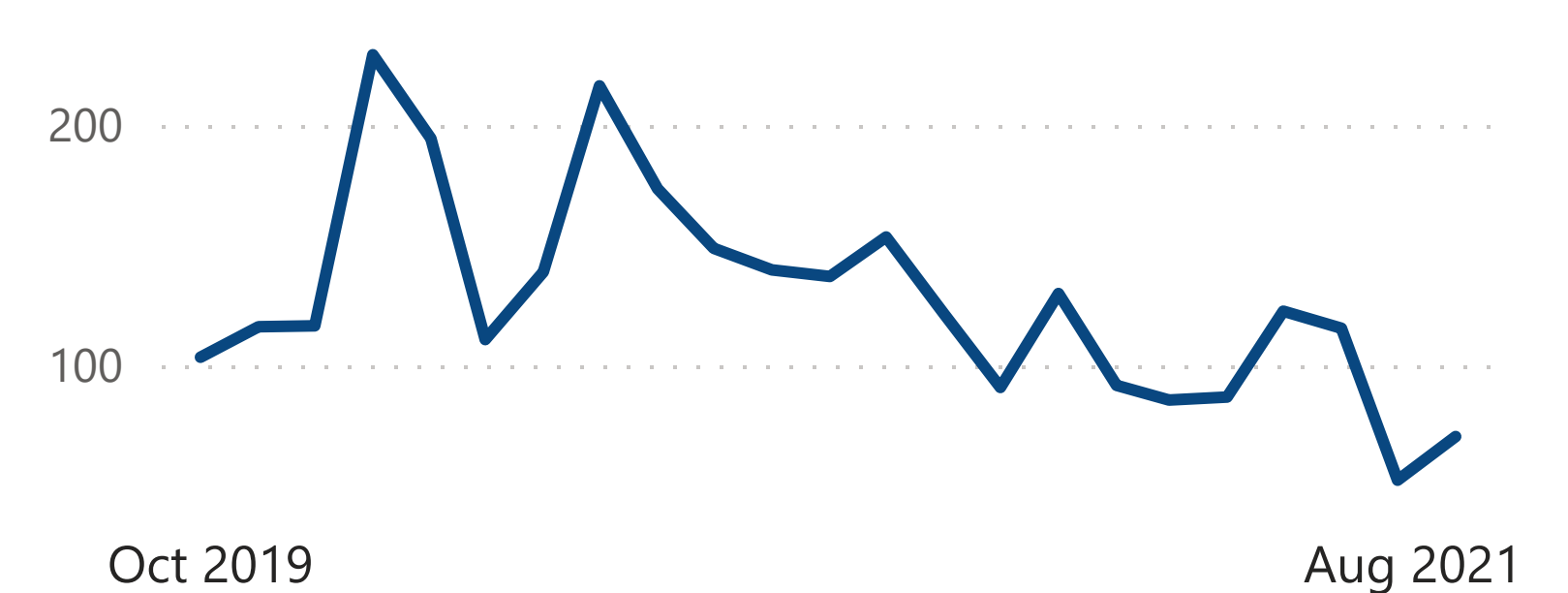
LED Lamps kWh used since start of Sodium to LED replacement programme

**1,903**



Energy Saving (kWh) since start of programme

**2,944**



TOTAL CONTACTS

 204

COMPLAINTS



4

% TARGET MET

100%

CLLR/MP ENQUIRIES



200

% TARGET MET

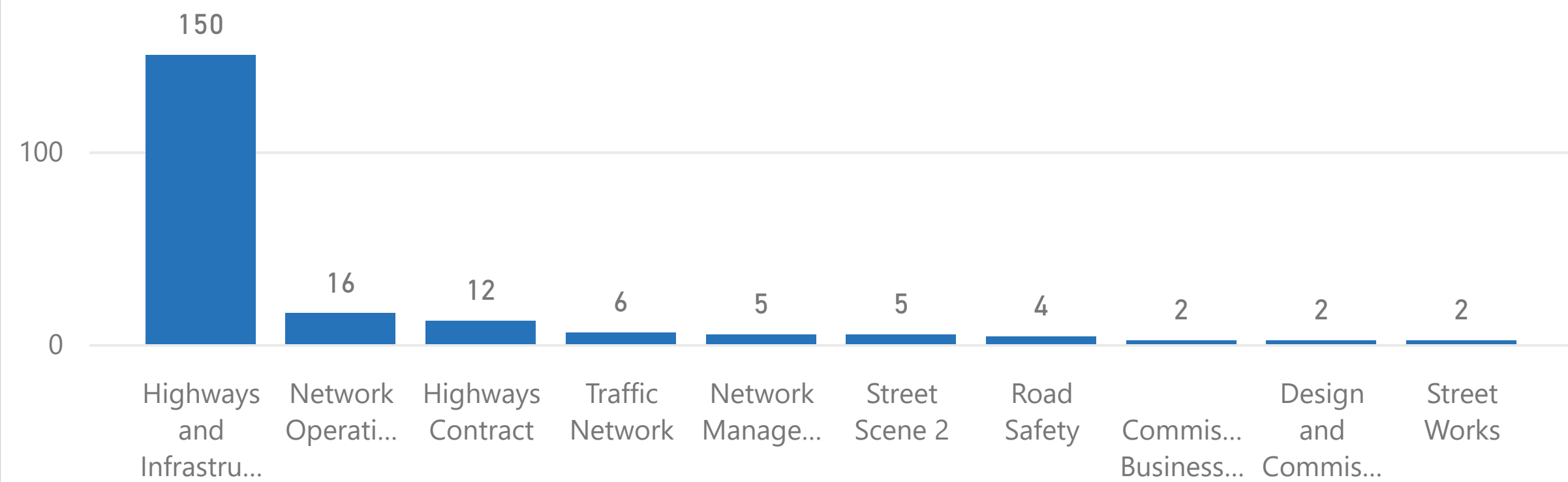
79%

POSITIVE FEEDBACK

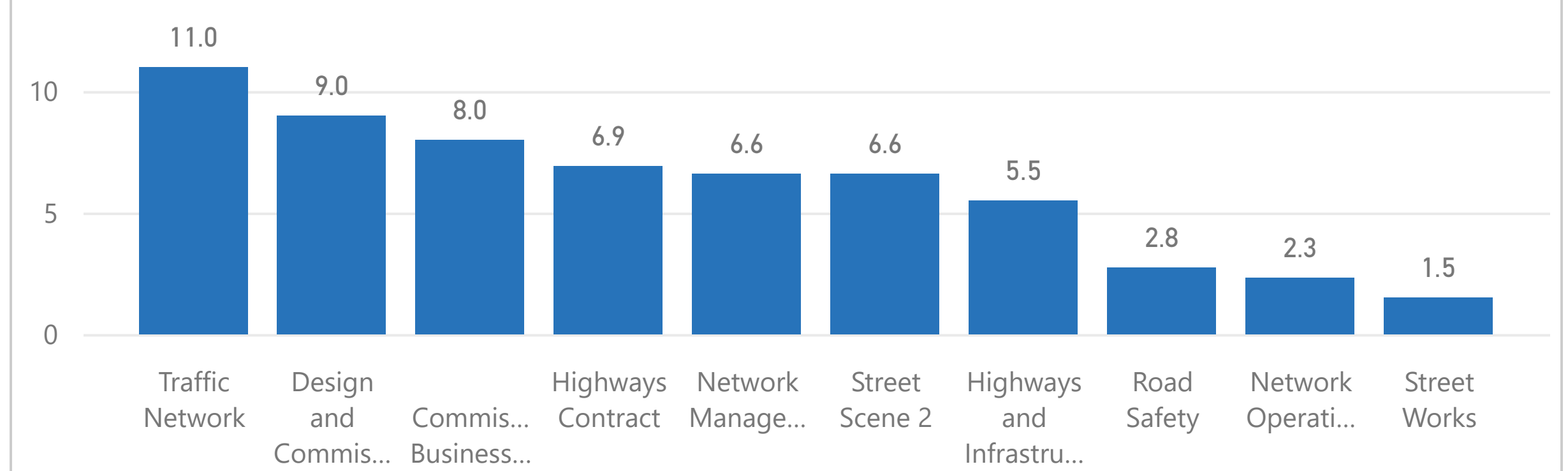


0

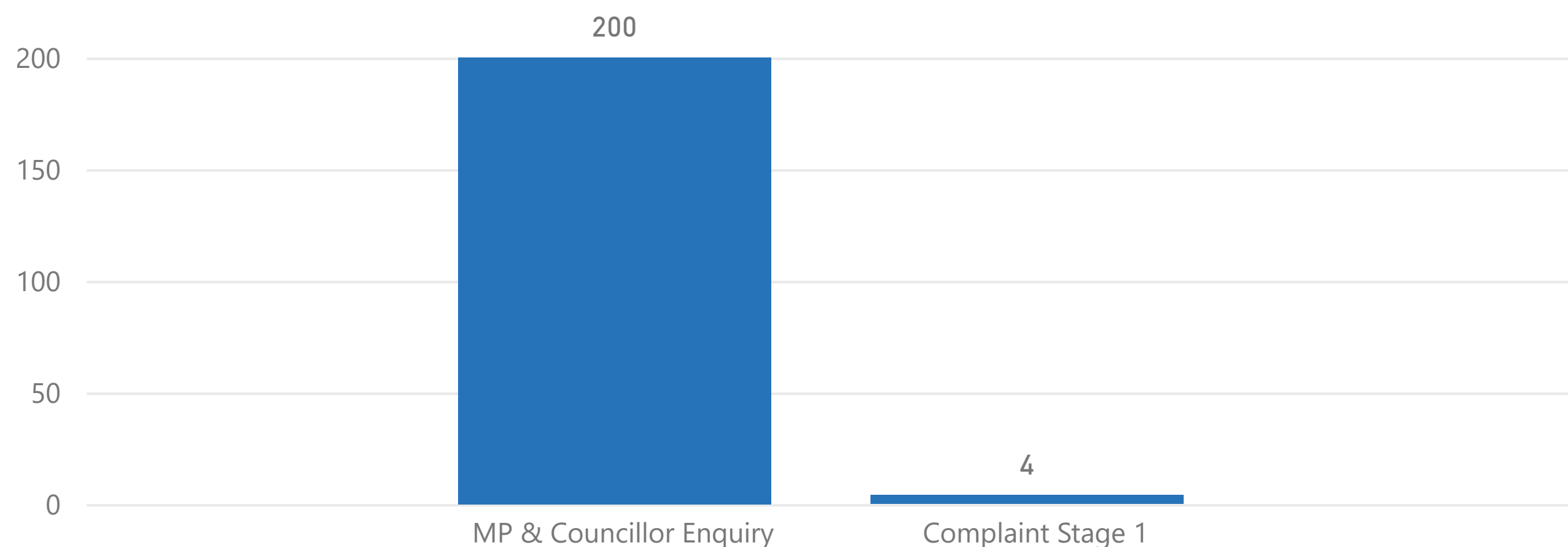
NUMBER OF CONTACTS PER DIRECTORATE/SERVICE/TEAM



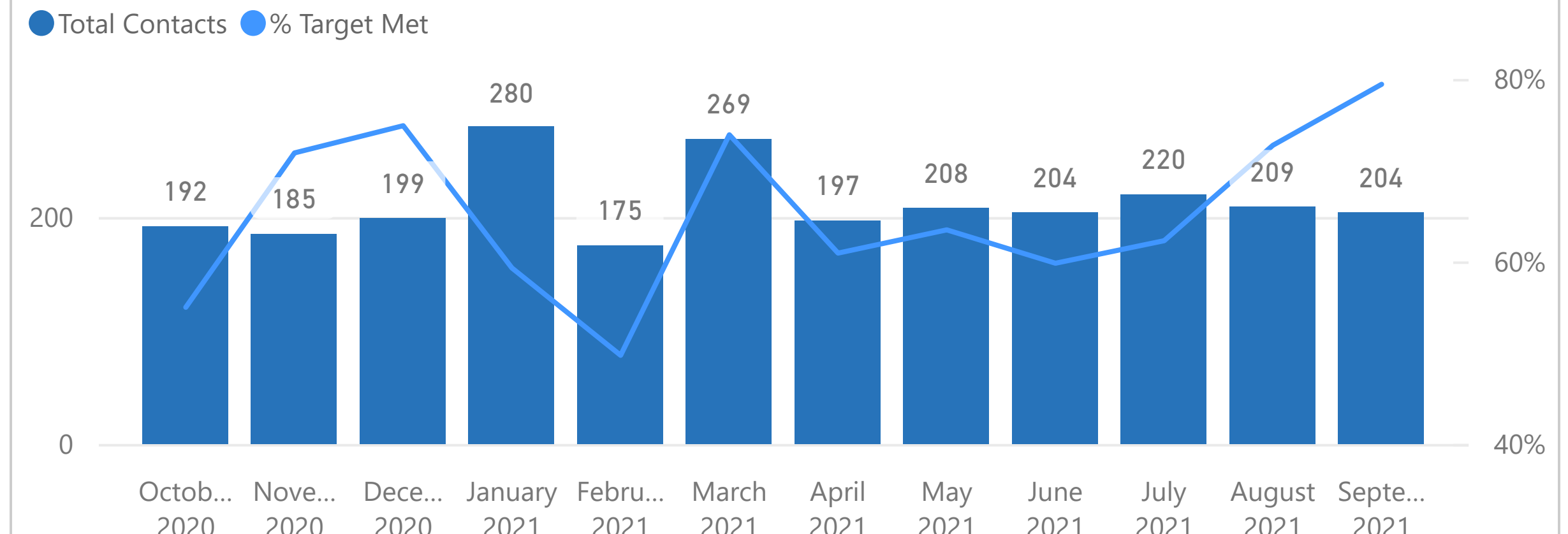
AVERAGE RESPONSE TIME (WORKING DAYS) PER DIRECTORATE/SERVICE/TEAM



NUMBER OF CONTACTS PER CATEGORY



TREND OF NUMBERS OF CONTACTS AND TARGETS MET



Repair or make safe road defects which have a high potential of causing damage to road users

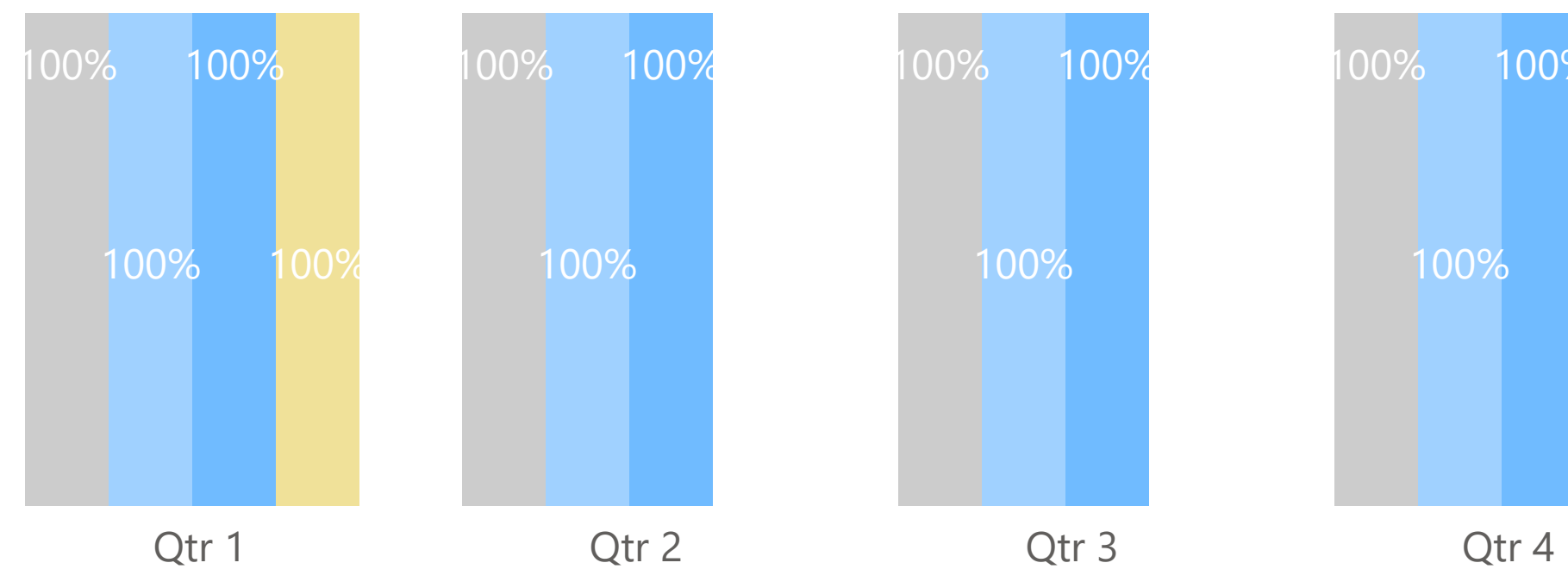
% of Call Out and Priority 1 carriageway defects repaired or made safe within the specified period

Year ● 2018 ● 2019 ● 2020 ● 2021

# 100%

Same Qtr Last Year: 100% (+0%)

Excellent = 100%, Good = 99%, Acceptable <99%>95%

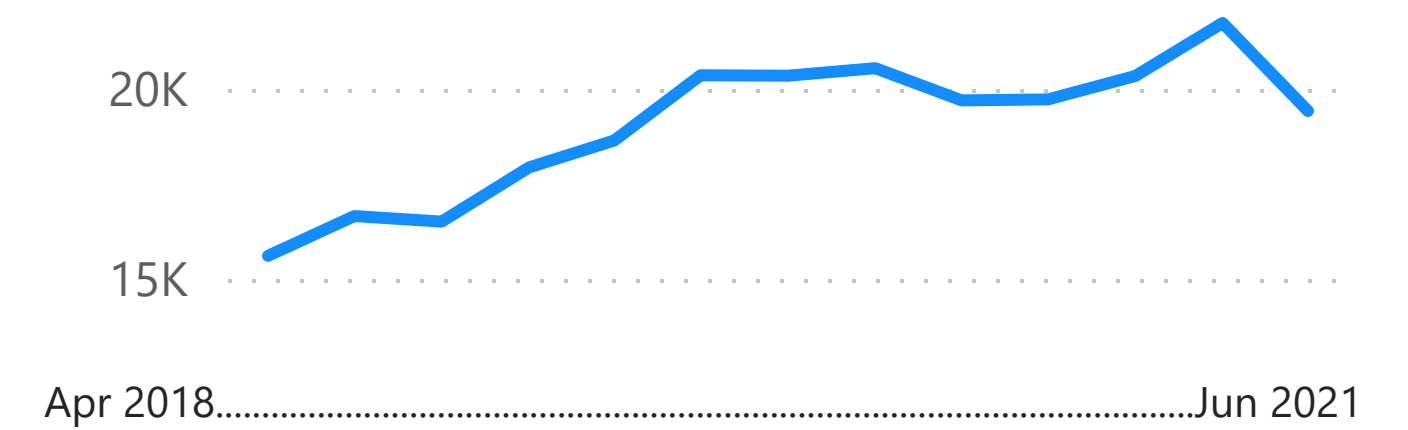
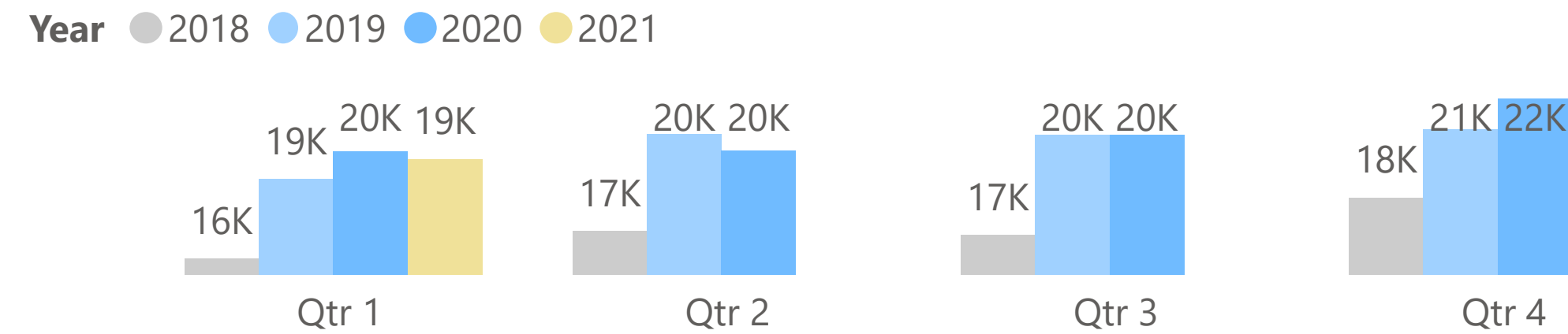


Provide resources which are effective in delivering highway maintenance services

## Street Works Completion (Utility) Days occupancy

**19,421**

Same Qtr Last Year: 19,700 (-279 -1%)

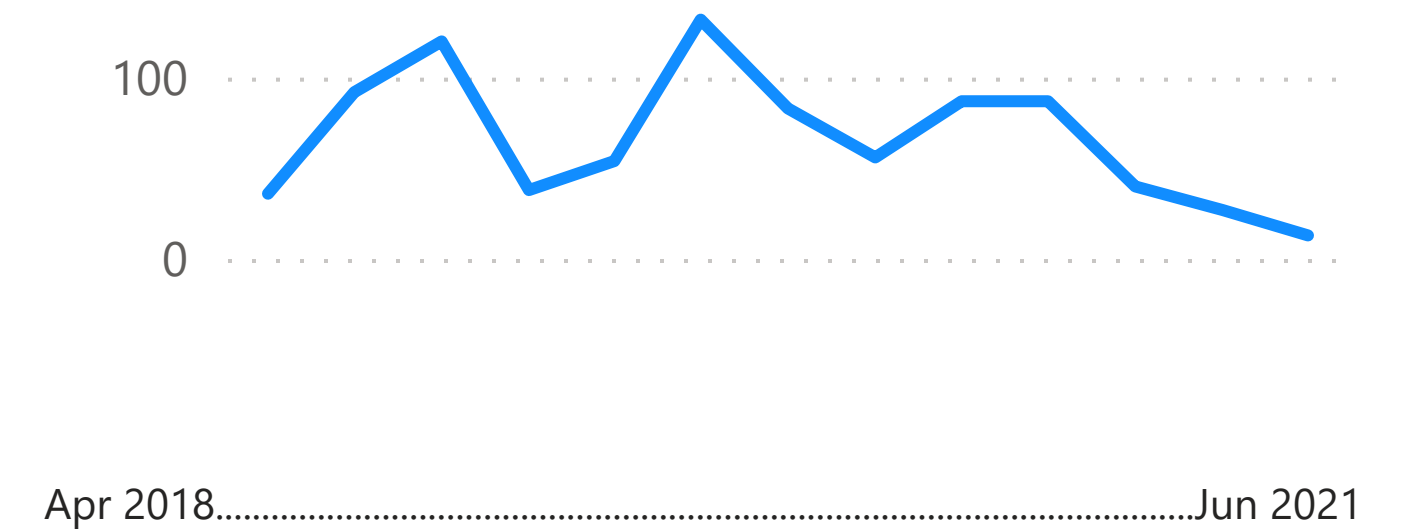
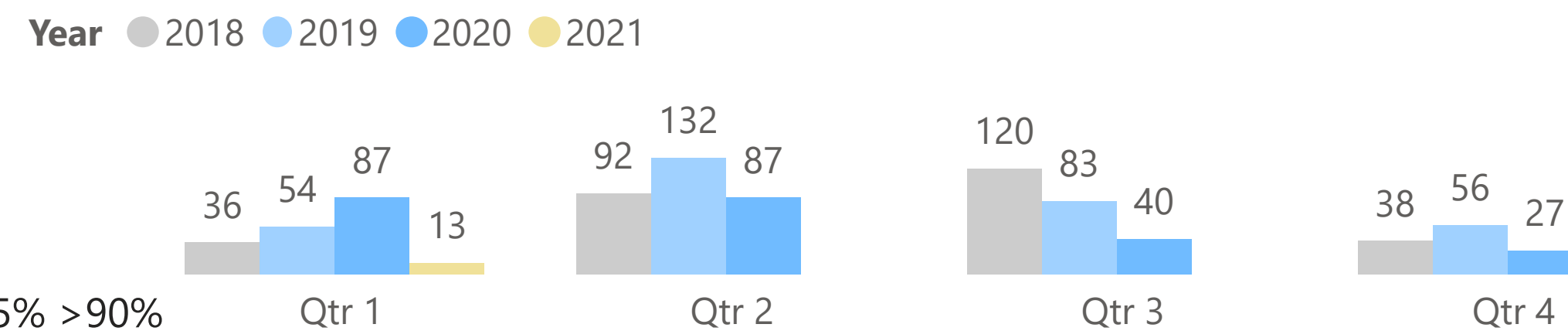


## Street Works Completion (Utility) Days overrun

**13**

Same Qtr Last Year: 87 (-74)

Excellent =100%, Good >100% <95%, Acceptable <=95% >90%

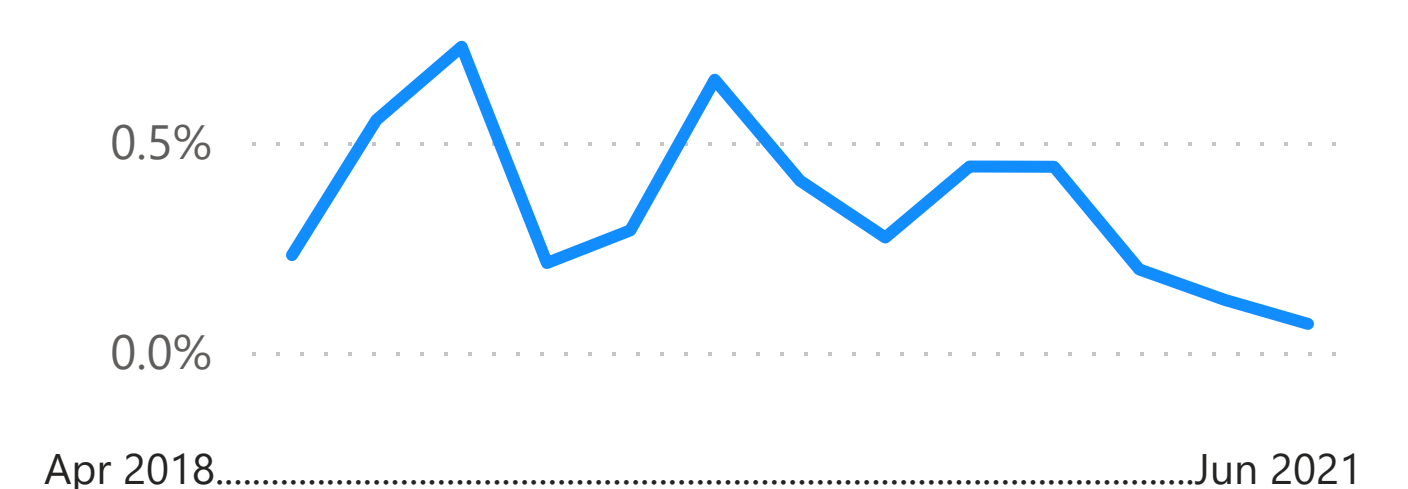
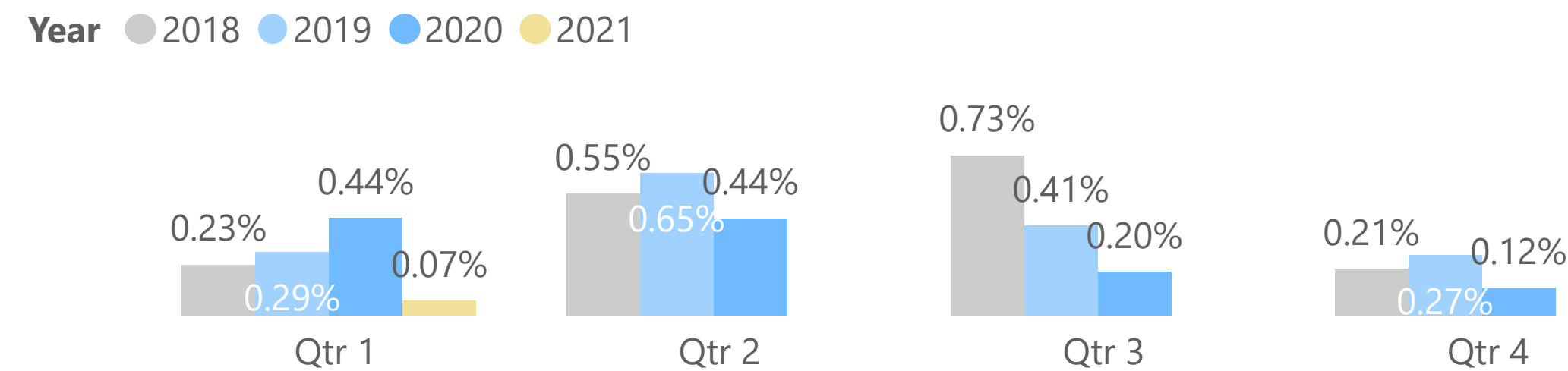


## Street Works Completion (Utility) % of days overrun

**0.07%**

Same Qtr Last Year: 0.44% (-0.37%)

Excellent =100%, Good = 99%, Acceptable <99%>95%





Provide resources which are effective in delivering highway maintenance services

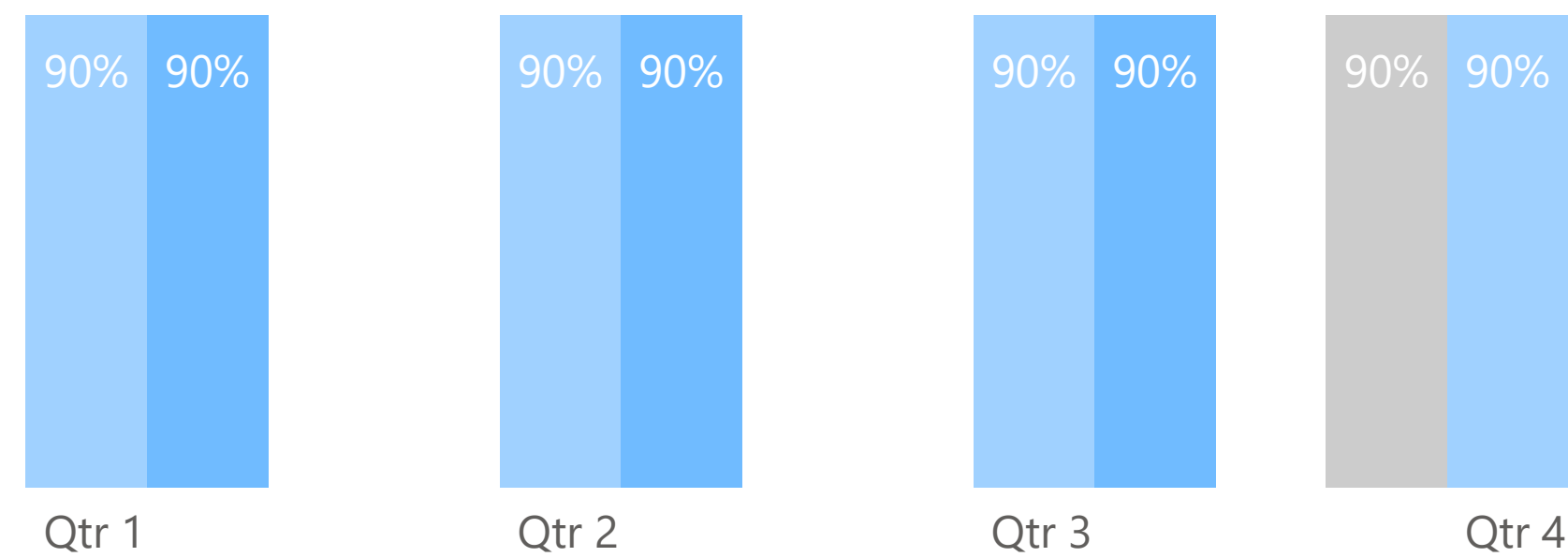
## Weighted average Performance Rating of the Council's main contractors

Year ● 2018 ● 2019 ● 2020

# 90%

Same Qtr Last Year: 90% (+0%)

Excellent >95%, Good <=95% >85%, Acceptable <=85% >75%



Provide resources which are effective in delivering highway maintenance services

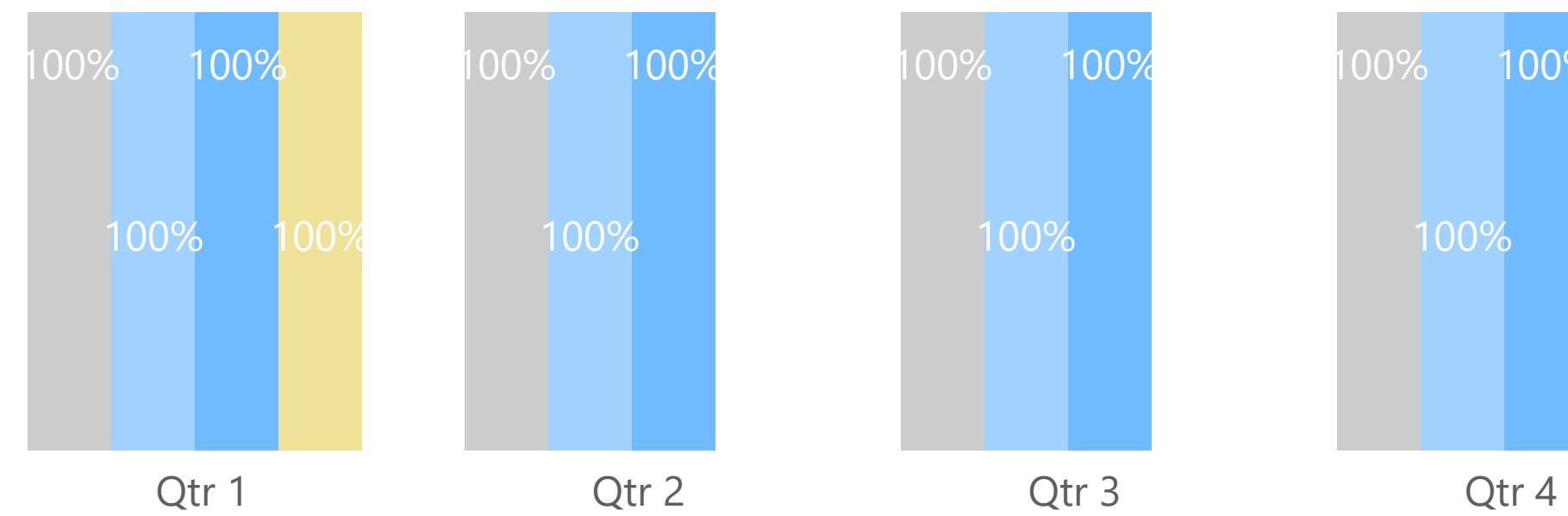
% of inspections completed as planned

Year ● 2018 ● 2019 ● 2020 ● 2021

100%

Same Qtr Last Year: 100% (+0%)

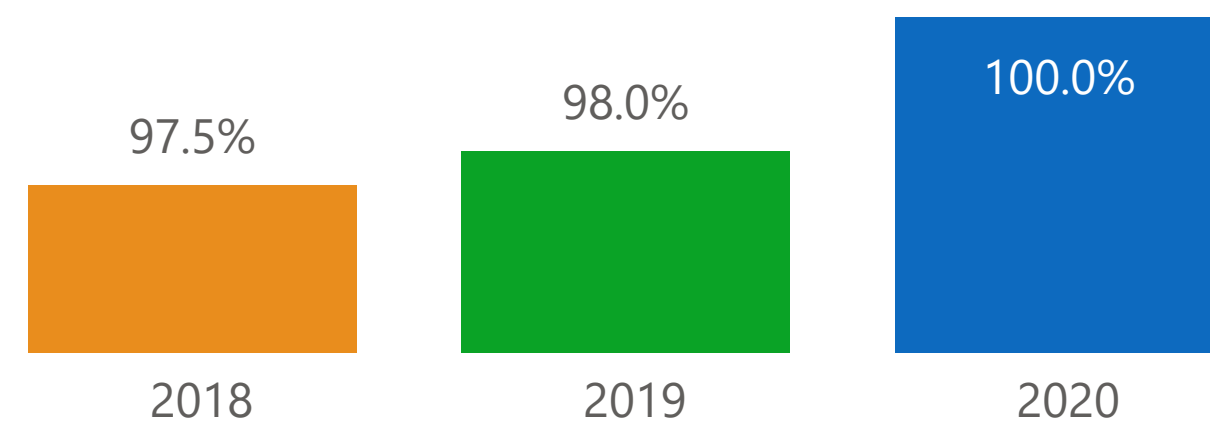
Excellent = 100%, Good > 100% < 95%, Acceptable <= 95% > 90%



Reducing legal exposure and liability for insurance claims

### Road Safety - Claims Repudiated

Higher is Better **100.0%**

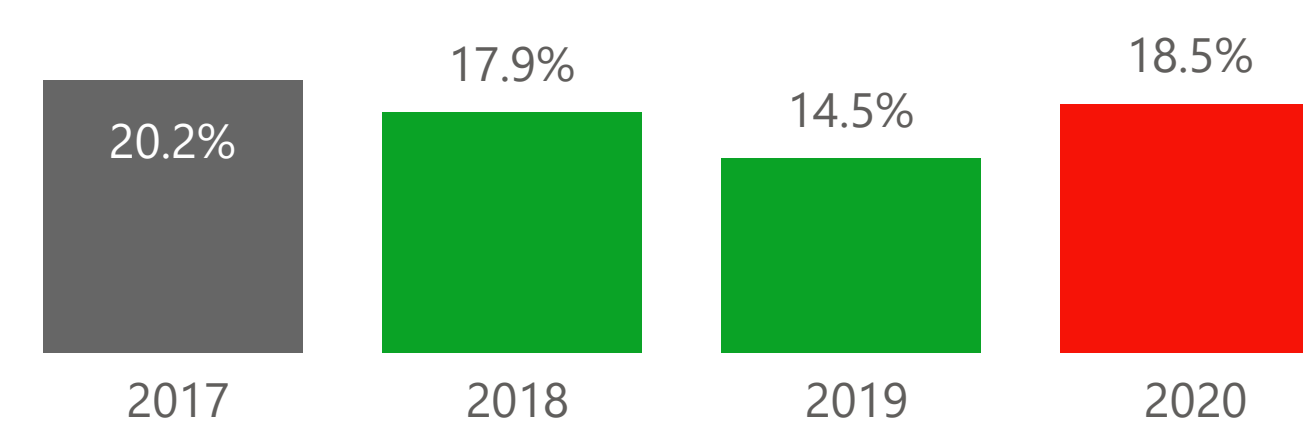


Excellent >98%, Good >=96%<=98%, Acceptable >98%<90%

Reduce the fatalities, serious and slight injuries on our roads

### Killed or Seriously Injured % of Road Casualties

Lower is Better **18.5%**



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

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

## Annual Measures

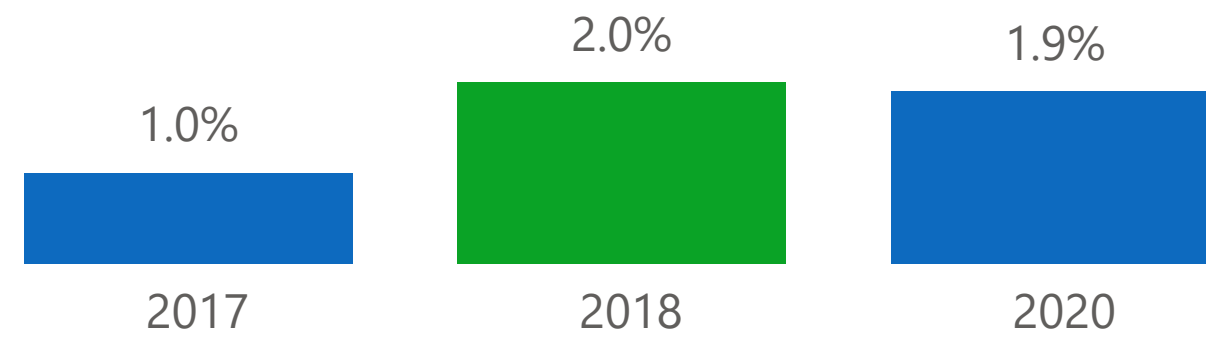
Invest in improvements in the condition of Wirral Council's highways using a robust evidence-based process

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

### A Roads poor condition

Lower is Better

# 1.9%



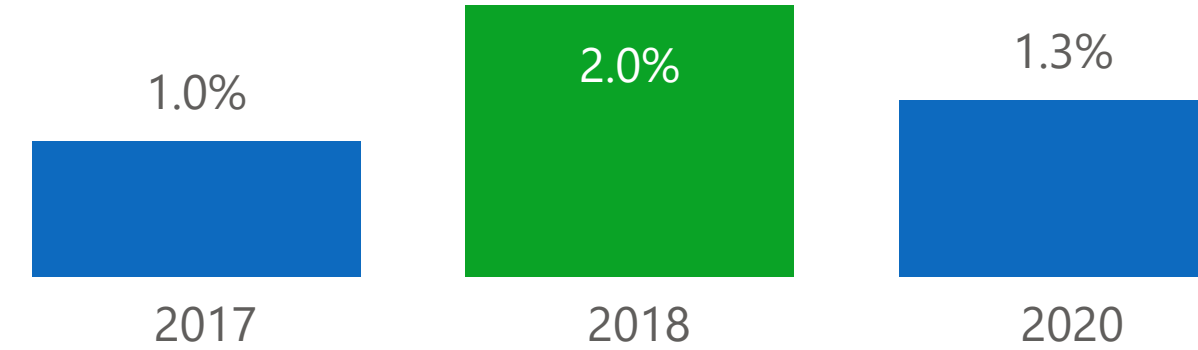
\*Excellent <2%, Good >=2% <3%, Acceptable >=3% <4% \*targets proposed by Wirral Council HIAM Board

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

### B & C Roads poor condition

Lower is Better

# 1.3%



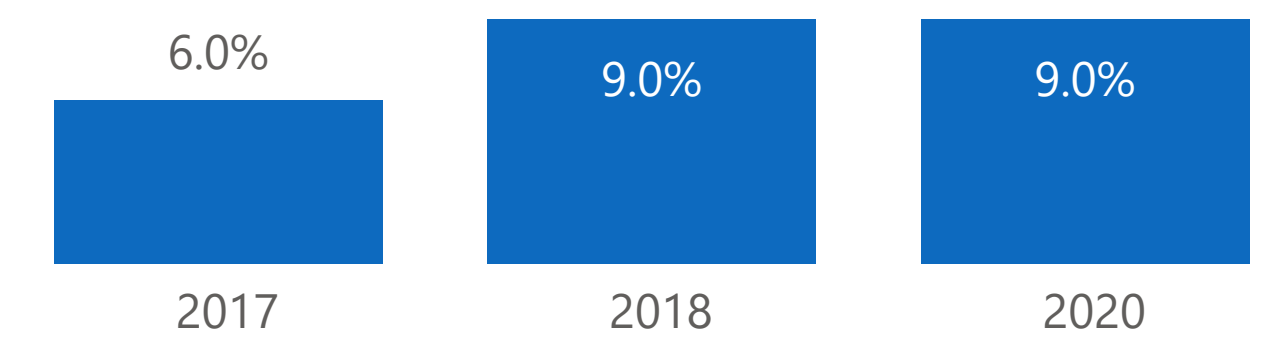
\*Excellent <2%, Good >=2% <3%, Acceptable >=3% <4% \*targets proposed by Wirral Council HIAM Board

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

### Unclassified Network poor condition

Lower is Better

# 9.0%



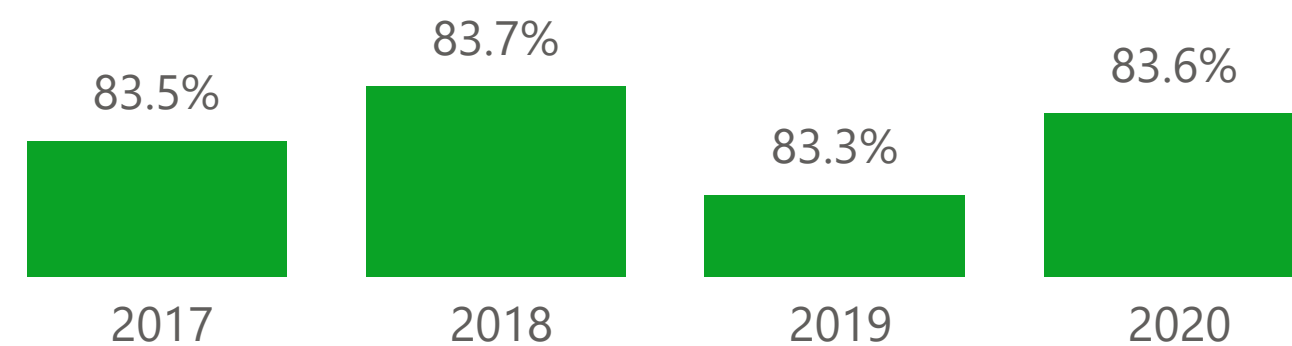
\*Excellent <10%, Good >=10% <20%, Acceptable >=20% <30% \*targets proposed by Wirral Council HIAM Board

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

### Condition bridges, structures

Higher is Better

# 83.6%

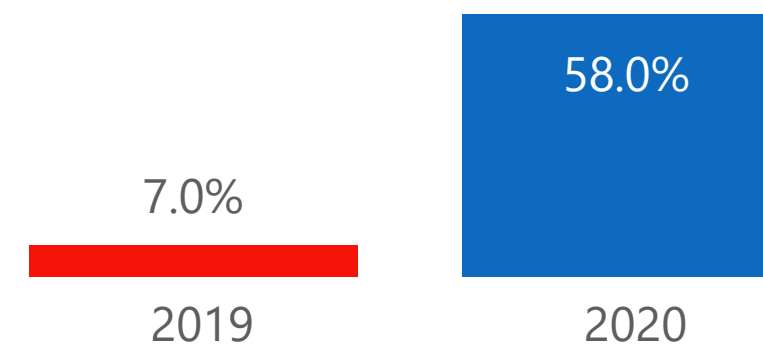


Excellent >=90%, Good <90% >=80%, Acceptable <80% >=65%

### Street light columns replaced

Higher is Better

# 58.0%



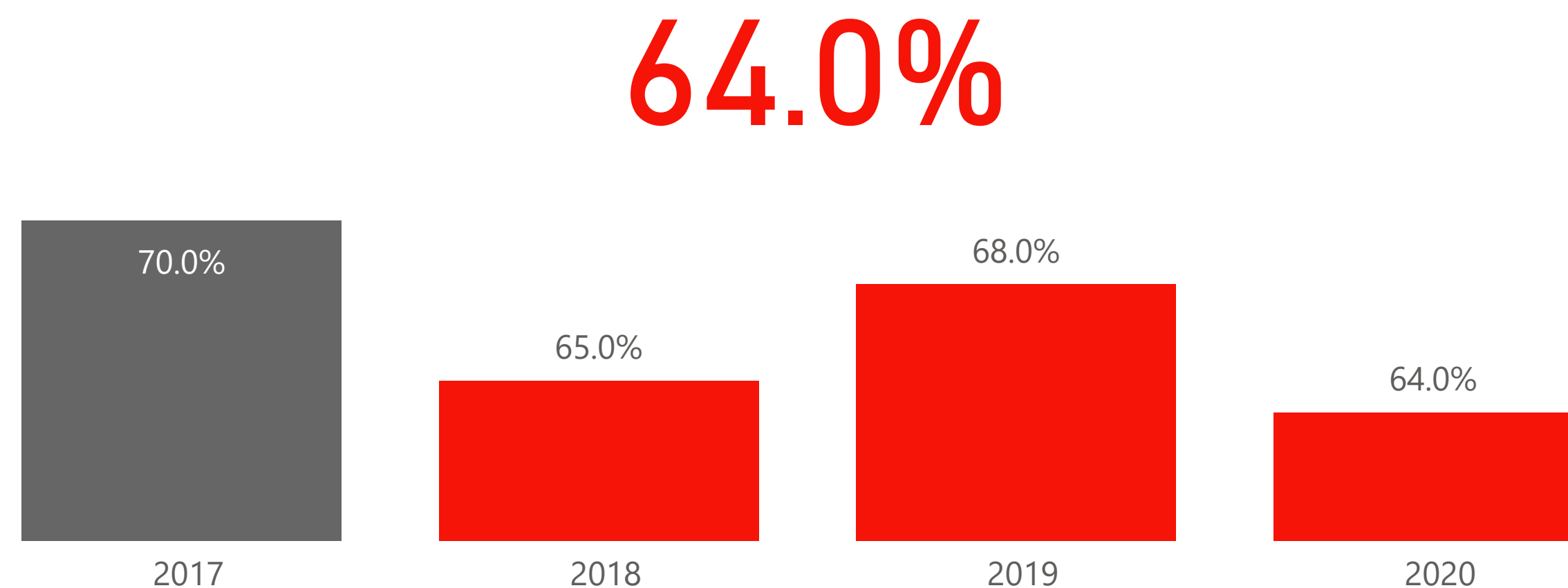
Excellent >50%, Good >=50% <30%, Acceptable >=30% >10%

**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

Barcharts 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

**% Traffic Signals with Prescribed Design Life**



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

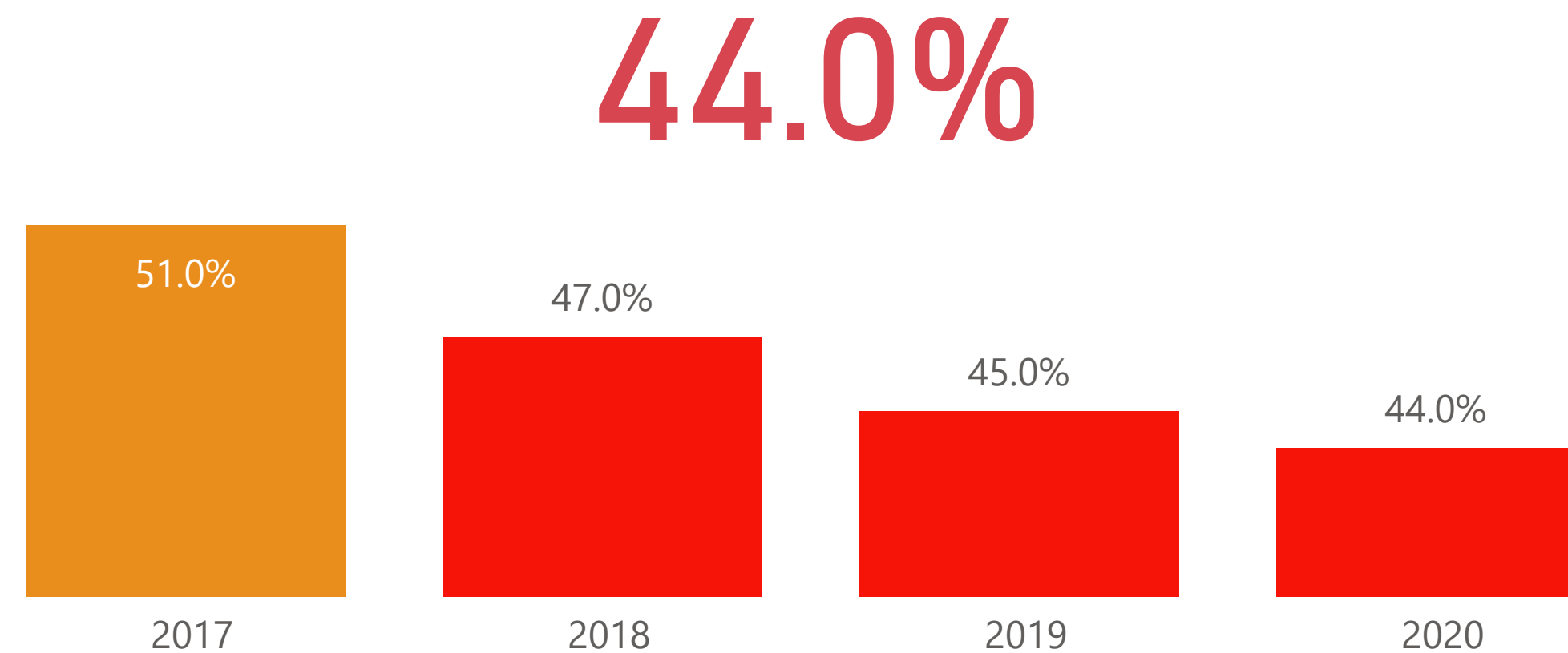


## Highways Strategic Aim - Provide a customer focused service

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

Provide a customer focused service. Satisfaction rating based on response public surveys in relation to "highways maintenance"

### Road User Satisfaction - Highway Maintenance



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

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

# People Killed and Seriously Injured on the Road (KSIs)

Data provided by Merseyside Police

KSIs 2020

105

KSIs Average 2015-19

118

There were 11% fewer KSIs during 2020 compared to the previous 5 year average (2015-19).

The difference is in the injured person's mode of transport. Car, motorcycle and pedestrian KSIs decreased whilst bicycle KSIs increased.

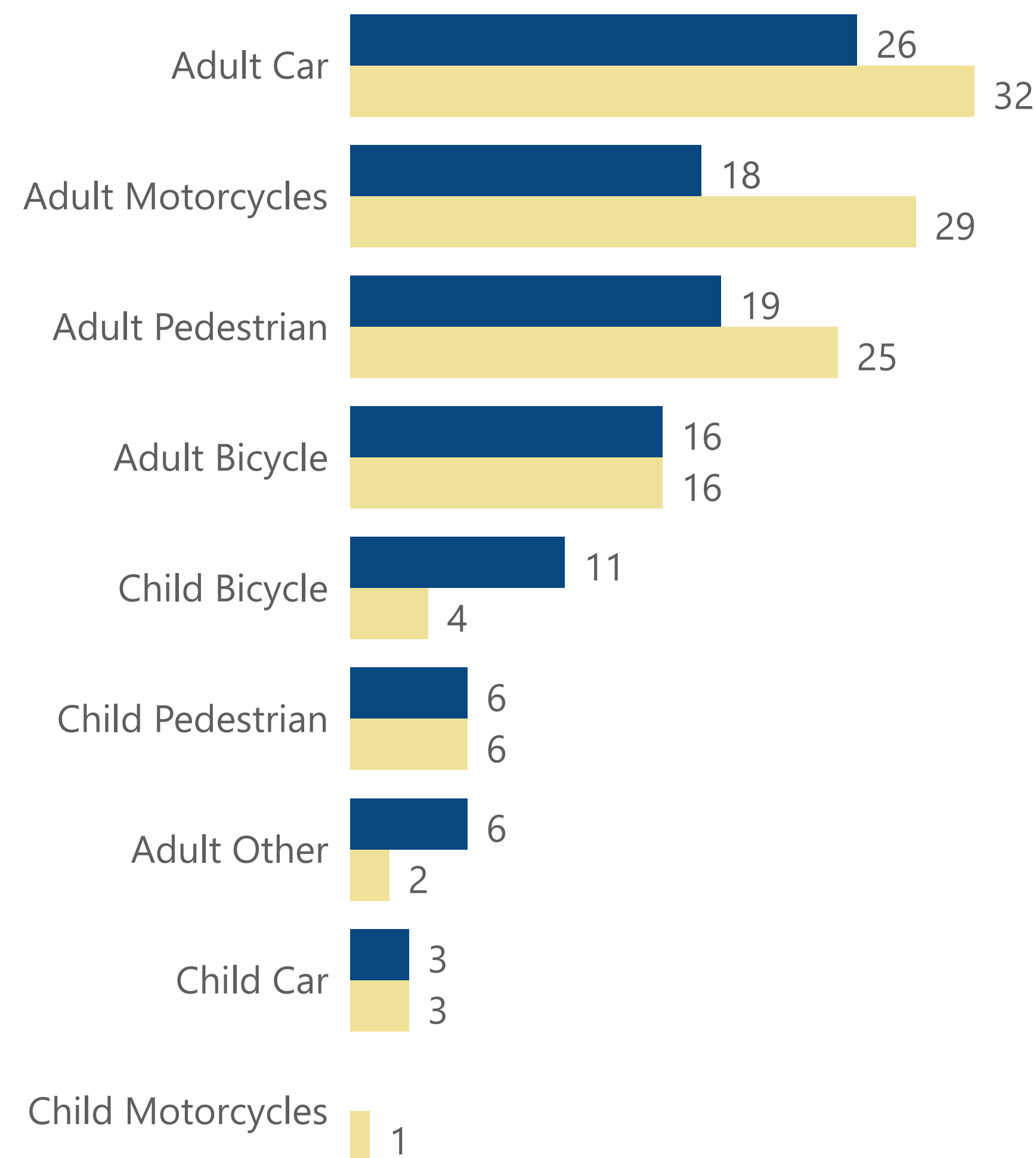
According to Gov.uk; in England, in 2020, total trip rates fell by 22% compared to 2019, with decreases seen in all modes of transport except cycling and walks over a mile.

Cycling stages per person increased by 23%.

Walking stages per person decreased by 16%, however walking stages over a mile increased by 26%.

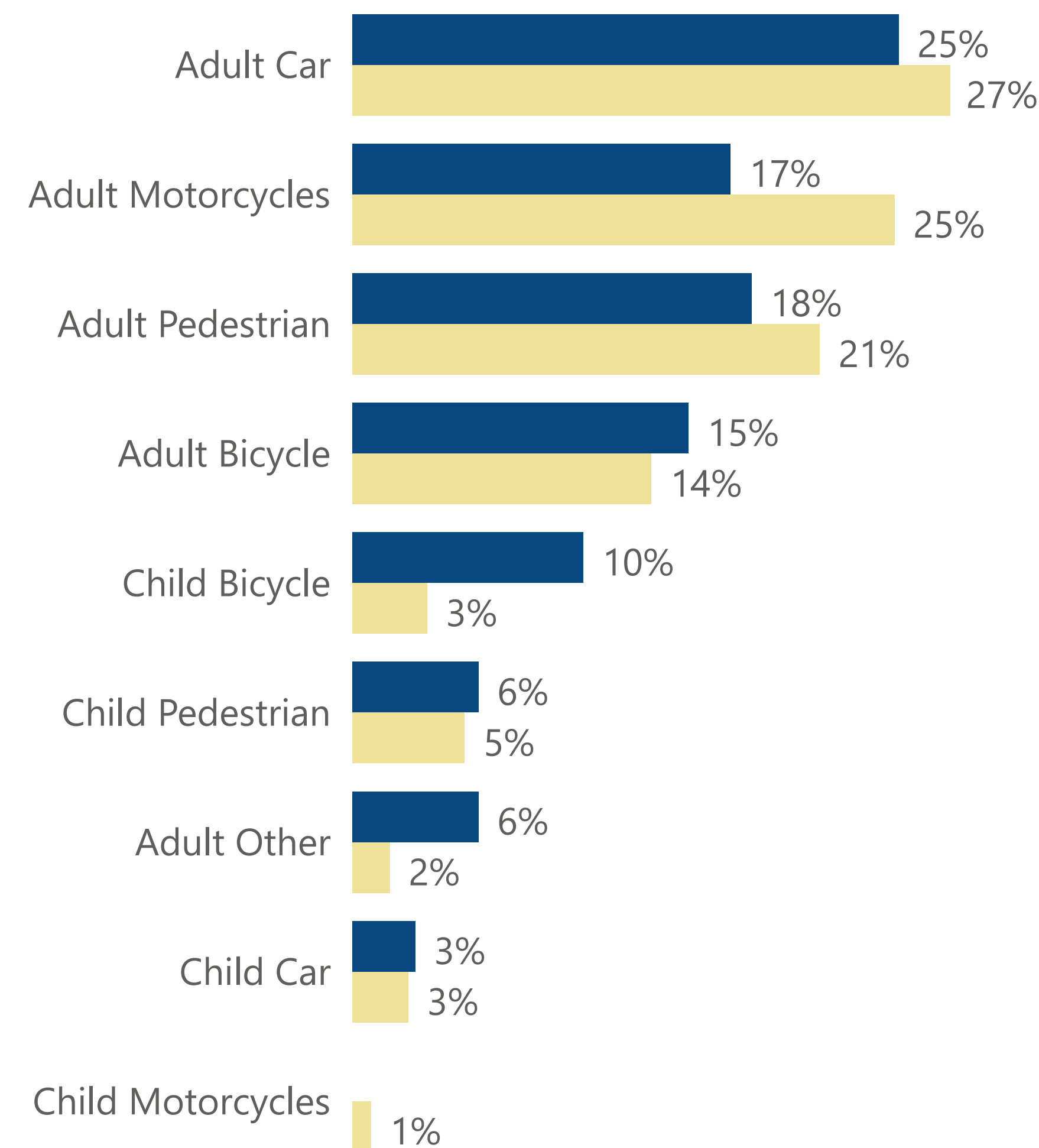
KSIs by Mode of Travel and Person Group

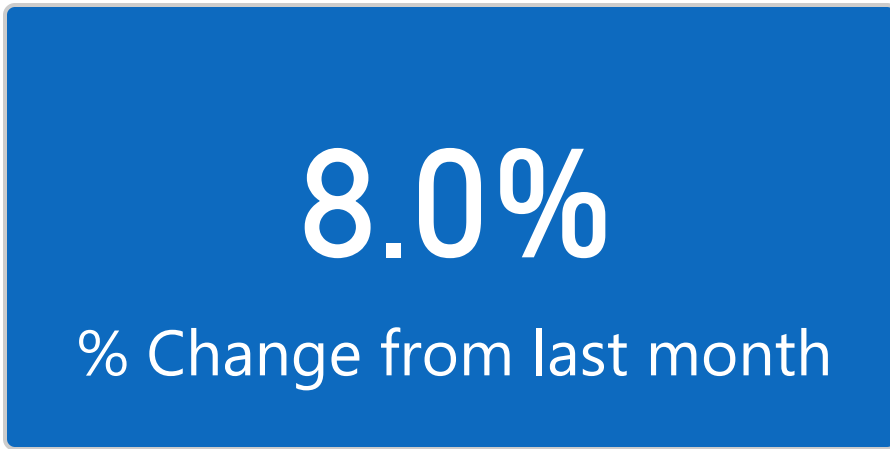
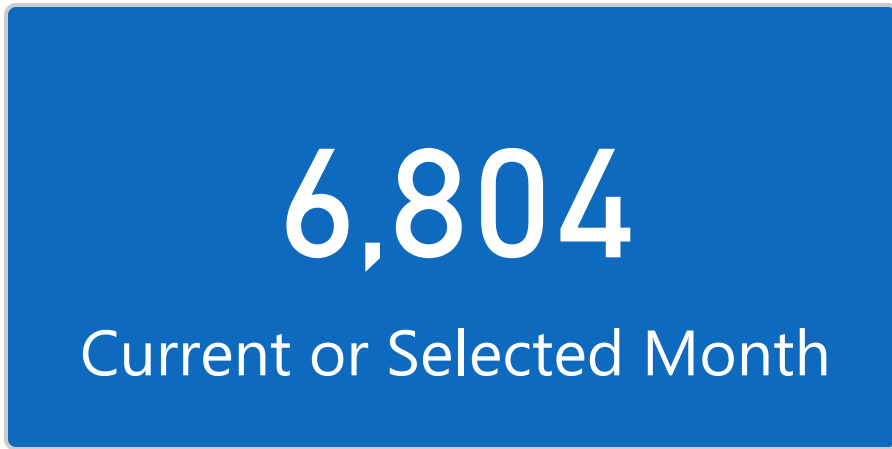
Period ● 2020 ● Average 2015-19



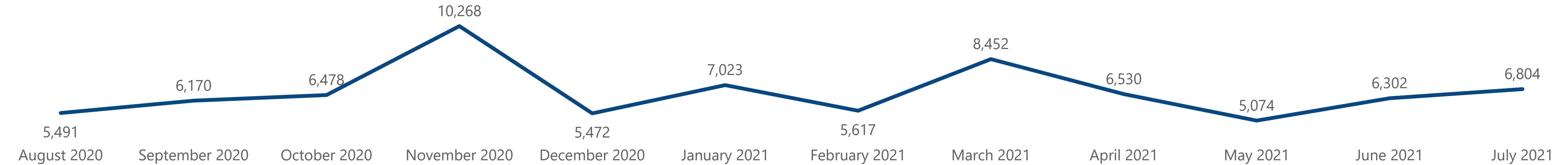
KSIs by Mode of Travel and Person Group %

Period ● 2020 ● Average 2015-19

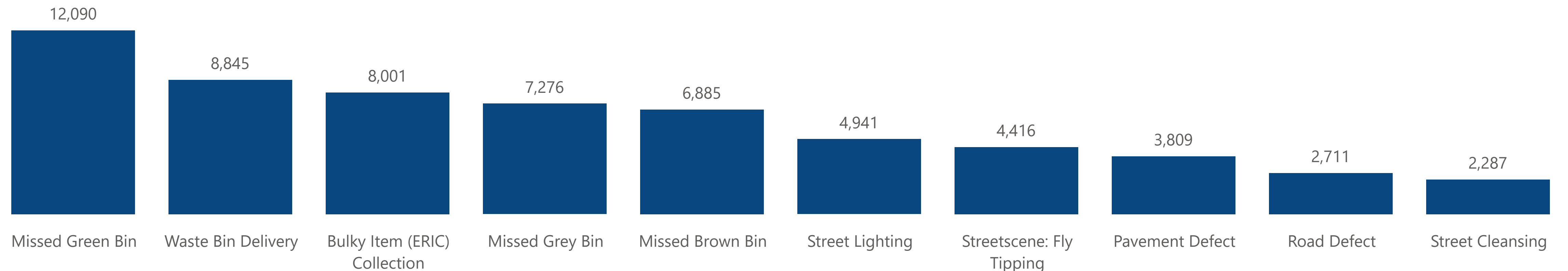




Neighbourhoods Service Requests by Date (last 12 months)



Top 10 Neighbourhoods Requests (last 12 months)



**19,796**

12 Months Requests

**1,626**

Current Month

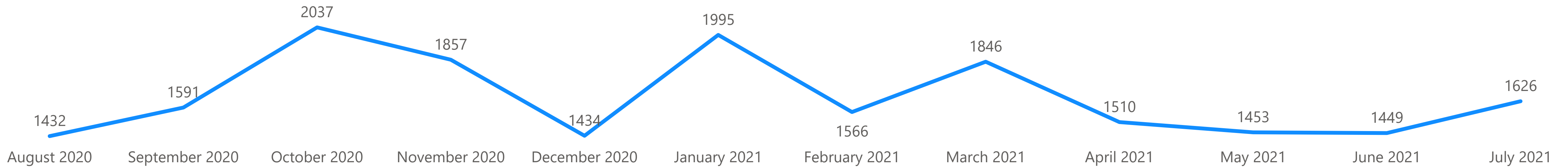
**1,449**

Previous Month

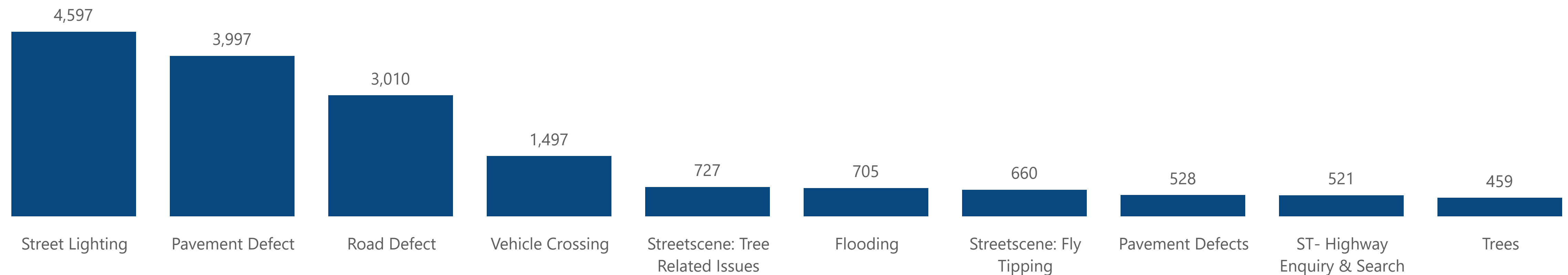
**12.2%**

% Change from Last Month

Highways Service Requests by Date (last 12 months)



Top 10 Highways Service Requests (last 12 months)



**£4.23M**  
Original Budget Agreed at Cabinet

**£9.55M**  
Current Revised Budget

**£1.22M**  
Actual Spend Year to Date

**12.73%**  
% of Budget Spent

