

POWER BI

GAINING BUSINESS INSIGHT WITH POWER BI & THE NATIONAL STREET GAZETTEER

A FEW DCC HIGHWAYS FIGURES:

12,800km (8,000 miles)

LENGTH OF HIGHWAY

£78.2m

BUDGET

275

STAFF(approx.)

100,000+

ENQUIRIES PER YEAR

100,000+

ROAD WORKS LAST YEAR



DATA USING THE NSG

Enquiries

SME
Enquiries

Call Centre
enquiries

Online
enquiries

Systems

Street
Lighting

Structures

Street
Works

Inventory

Prow

Environment
Landscaping

Actions

Claims

Defects

Inspections

Orders

Payments

BI AND THE NATIONAL STREET GAZETTEER

Topsham Road

ENQUIRY CATEGORY

- Broken Ma...
- debris/Obstr...
- Defective ...
- Flooding ...
- Hazardous ...
- Highway Cl...
- Highway C...

EXTERNAL_SYSTEM_NAME

- Email System
- WDM - CSS - HOCC
- WDM - CSS - NHO
- WDM - ELM System
- WDM - LMS System
- WDM - RMS System

Year

- 2015
- 2016
- 2017
- 2018

Count of ENQUIRY REFERENCE by ENQUIRY_CATEGORY_NAME

Category	Count
Traffic Lights	15
Pothole	11
Debris/Obstruction	9
Overgrown Vegetation	8
Broken Manhole C...	7
Streetlight	6
Defective Road Ma...	5
Flooding & Blocke...	5
Highway Claim	4
Hazardous Trees	3
Trip Hazard	3
Licences & Permits	2
Lt Signs & Lt Bolla...	2
Highway Maintenance	1
Highway Maintenance	1
Highway Vegetatio...	1
Parking Enforcement	1
Traffic Comments	1

Default

MSG Carriageway Type

- Select all
- Bus Lane & SCway
- Cycle Track & SCway
- Charter & pedestrian - separate
- DUAL 1-LANE
- DUAL 2-LANE
- DUAL 3-LANE
- Misc Carriageway
- ONEWAY 1-LANE CARRIAGEWAY
- ONEWAY 3-LANE CARRIAGEWAY
- Pedestrian only
- Intermediate Laney
- ROUNDABOUT (1-LANE)
- ROUNDABOUT (2-LANE)

PMS Carriageway Type

- Select all
- 2 Cycle Tracks & SCway
- Bus Lane & Pedestrian only
- Bus Lane & SCway
- Bus Only
- Buses
- Cycle Track & 3 Cway 2 lane
- Cycle Track & 3 Cway 3 lane
- Charter & SCway
- Cyclist only
- DUAL 1-LANE
- DUAL 2-LANE
- DUAL 3-LANE
- DUAL 4-LANE
- FOOTWAY

Class

- Select all
- A Class
- B Class
- C Class
- D Class
- E Class
- F Class
- G Class
- H Class
- I Class
- J Class
- K Class
- L Class
- M Class
- N Class
- P Class
- Q Class
- R Class
- S Class
- T Class

14.061.60K
Total PMS Length

7.030.80K
Half PMS Length Filtered

14.061.60K
PMS Length filtered

3.652.29K
Half MSG Length filtered

7305K
MSG Length filtered

MARKINGS SIGNS

- HAZARDOUS TREES
- TRIP HAZARD
- BROKEN MANHOLE
- ICE
- BRIDGE
- TRAFFIC LIGHTS
- ALL ENQUIRIES

Count of INSTRUCTION REFERENCE by Month

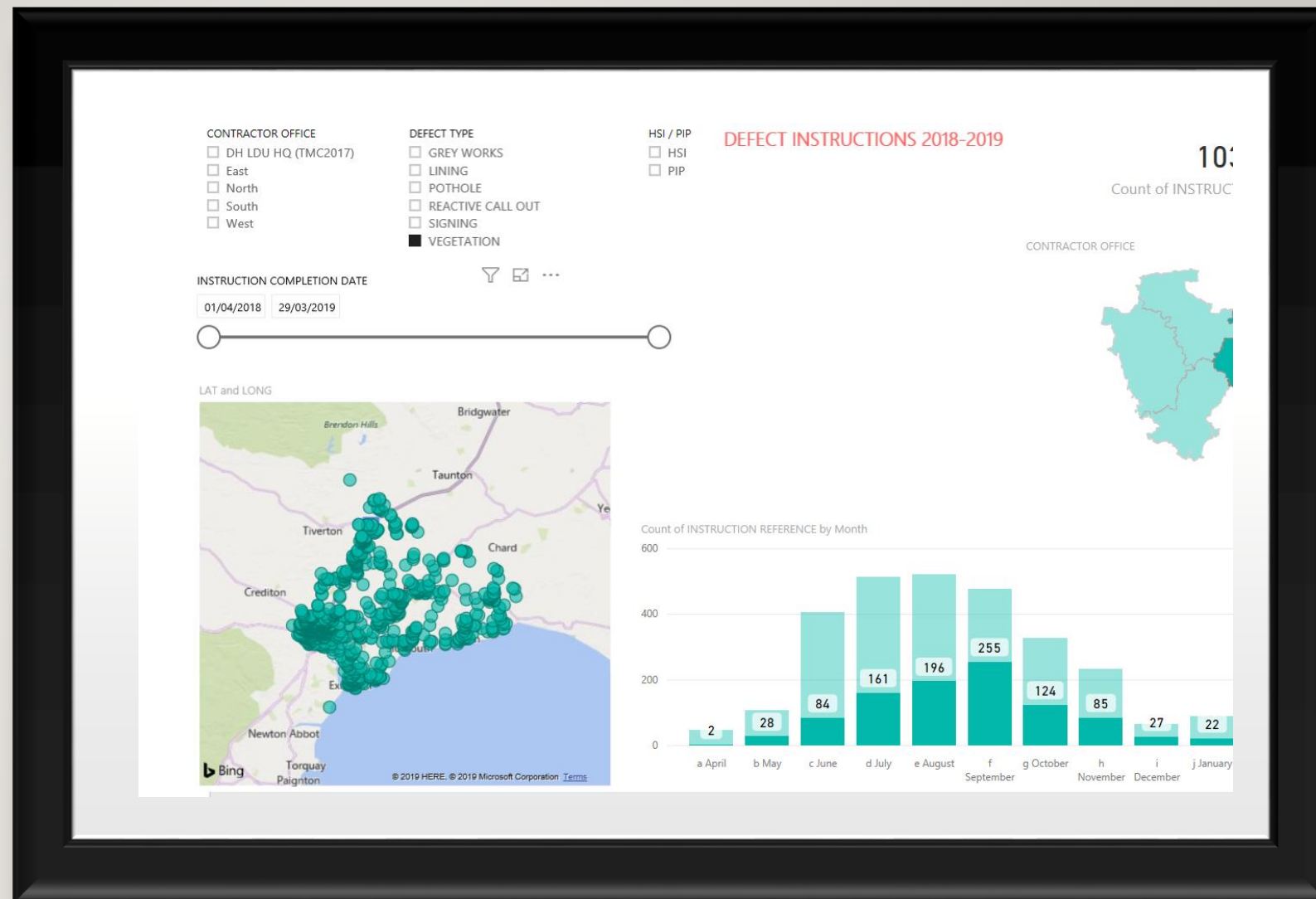
Month	Count
a April	6.5K
b May	11.9K
c June	9.7K
d July	8.7K
e August	8.2K
f September	7.1K
g October	6.4K
h November	5.8K
i December	4.6K
j January	9.1K
k February	8.5K
l March	8.2K

EXAMPLE OF SIMPLIFIED NAVIGATION

USING BUTTONS TO FILTER REPORTS



SIMPLE TO CREATE
REPORTS THAT
PROVIDE USEFUL
INFORMATION



PROVIDE INSIGHT
ACCORDING TO
USERS FILTERING
DECISIONS

The **number of Potholes enquiries** on the street **Topsham Road** this year is **100**.

This is **higher** than the average for other **B** class roads of a similar length (**50**) by **100 percent**.

As this is **over** the 25 percent increase tolerance, **this should potentially be investigated**.