

IPV & Incursion Working Group Report – March 2024

Nick Nandhra

Project Manager - Major Projects Customer Service and Stakeholder Division

Rev 0 – 03/04/2024

Data Source: HART [WD2]

Incursions Report - Headline

To date, the total number of incursions recorded since October 2017 is **15637**

Kind of Event	Directorate				
	Major Projects	Operations	Outstations & ROCs	NH Offices & Depots	Grand Total
Incursion; Intentional - To seek benefit	903	2316	604	65	3888
Incursion; Intentional – Because of breakdown	4409	442	143	3	4997
Incursion; Intentional – To seek information	61	95	29	5	190
Incursion; Intentional - Breach of Rolling Road Block (TOS)	4	24	876	8	912
Incursion; Unintentional - Driver confused	1000	722	279	41	2042
Incursion; Unintentional - Follow in	174	221	16	3	414
Incursion; Unintentional - Result of accident	327	204	69	5	605
Incursions; Intentional - Blue Light Incursion	68	88	1	2	159
IPV Strike	18	64	12	0	94
Incursion to seek information or benefit	233	1085	174	18	1510
Incursion unintentional - confused or follow in	181	429	210	6	826
Grand Total	7378	5690	2413	156	15637

Kind of Event	By Year (Jan – Dec)						
	Previous Years	2019	2020	2021	2022	2023	2024
Number of All Incursions recorded	2662	2055 (+9.7%)	2313 (+12.6%)	3937 (+70.2%)	1808 (-54.1%)	2148 (prov)	714

Incursions Report - Headline

246 Incursions were recorded for March 2024

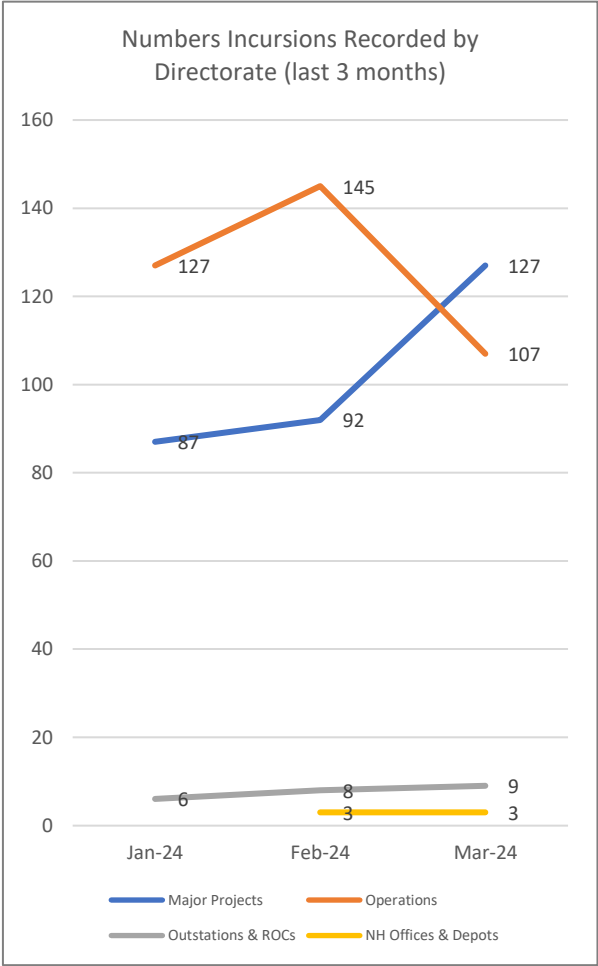
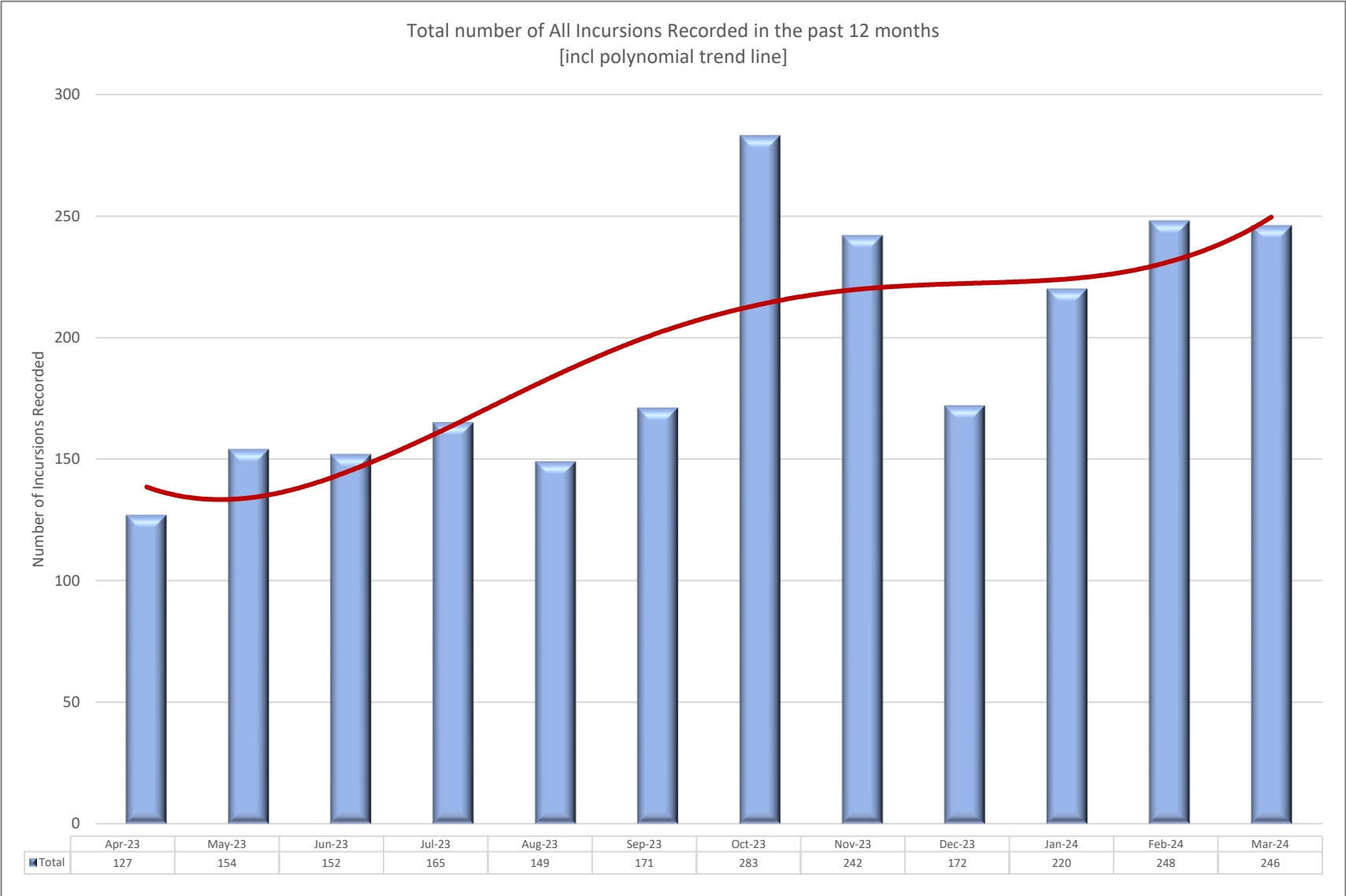
Kind of Event	Directorate				Grand Total
	Major Projects	Operations	Outstations & ROCs	NH Offices & Depots	
Incursion; Intentional - To seek benefit	26	64	3	3	96
Incursion; Intentional – Because of breakdown	57	8			65
Incursion; Intentional – To seek information		1			1
Incursion; Intentional - Breach of Rolling Road Block (TOS)			2		2
Incursion; Unintentional - Driver confused	30	21	3		54
Incursion; Unintentional - Follow in	5	8			13
Incursion; Unintentional - Result of accident	4	2			6
Incursions; Intentional - Blue Light Incursion	5	3			8
IPV Strike			1		1
Grand Total	127	107	9	3	246

Incursions Report - Headline

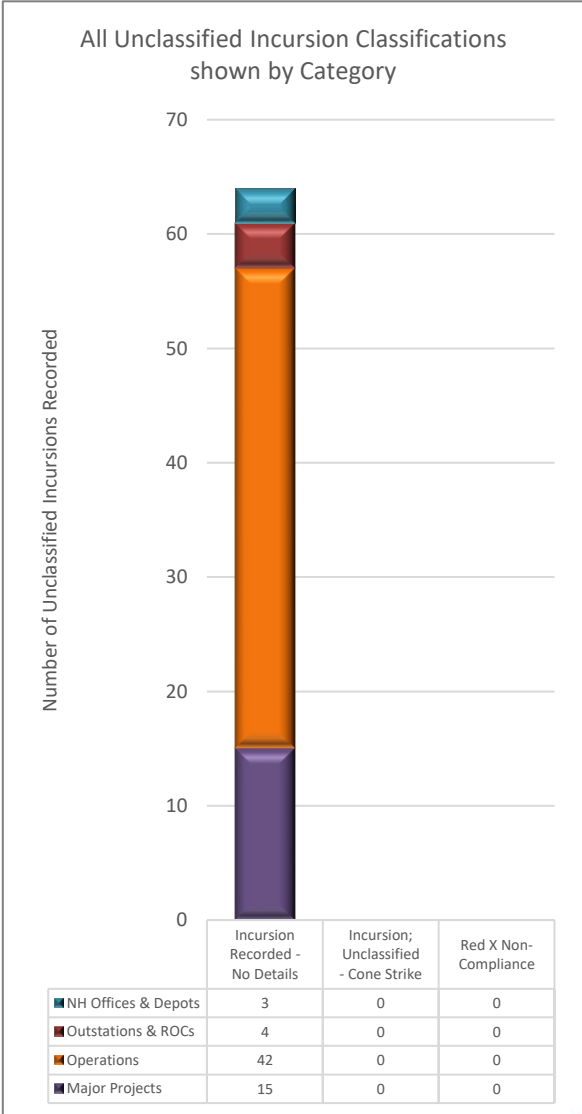
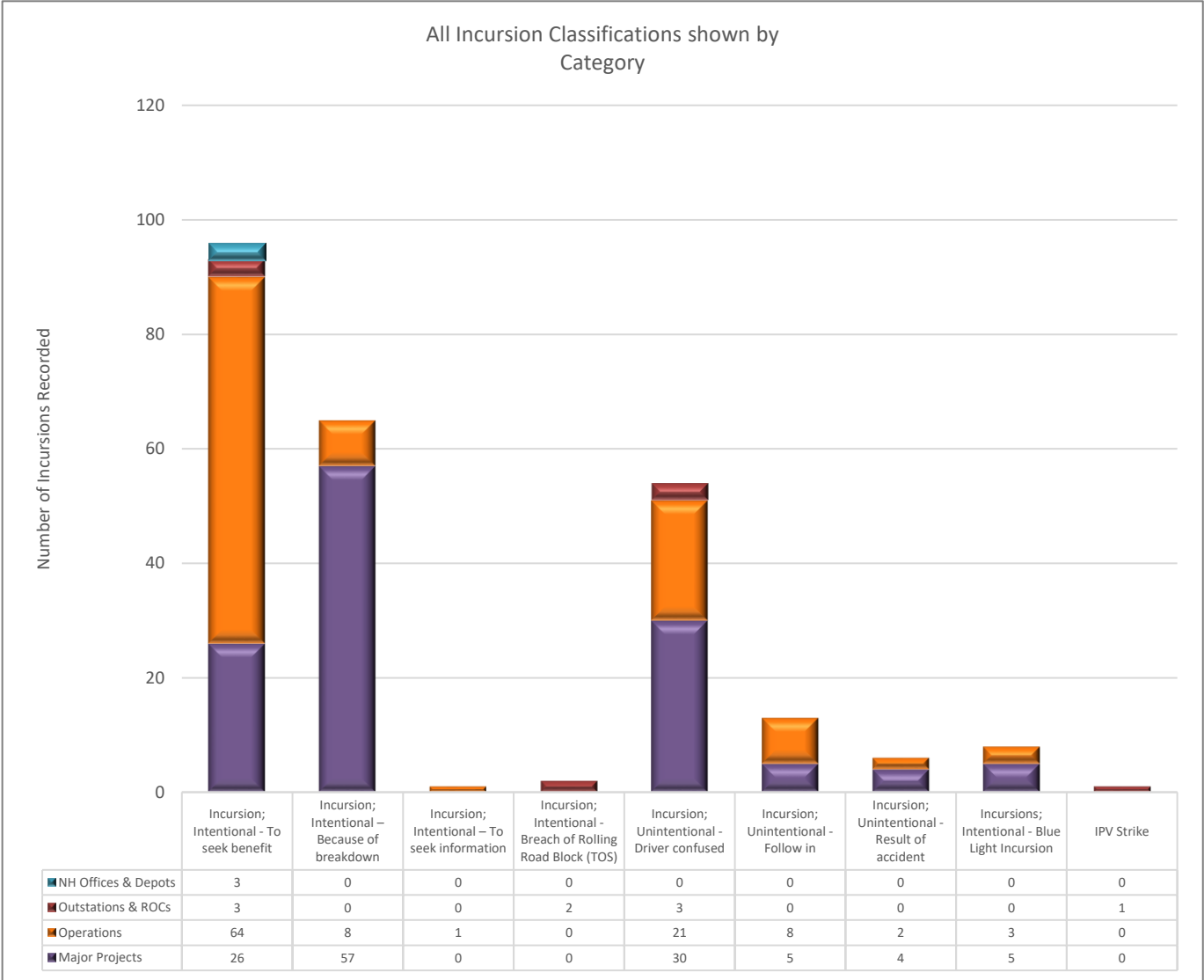
Table shows the average number of incursions recorded by directorate and type over the past 12-month period as incursions per month (I/m)

Incursion Category	Directorate			Comments
	Major Projects	Operations	Outstations & ROCs	
Incursion; Intentional - To seek benefit	17.67 (↑) [1.59 I/m]	55.00 (↓) [-1.25 I/m]	4.42 (↑) [0.17 I/m]	In month, Ops has seen a decrease of 1.25 I/m from the previous month; a 56% increase has been recorded over the past rolling 12-month period
Incursion; Intentional – To seek information	1.08 (↑) [0.00 I/m]	1.58 (↑) [0.25 I/m]	0.00 (=) [0.00 I/m]	In month, Ops has seen an increase of 1.58 I/m from the previous month; a 73% increase has been recorded over the past rolling 12-month period
Incursion; Intentional – Because of breakdown	35.17 (↑) [1.09 I/m]	8.83 (↑) [1.00 I/m]	0.42 (↓) [-0.16 I/m]	In month, MP has seen an increase of 1.09 I/m from the previous month; a 15% decrease has been recorded over the past 12-month period
Incursion; Intentional - Breach of Rolling Road Block (TOS)	0.00 (=) [0.00 I/m]	0.17 (↓) [0.00 I/m]	0.92 (↑) [0.17 I/m]	In month there has been an increase of 0.92 I/m from the previous month; a 22% decrease has been recorded over the past 12-month period
Incursion; Unintentional - Driver confused	19.67 (↑) [1.17 I/m]	16.33 (↑) [1.08 I/m]	1.75 (↑) [0.25 I/m]	In month, MP has seen an increase of 1.17 I/m from the previous month; a 58% increase has been recorded over the past 12-month period
Incursion; Unintentional - Follow in	4.00 (↑) [0.25 I/m]	5.92 (↑) [0.42 I/m]	0.00 (=) [0.00 I/m]	In month, Ops has seen an increase of 0.42 I/m from the previous month; a 145% increase has been recorded over the past rolling 12-month period
Incursion; Unintentional - Result of accident	6.00 (↓) [-0.25 I/m]	4.42 (↑) [0.17 I/m]	0.17 (↓) [0.00 I/m]	In month, Ops has seen a decrease of 0.25 I/m from the previous month; a 106% increase has been recorded over the past 12-month period
IPV Strike	0.00 (↓) [-0.08 I/m]	1.42 (↓) [-0.25 I/m]	0.33 (↑) [0.08 I/m]	In month, Ops has seen a decrease of 1.42 I/m from the previous month; a 6% decrease has been recorded over the past 12-month period
Incursions; Intentional – Blue Light Incursion	3.08 (↑) [0.50 I/m]	4.33 (↑) [0.00 I/m]	0.08 (↑) [0.00 I/m]	In month, Ops has seen an increase of 0.01 I/m from the previous month; a 58% increase has been recorded over the past rolling 12-month period

Incursions Report – All Incursions



Incursions Report – All Incursions during March 24



Top incursions categories for this month (across all directorates):

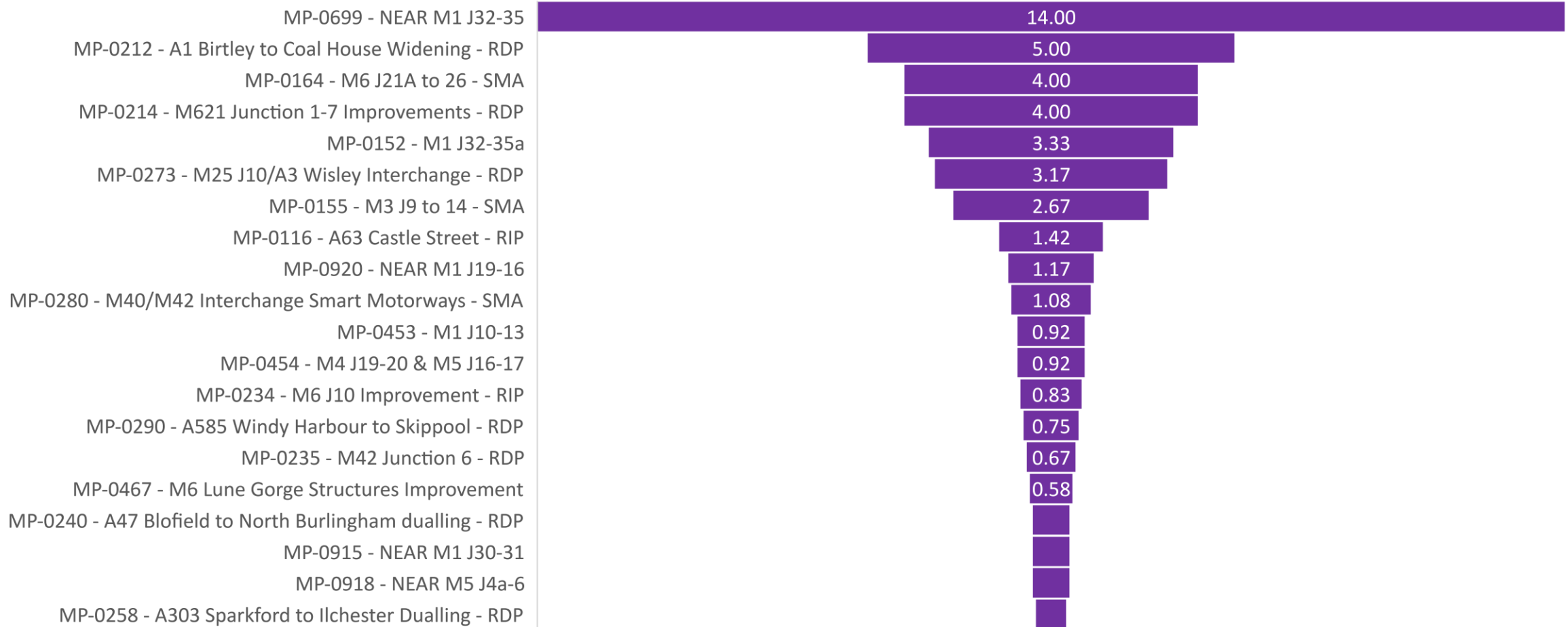
1. Incursion; Intentional - To seek benefit [96]
2. Incursion; Unintentional - Driver confused [54]
3. Incursion; Unintentional - Follow in [13]
4. Incursions; Intentional - Blue Light Incursion [8]
5. Incursion; Unintentional - Result of accident [6]
6. Incursion; Intentional - Breach of Rolling Road Block (TOS) [2]
7. Incursion; Intentional – To seek information [1]
8. IPV Strike [1]

Note - Incursion; Intentional – Because of breakdown [65]



Incursions Report for Major Projects

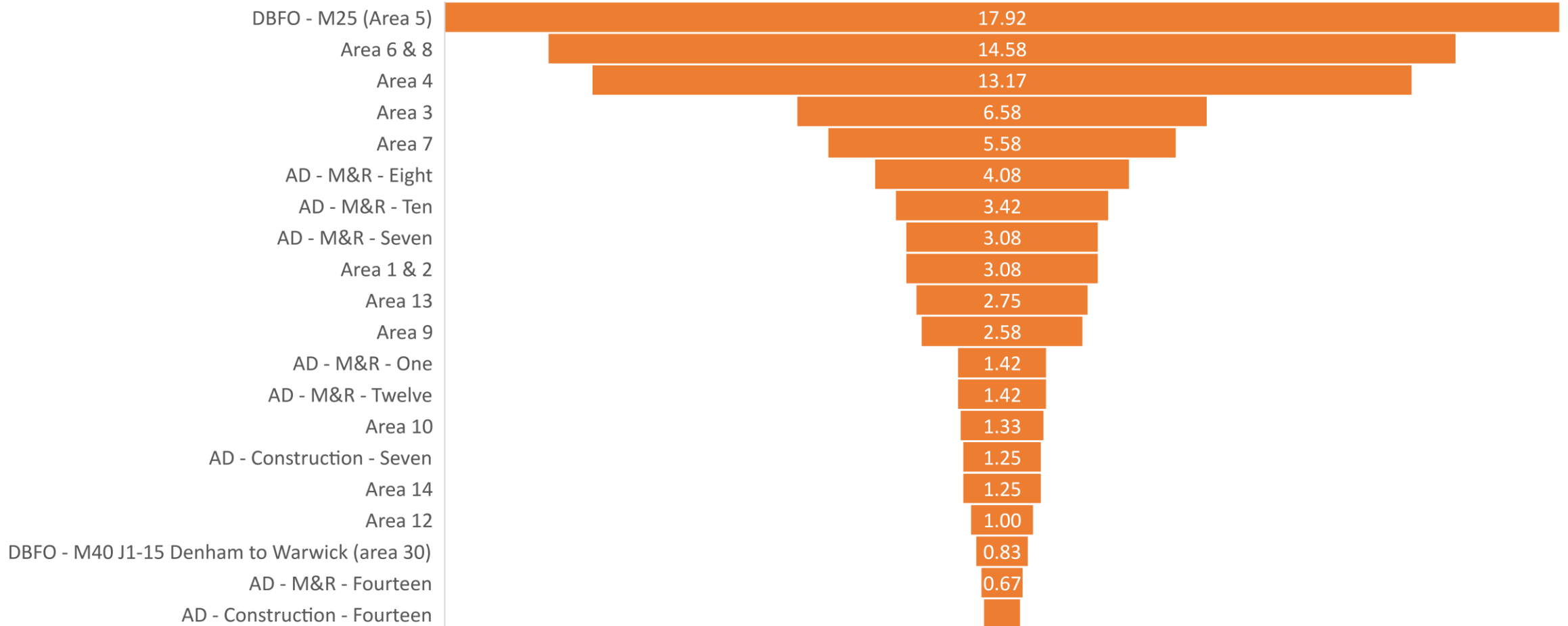
12 month rolling average of the number of all 'Incursions per Month'*



- Excluding incursions as a result of breakdown
- Duplicate scheme names are as a result of the change from Airsweb to HART

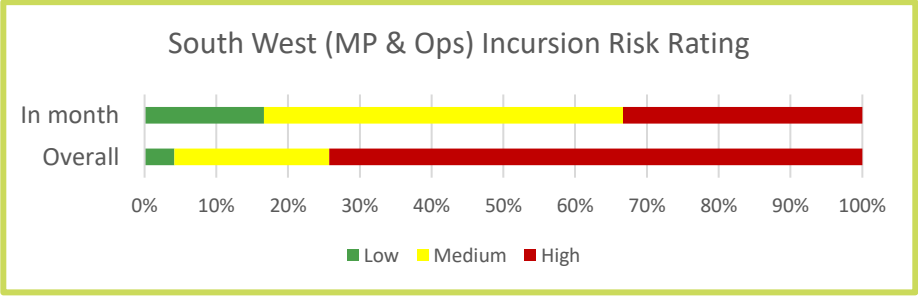
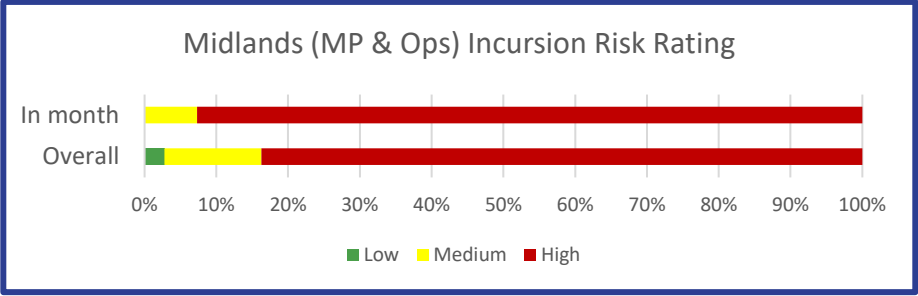
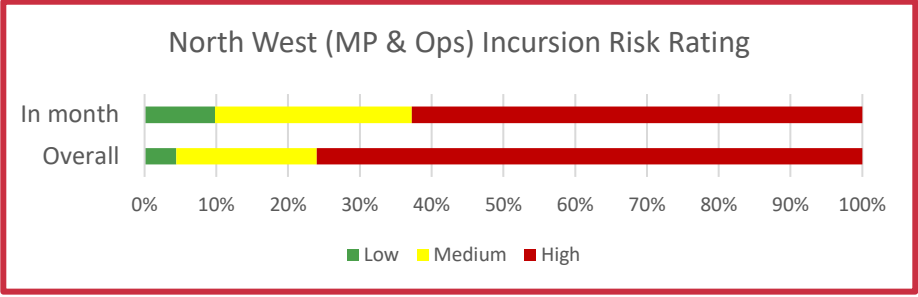
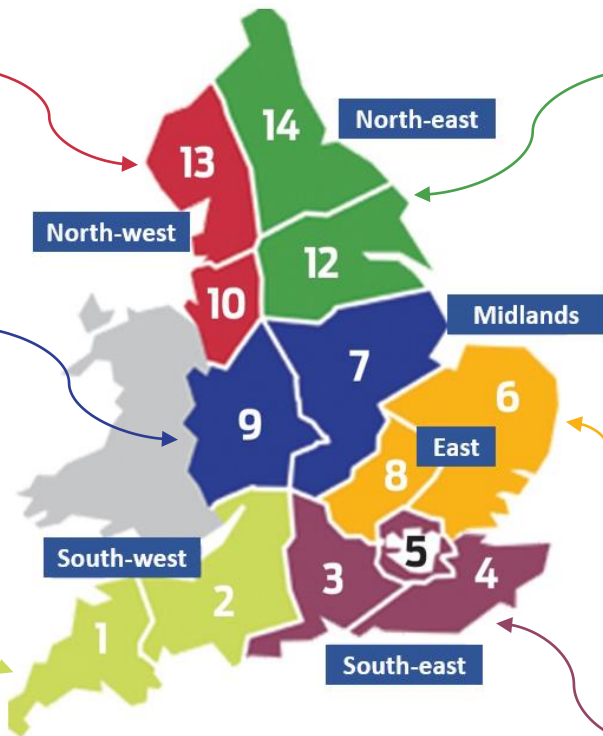
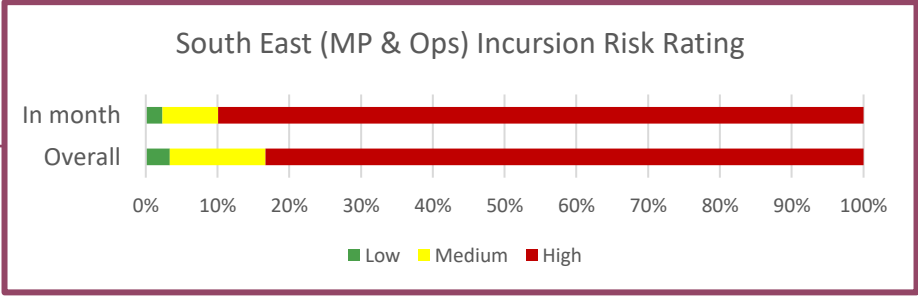
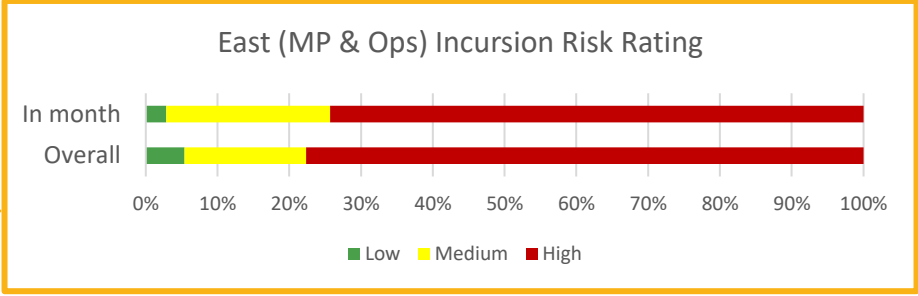
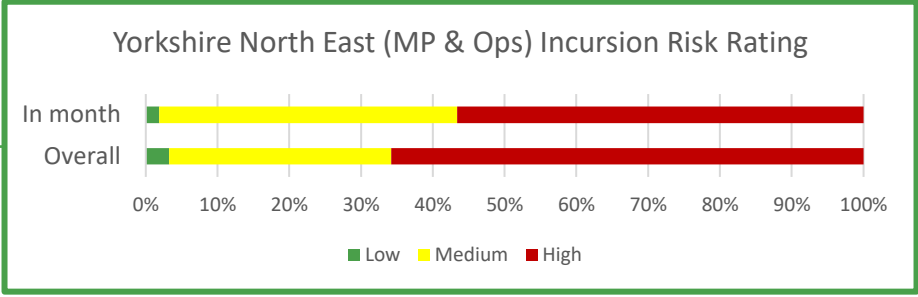
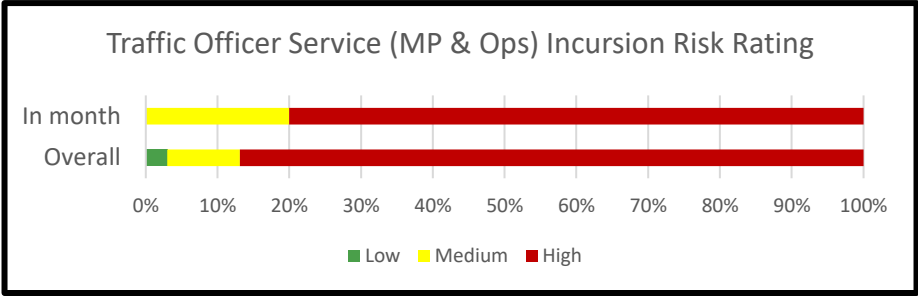
Incursions Report for Operations Directorate

12 month rolling average of the number of all 'Incursions per Month'*



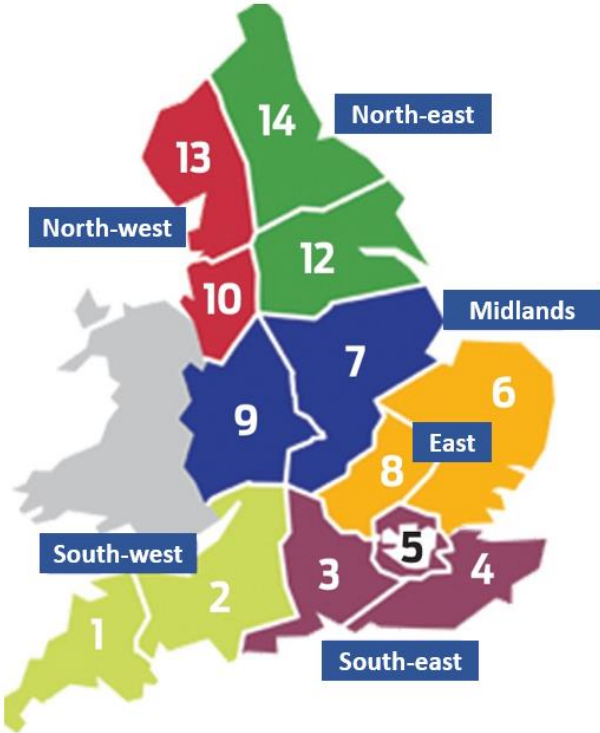
* Excluding incursions as a result of breakdown

Incursions Report by Regional Risk



Incursions Report by Region & Risk

Rolling 6 Month totals of All Incursion <i>as recorded by Regions & ranked in order</i>	Number of Incursions		Total
	Major Projects	Operations	
Yorkshire & North East	461	36	497
South East	34	293	327
Midlands	116	85	201
East	25	133	158
North West	53	75	128
South West	6	39	45



All Incursions (from 2017 to current)

Incursion Risk Ratings for all incursions recorded and in month



March 2024

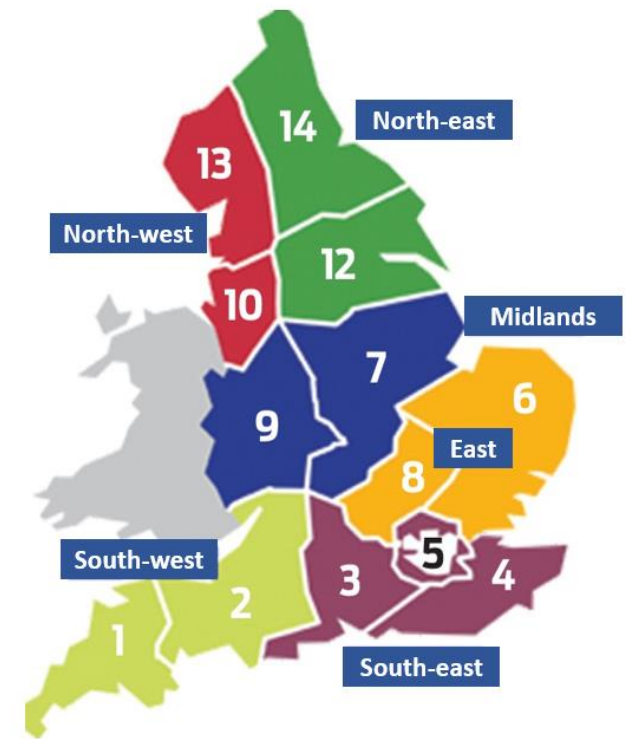


0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

Low Medium High

Incursions Report by Region & Category

Rolling 6 Month totals of All Incursion <i>as recorded by Regions & ranked in order</i>	Number of Incursions		Total
	Major Projects	Operations	
Yorkshire & North East	461	36	497
South East	34	293	327
Midlands	116	85	201
East	25	133	158
North West	53	75	128
South West	6	39	45



In Month Incursion Figures by Region and by Incursion Type	Incursion Categories																			Totals		
	Seek Benefit		Seek Information		Breach of Rolling Roadblock (TOS)		Driver confused		Follow-In		Result of accident		IPV Strike		Blue Light Incursion		Because of Breakdown					
	MP	Ops	MP	Ops	MP	Ops	MP	Ops	MP	Ops	MP	Ops	MP	Ops	MP	Ops	MP	Ops	MP	Ops	MP	Ops
Midlands	17	18	0	0	0	0	1	5	0	0	3	0	0	0	0	0	0	23	1	44	24	68
Yorkshire & North East	5	7	0	0	0	0	22	0	2	0	1	0	0	0	2	0	27	0	59	7	66	
South East	2	23	0	1	0	0	4	1	1	1	0	1	0	0	2	1	2	4	11	32	43	
North West	0	6	0	0	0	0	2	5	0	5	0	1	0	0	0	1	5	2	7	20	27	
East	2	10	0	0	0	0	1	7	0	2	0	0	0	0	1	0	0	1	4	20	24	
South West	0	0	0	0	0	0	0	3	2	0	0	0	0	0	0	1	0	0	0	2	4	6

Blue Light Incursions Report - Headline

159 Blue Light Incursions have been recorded since March 2022 with **8** being recorded in March 2024 (Edited Record)

Record ID	Date	Time	Directorate	Region	Programme	Site / Project	Type of Closure	Type of TTM	Location	Specific Location	Details of actual job being done	Describe the facts of what happened	Immediate Actions Taken
150961	07/03/2024	22:54:00	Major Projects	South East - Major Projects	South East - SMP	MP-0922 - NEAR M25 J5-7	Lane Closure - Mainline	Relaxation works – Lane closure	Carriageway B	M25 5-6 30/3	Installing interrupter ducting in the verge	An Ambulance car came through the closure in lane 3 with blue lights and sirens sounding at speed. Everyone was behind the VRS and up a batter installing ducts back to stakes.	Ambulance drove off without need for intervention
150963	08/03/2024	00:45:00	Operations	North West - Operations	North West - Area Contracts	Area 13	Full Closure - Slip Road	Not populated	Carriageway Slip Rd J	M6 36 407,1	Ash Die Back	tm reported vehicle incursion, police car came through the airlock with its lights on	Not Populated
151096	11/03/2024	23:45:00	Major Projects	Yorkshire & North East - Major Projects	Yorkshire & North East - RIP	MP-0214 - M621 Junction 1-7 Improvements - RDP	Not populated	Not populated	Not populated	Not populated	TSCO Patrol	A car chase had wiped out junction 3 splitter taking out about 20 cones then pulling all the cones from under the car in their path at junction 1. They went around the roundabout the wrong way and were then caught by the police.	The TSCO arranged for a block on the B track at junction 3 for TM to re build in the splitter and collect the damaged TM gear.

Blue Light Incursions Report - Headline

159 Blue Light Incursions have been recorded since March 2022 with **8** being recorded in March 2024 (Edited Record)

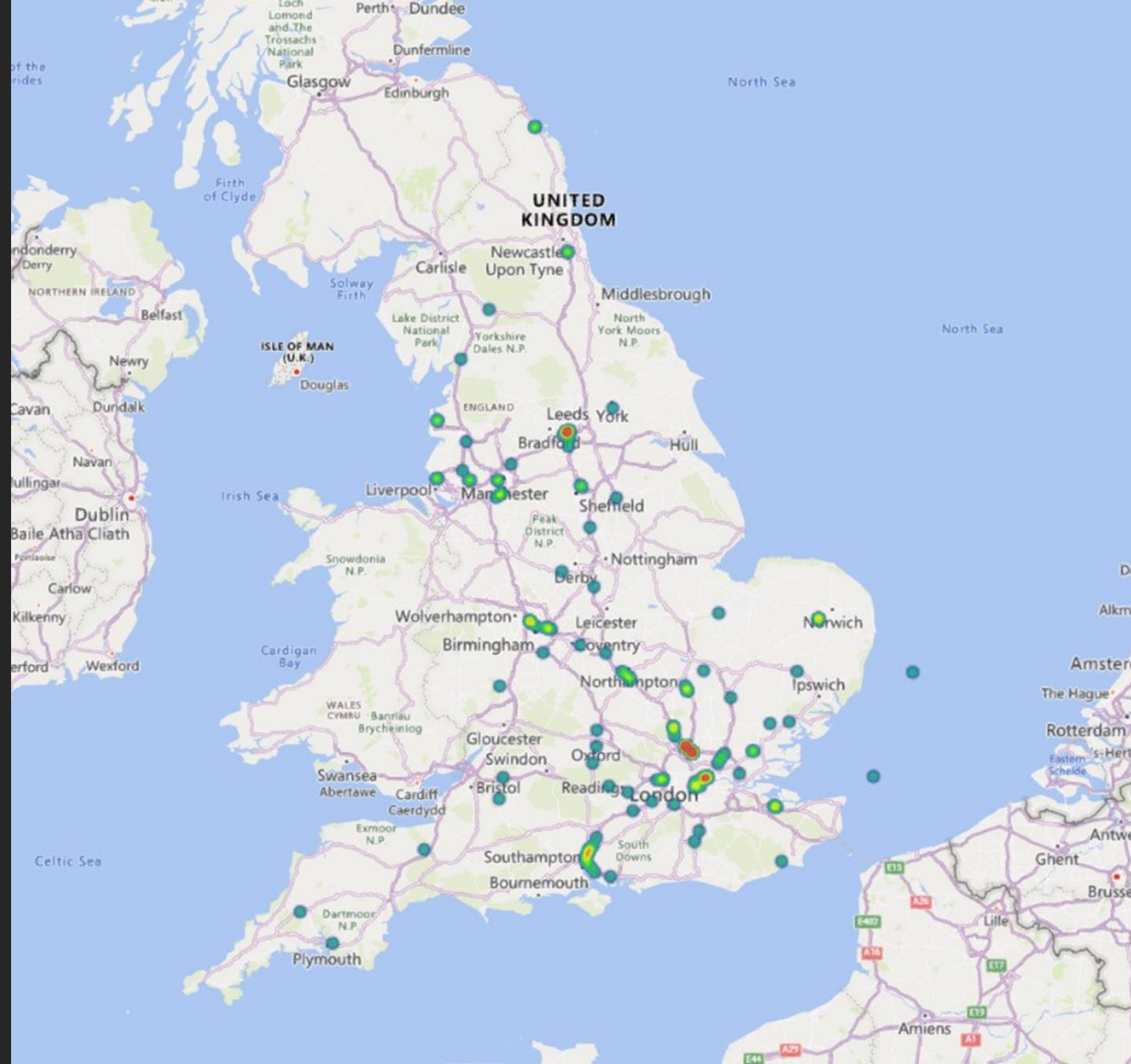
Record ID	Date	Time	Directorate	Region	Programme	Site / Project	Type of Closure	Type of TTM	Location	Specific Location	Details of actual job being done	Describe the facts of what happened	Immediate Actions Taken
151176	13/03/2024	07:45:00	Operations	South West - Operations	South West - Area Contracts	Area 1 & 2	Not populated	Traffic signals	Not populated	Not populated	2 Way TTL's on A36	Ambulance with sirens approached the TTL's and went through red light	Not Populated
151191	13/03/2024	02:55:00	Major Projects	South East - Major Projects	South East - RIP	MP-0000 - M27 J5-7 (Ops scheme)	Not populated	Not populated	Not populated	M27 J 5 - J7 21/5	Installation of TM to facilitate CCTV , TASCAR installation & concretet repairs	a police vehicle with there blue lights on travelling WB forced a member of public vehicle into the closure to get past	documented for records
151292	15/03/2024	15:36:00	Major Projects	East - Major Projects	East - SMP	MP-0453 - M1 J10-13	Lane Closure - Mainline	Standard works – Narrow Lane system inc. slips and links	Carriageway A	Not populated	Barrier removal works	Marked police Volvo was using lights and sirens in lane 3 as it went past at speed in the NB direction	Reported to TSCO

Blue Light Incursions Report - Headline

159 Blue Light Incursions have been recorded since March 2022 with **8** being recorded in March 2024 (Edited Record)

Record ID	Date	Time	Directorate	Region	Programme	Site / Project	Type of Closure	Type of TTM	Location	Specific Location	Details of actual job being done	Describe the facts of what happened	Immediate Actions Taken
151379	21/03/2024	03:50:00	Major Projects	Yorkshire & North East - Major Projects	Yorkshire & North East - RIP	MP-0214 - M621 Junction 1-7 Improvements - RDP	Not populated	Not populated	Not populated	Not populated	TSCO Patrol	A car was being chased by the police (under a blue light) and entered the works at the closure point on A643 southbound. The police aborted the chase and did not enter the closure.	The intellicone system was sounded. The vehicle was found abandoned in the smools scheme and the occupants had fled.
151412	20/03/2024	21:45:00	Operations	South East - Operations	South East - DBFO	DBFO - M25 (Area 5)	Not populated	Not populated	Not populated	Not populated	Geo/ Ancillary/ Drainage	During the night shift of 20/03/2024, the Supervisor noticed a vehicle driving up the closure up toward the works.	The supervisor stopped a vehicle and realised it was a police car. He spoke to the driver, questioning why they were in the closure and reminded them that entry without permission posed safety risks. The police officer responded sarcastically and was instructed to turn on their flashing lights and leave the closure promptly. It was suspected that the officer used the closure to bypass traffic rather than wait, endangering the team and the public, which was not an isolated incident.

Heatmap of all Blue Light Incursions (BLI) recorded



IPV Strike Report - Headline

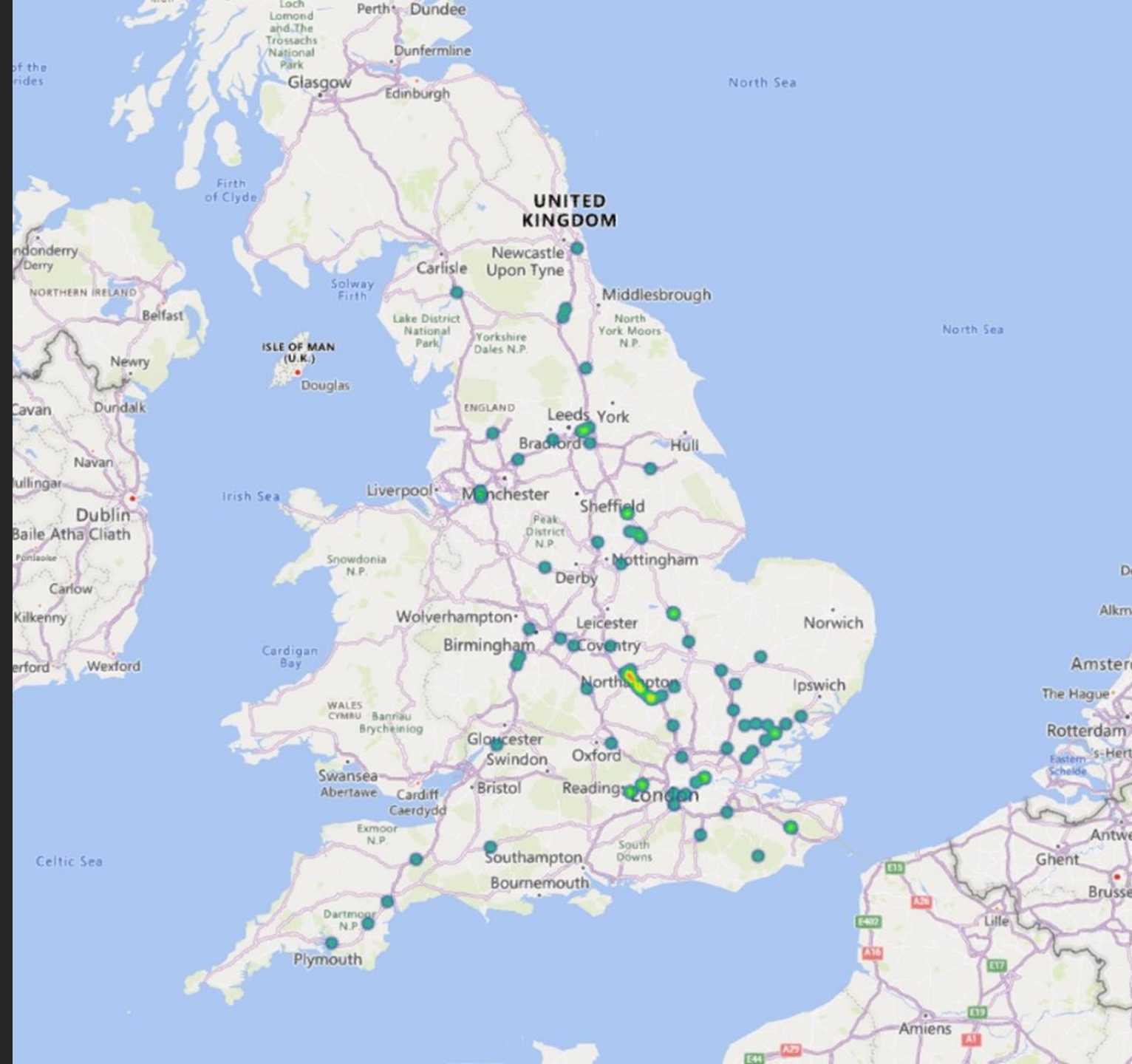
94 IPV strikes have been recorded since March 2019 with **1** being recorded in March 2024 (Edited Record)

Record ID	Date	Time	Directorate	Region	Programme	Site / Project	Type of Closure	Type of TTM	Location	Specific Location	Details of actual job being done	Describe the facts of what happened	Immediate Actions Taken
151014	10/03/2024	16:31:00	Outstations & ROCs	East - Outstations & ROCs	East - ROCs	South Mimms ROC	Not populated	Hardshoulder closures	Carriageway B	M1 J6a/6 P32/7B	ISU was on scene for barrier damage Log 1263 - 20/03/24	ISU was on the H/S checking for barrier damage on Log 1263 - 10/03/24 when a car struck the IPV from behind. There was no Injuries to anyone	Placed on yellow top

Heatmap of IPV Strikes recorded during March 24



Heatmap of all IPV Strikes recorded



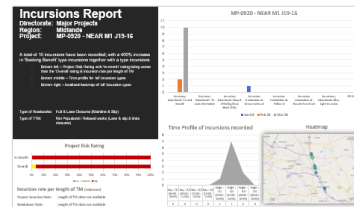
Project Reports

Major Project Reports

- MP-0699 - NEAR M1 J32-35
- MP-0920 - NEAR M1 J19-16
- MP-0915 - NEAR M1 J30-31
- MP-0212 - A1 Birtley to Coal House Widening – RDP
- MP-0214 - M621 Junction 1-7 Improvements - RDP
- MP-0918 - NEAR M5 J4a-6
- MP-0919 - NEAR M1 J23a-25

Operations Reports

- Area 6 & 8
- Area 7
- Area 13
- Area 4
- Area 3
- Area 9
- Area 5



Incursions Report
 Developmental Project
 Project: MP-0920 - NEAR M1 J19-16

Vehicle Incidents:

- 1. No major incidents of vehicle collisions with other vehicles or infrastructure were reported, including traffic, heavy, low, and a widebody van.
- 2. These vehicles did not pose safety concerns, driving through work areas at speed and exiting the work area without stopping or following proper procedures.

Incursion Management:

- 1. No safety incursions of other vehicles were reported in the project area.

Key Incidents:

- 1. Traffic incidents included an RTI in a contra-flow lane, resulting in traffic delays and vehicle recovery.
- 2. A vehicle was involved in a collision with a road sign, with minor damage to the vehicle and sign.

Roadwork Incidents:

- 1. No safety incursions of other vehicles were reported in the project area.

Key Incidents:

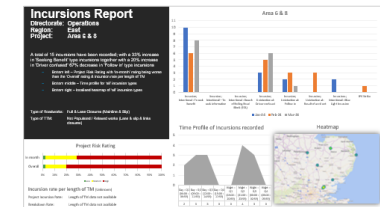
- 1. A vehicle was involved in a collision with a road sign, with minor damage to the vehicle and sign.

Key Incidents:

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- 1. A vehicle was involved in a collision with a road sign, with minor damage to the vehicle and sign.



Incursions Report
 Operations Project
 Project: Area 6 & 8

Vehicle Incidents:

- 1. A major incident of a vehicle collision with a road sign was reported, resulting in a total loss of the vehicle and significant damage to the sign.
- 2. A minor incident of a vehicle collision with a road sign was reported, resulting in minor damage to the vehicle and sign.

Incursion Management:

- 1. No safety incursions of other vehicles were reported in the project area.

Key Incidents:

- 1. A vehicle was involved in a collision with a road sign, with minor damage to the vehicle and sign.

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Incursions Report

Directorate: Major Projects

Region: Yorkshire & North East

Project: MP-0699 - NEAR M1 J32-35

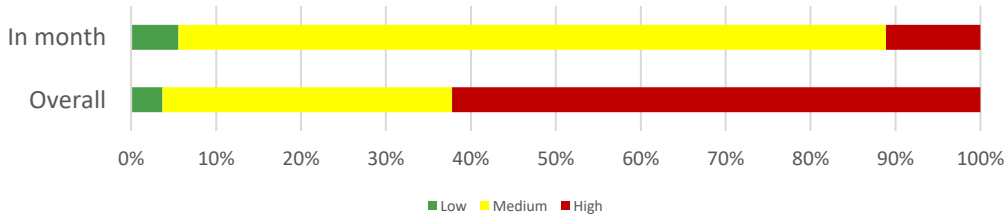
A total of 18 incursions have been recorded; with a 400% increase in 'Driver confused' type incursions together with a 33% decrease in 'Follow in' 67% decrease in 'Result of accident' type incursions

- Bottom left – Project Risk Rating with 'In-month' rating being worse than the 'Overall' rating & incursion rate per length of TM
- Bottom middle – Time profile for 'all' incursion types
- Bottom right – localised heatmap of 'all' incursion types

Type of Roadworks: Full & Lane Closures (Mainline & Slip)

Type of TTM: Not Populated / Relaxed works (Lane & slip & links closures)

Project Risk Rating

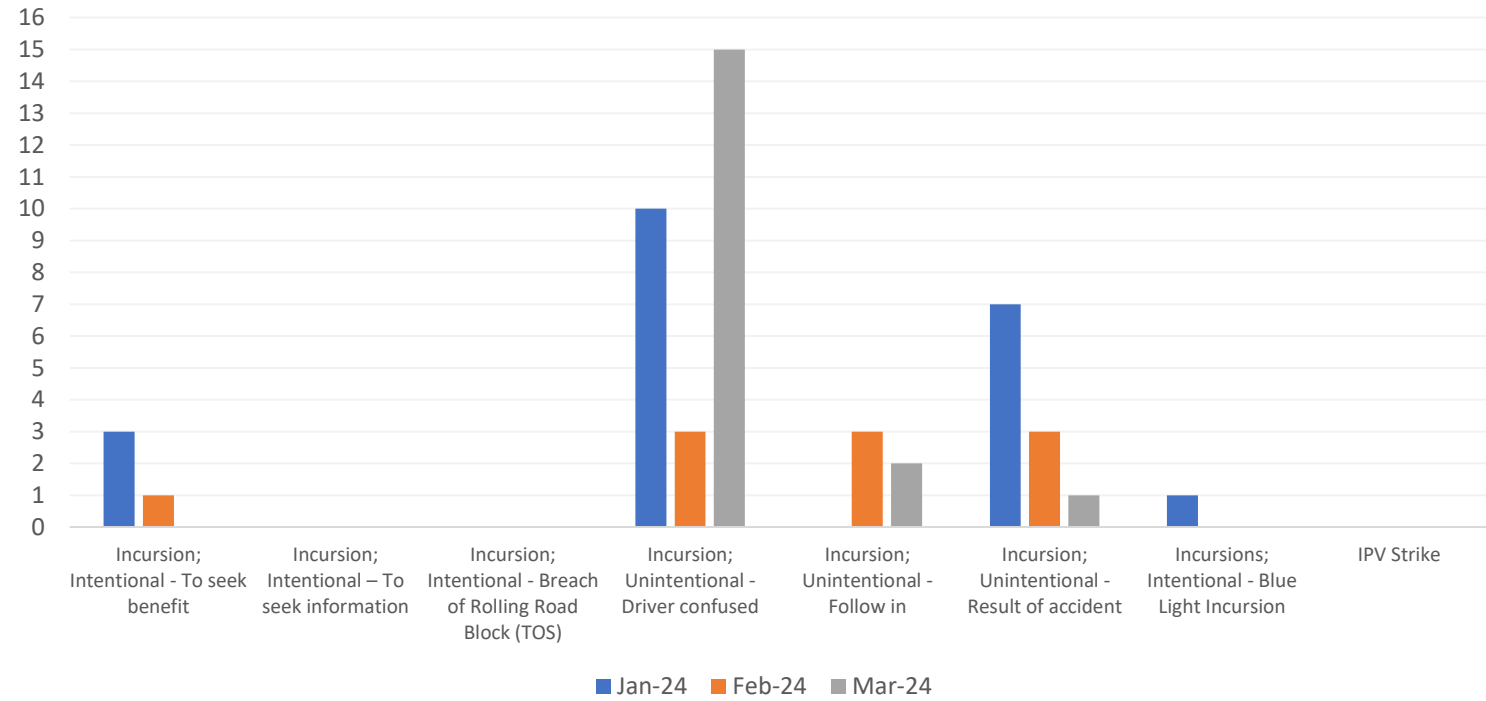


Incursion rate per length of TM (Unknown)

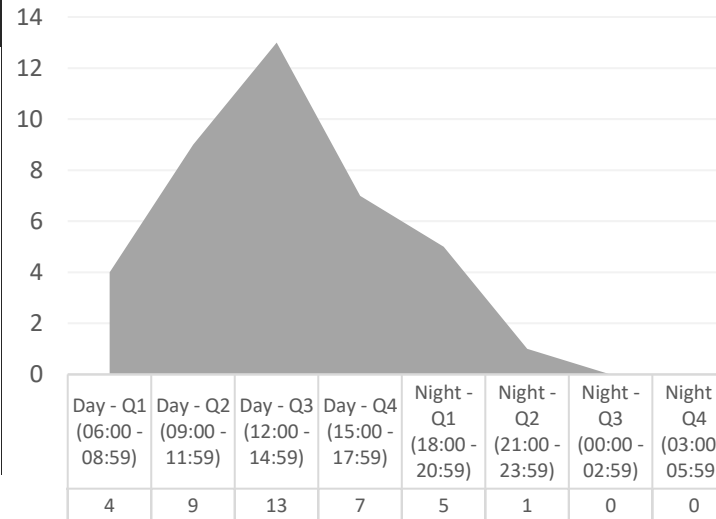
Project Incursion Rate: Length of TM data not available

Breakdown Rate: Length of TM data not available

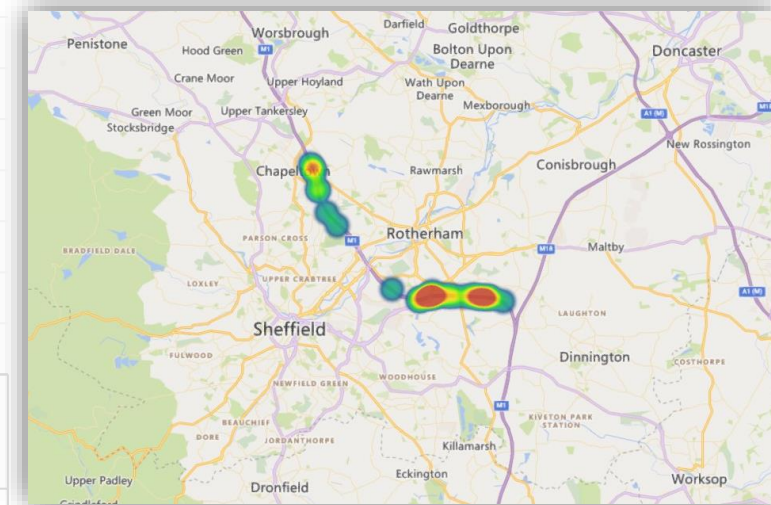
MP-0699 - NEAR M1 J32-35



Time Profile of Incursions recorded



Heatmap



Incursions Report

Directorate: Major Projects

Region: Yorkshire & North East

Project: MP-0699 - NEAR M1 J32-35

Vehicle Incursions:

- Numerous vehicle incursions occurred at various works access points, with drivers mistakenly entering closure areas.
- Incursions resulted from factors such as following other vehicles, mechanical breakdowns, confusion about exit points, and drivers entering by mistake.

Pedestrian Incursions:

- No specific instances of pedestrian incursions were reported in the provided information.

Traffic Incidents:

- Incidents included vehicles suffering mechanical breakdowns, running out of fuel, experiencing clutch failures, and pulling into works areas for safety.
- Some vehicles attempted to continue through works areas despite mechanical issues, posing potential safety risks.

Broken Down Vehicles:

- Several vehicles experienced mechanical problems, prompting them to pull into works areas for safety or await recovery.
- Some drivers remained in their vehicles until recovery services arrived, while others exited their vehicles and waited for assistance.

Traffic Management Responses:

- Traffic management personnel responded to each incursion by explaining the safe procedure for exiting the works and escorting vehicles away from closure areas.
- Efforts were made to communicate with drivers and ensure they understood the correct procedures for exiting the works safely.

Overall:

- The incidents highlight the challenges faced by traffic management teams in preventing unauthorised vehicle access to closure areas and managing vehicles experiencing mechanical issues.
- Despite the frequent incursions, prompt responses and clear communication from traffic management personnel helped ensure the safety of both motorists and workers on site.

Incursions Report

Directorate: Major Projects

Region: Midlands

Project: MP-0920 - NEAR M1 J19-16

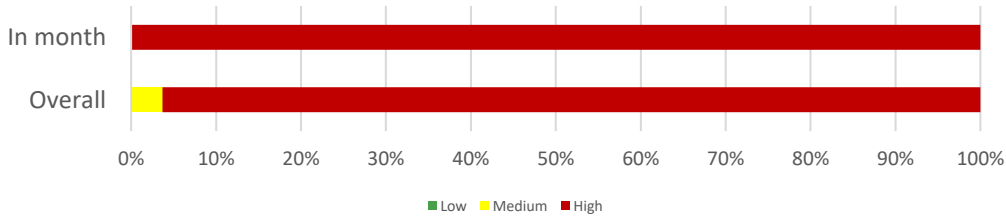
A total of 10 incursions have been recorded; with a 400% increase in 'Seeking Benefit' type incursions together with a type incursions

- Bottom left – Project Risk Rating with 'In-month' rating being worse than the 'Overall' rating & incursion rate per length of TM
- Bottom middle – Time profile for 'all' incursion types
- Bottom right – localised heatmap of 'all' incursion types

Type of Roadworks: Full & Lane Closures (Mainline & Slip)

Type of TTM: Not Populated / Relaxed works (Lane & slip & links closures)

Project Risk Rating

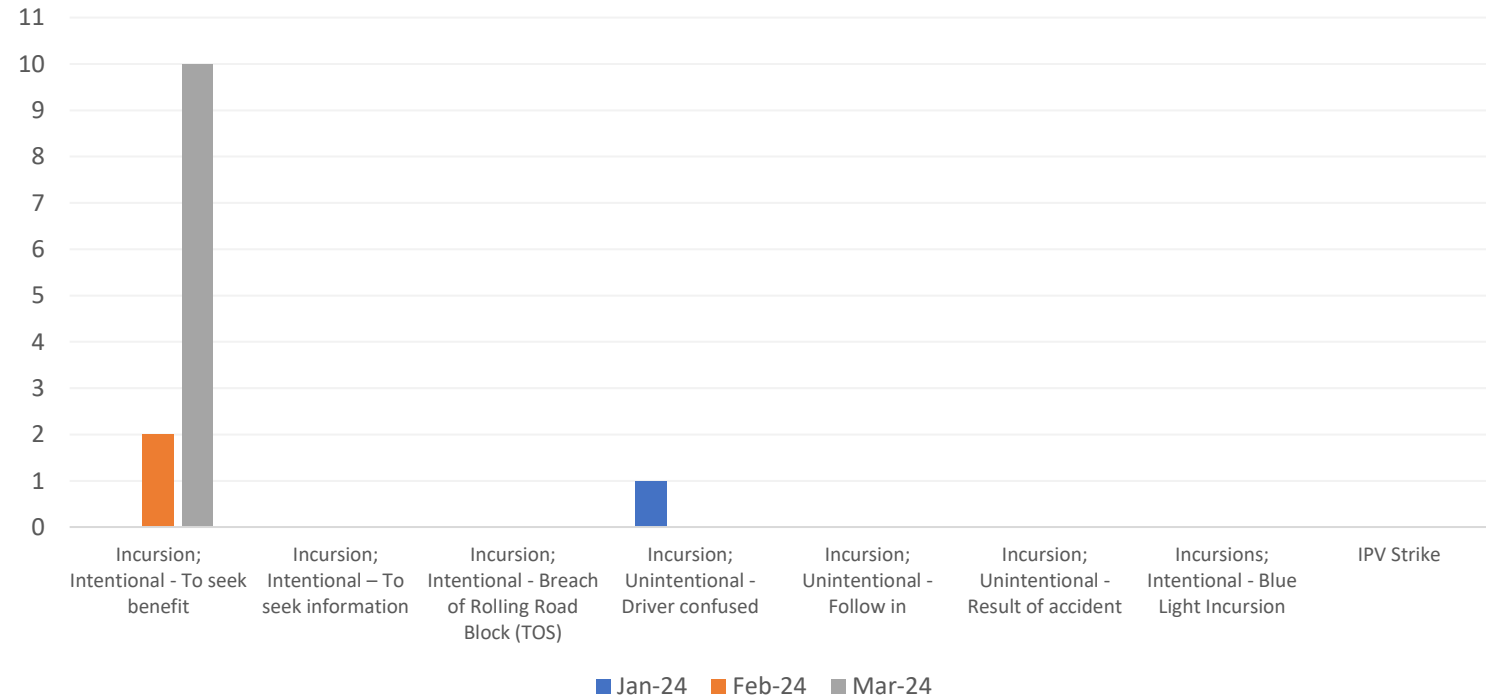


Incursion rate per length of TM (Unknown)

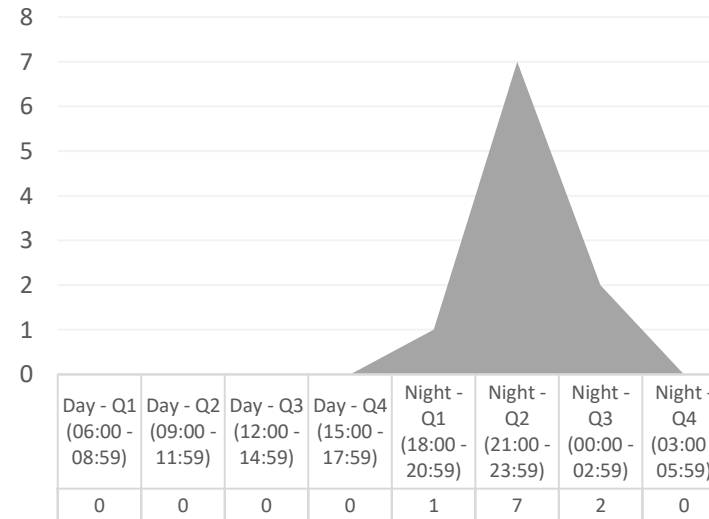
Project Incursion Rate: Length of TM data not available

Breakdown Rate: Length of TM data not available

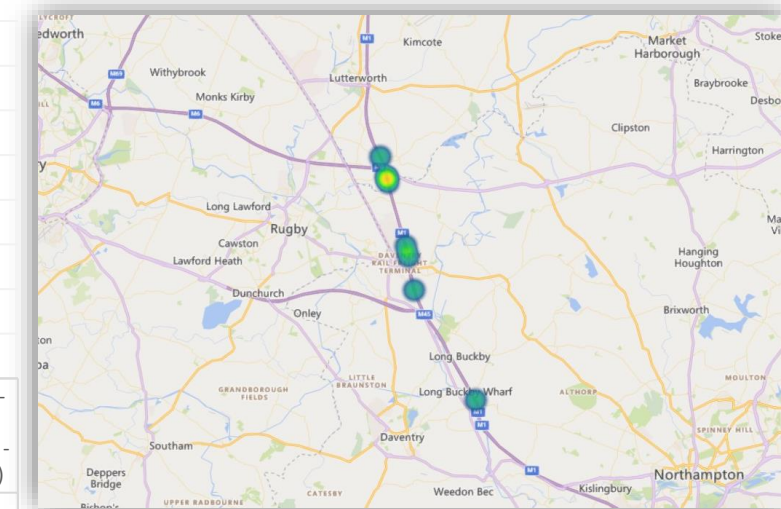
MP-0920 - NEAR M1 J19-16



Time Profile of Incursions recorded



Heatmap



Incursions Report

Directorate: Major Projects

Region: Midlands

Project: MP-0920 - NEAR M1 J19-16

Vehicle Incursions:

- Several instances of vehicles entering works areas without authorisation were reported, including HGVs, vans, cars, and a marked police car.
- These vehicles disregarded safety protocols, driving through works zones at speed and exiting via works exits without stopping or following proper procedures.

Pedestrian Incursions:

- No specific instances of pedestrian incursions were reported in the provided information.

Traffic Incidents:

- Traffic incidents included an RTC in a running lane, requiring Traffic Officer assistance and vehicle recovery.
- Additionally, breakdowns occurred within closure areas, with drivers waiting for recovery services to arrive.

Broken Down Vehicles:

- Multiple vehicles experienced breakdowns within closure areas, necessitating their placement behind barriers or cones until recovery services could be arranged.
- Drivers had to wait for extended periods, sometimes overnight, for recovery assistance.

Traffic Management Responses:

- Traffic management responses varied depending on the situation, with efforts made to communicate with drivers and ensure they followed the correct procedures for entering and exiting works areas.
- In some cases, vehicles were escorted out of closure areas, while others were left to await recovery assistance.

Overall:

- The incidents highlight the importance of adhering to safety protocols and traffic management guidance within works areas to prevent accidents and ensure the safety of both motorists and workers.
- Prompt responses from traffic management personnel and coordination with recovery services helped mitigate the risks posed by unauthorised vehicle incursions and traffic incidents within closure zones.

Incursions Report

Directorate: Major Projects

Region: Yorkshire & North East

Project: MP-0212 - A1 Birtley to Coal House Widening - RDP

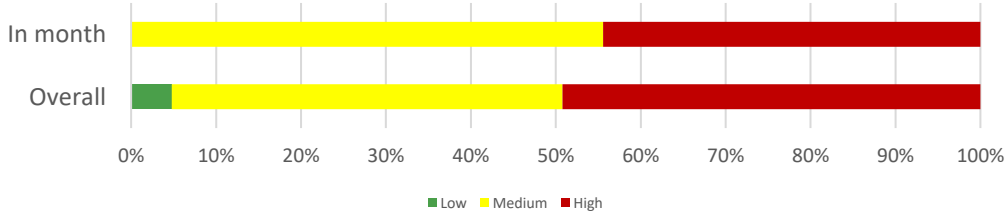
A total of 7 incursions have been recorded; with a 100% increase in 'Seeking Benefit' type incursions together with a no change from the previous month in Driver confused' type incursions

- Bottom left – Project Risk Rating with 'In-month' rating being worse than the 'Overall' rating & incursion rate per length of TM
- Bottom middle – Time profile for 'all' incursion types
- Bottom right – localised heatmap of 'all' incursion types

Type of Roadworks: Full & Lane Closures (Mainline & Slip)

Type of TTM: Not Populated / Relaxed works (Lane & slip & links closures)

Project Risk Rating

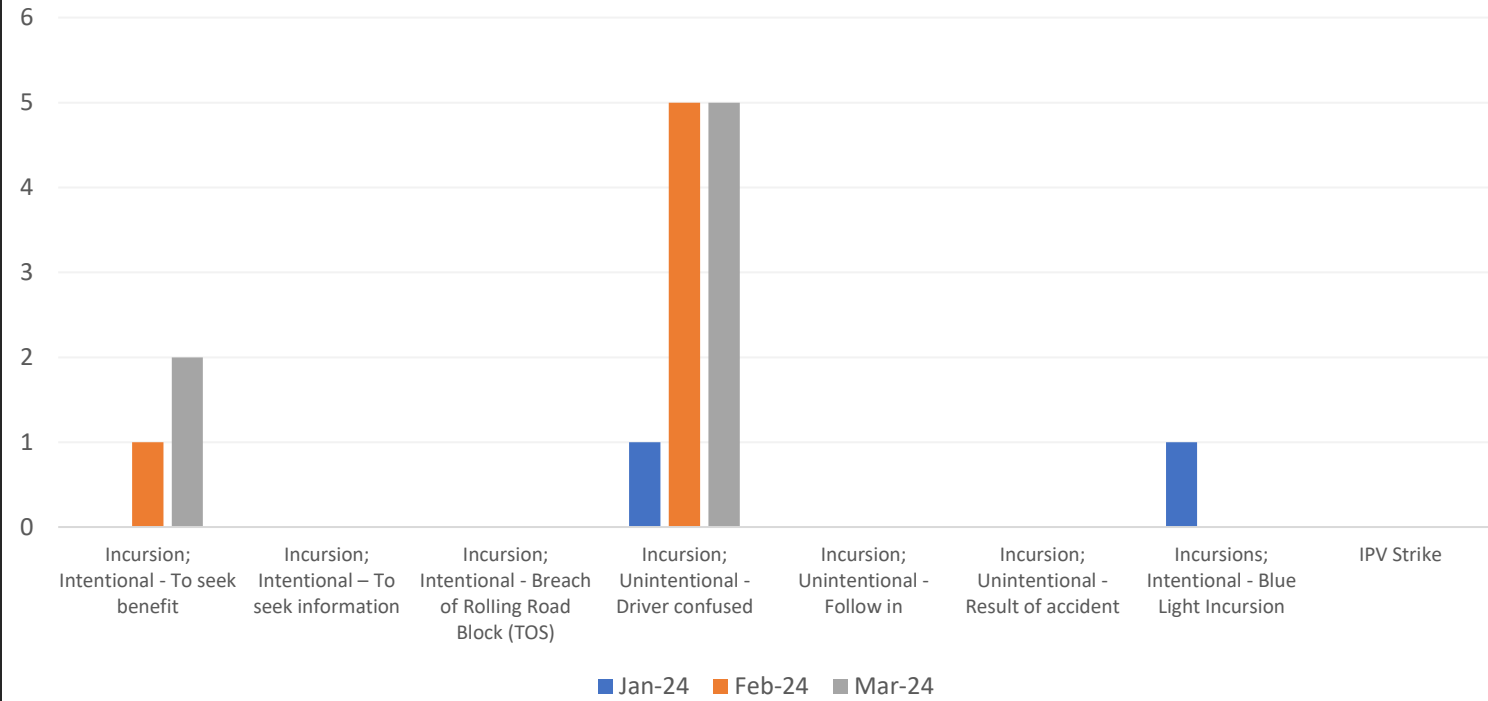


Incursion rate per length of TM (Unknown)

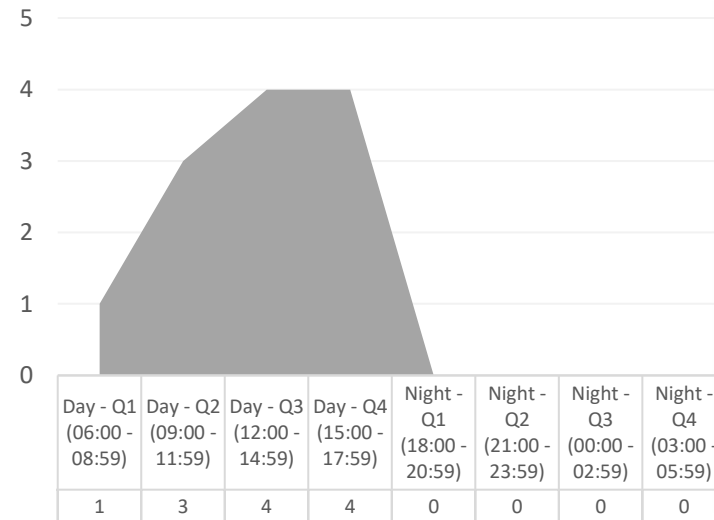
Project Incursion Rate: Length of TM data not available

Breakdown Rate: Length of TM data not available

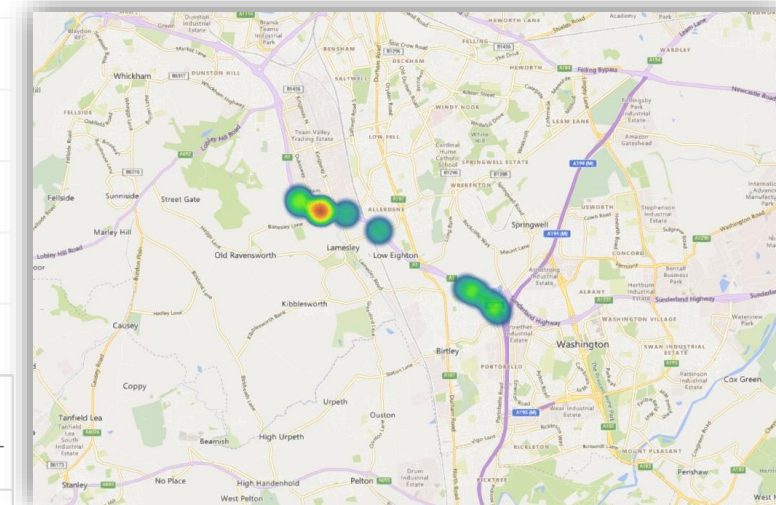
MP-0212 - A1 Birtley to Coal House Widening - RDP



Time Profile of Incursions recorded



Heatmap



Incursions Report

Directorate: Major Projects

Region: Yorkshire & North East

Project: MP-0212 - A1 Birtley to Coal House Widening - RDP

Vehicle Incursions:

- Numerous instances of drivers entering road works areas, often due to confusion or mechanical issues, without authorisation.
- Drivers disregarded safety protocols, such as chevron barriers, and entered closure zones at varying speeds.

Pedestrian Incursions:

- One report of a pedestrian climbing over a housing estate wall into a restricted area, but the individual was directed to return.

Traffic Incidents:

- Incidents included vehicles experiencing mechanical faults, punctures, and confusion on slip roads, with some vehicles being towed or pulling into works areas for safety.

Broken Down Vehicles:

- Several vehicles suffered mechanical issues or punctures and were forced to pull into works areas for safety until recovery could be arranged.

Traffic Management Responses:

- In some cases, traffic management personnel interacted with drivers to address confusion and ensure safe procedures were followed.
- No reports of police involvement were provided in the incidents.

Overall:

- The incidents underscore the importance of clear signage, proper traffic management, and driver awareness to prevent accidents and ensure safety within road works zones.
- While some incidents resulted from driver confusion or mechanical issues, prompt responses and adherence to safety protocols helped mitigate risks and prevent injuries.

Incursions Report

Directorate: Major Projects

Region: Midlands

Project: MP-0915 - NEAR M1 J30-31

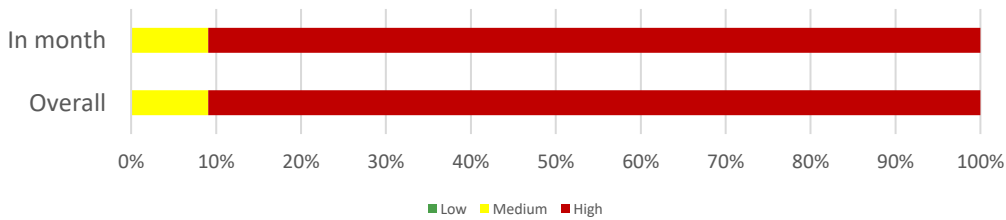
A total of 6 incursions have been recorded; with a 300% increase in 'Result of accident' type incursions together with a 200% increase in 'Seeking Benefit' 100% increase in 'Driver confused' type incursions

- Bottom left – Project Risk Rating with 'In-month' rating being worse than the 'Overall' rating & incursion rate per length of TM
- Bottom middle – Time profile for 'all' incursion types
- Bottom right – localised heatmap of 'all' incursion types

Type of Roadworks: Full & Lane Closures (Mainline & Slip)

Type of TTM: Not Populated / Relaxed works (Lane & slip & links closures)

Project Risk Rating

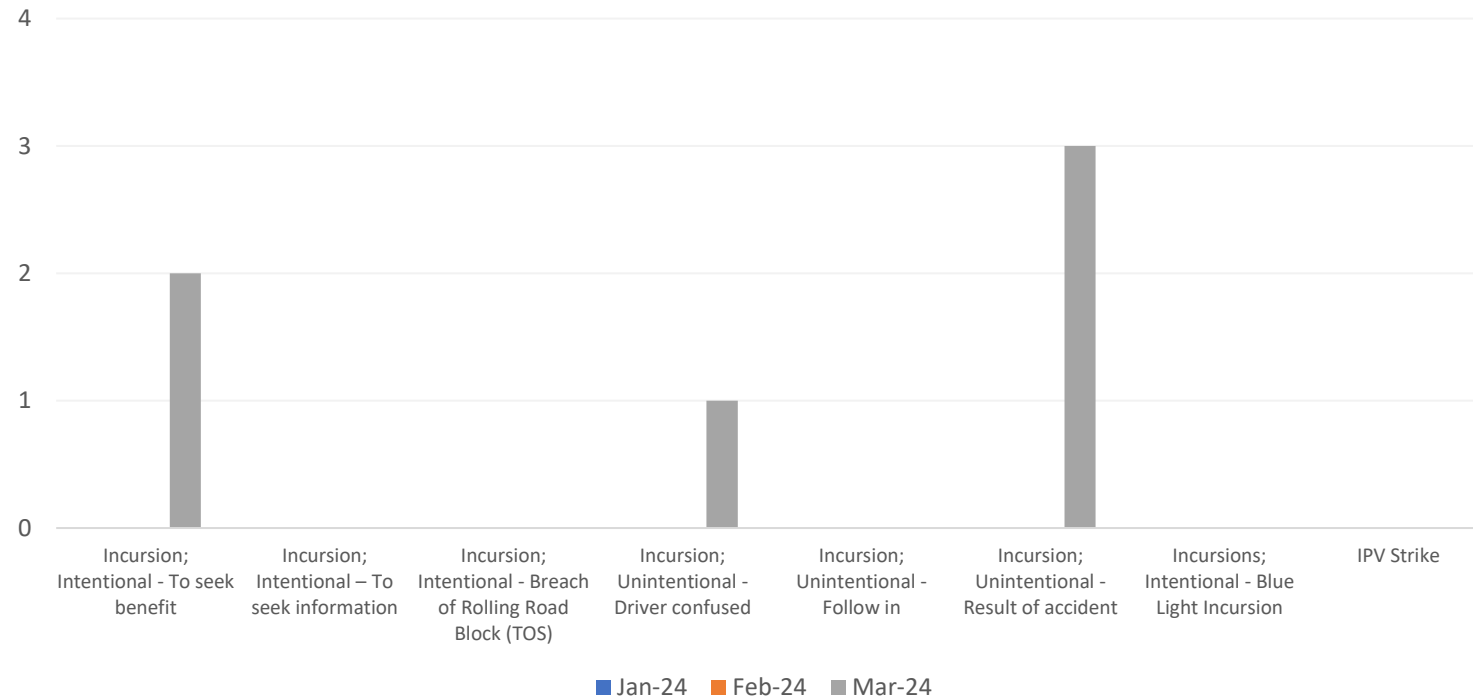


Incursion rate per length of TM (Unknown)

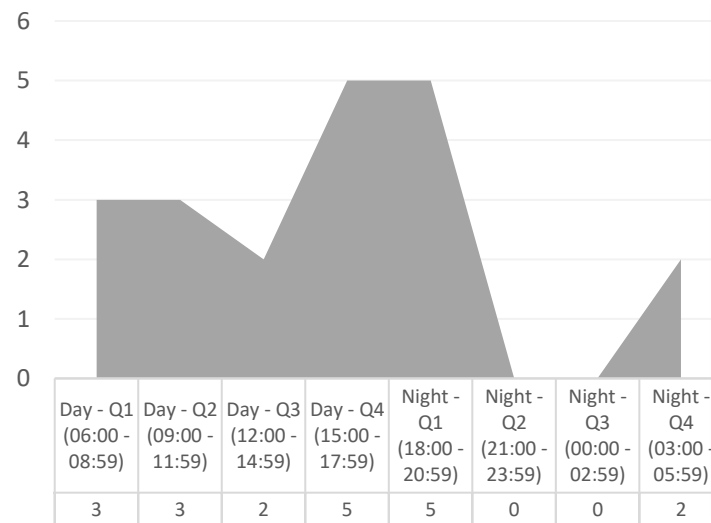
Project Incursion Rate: Length of TM data not available

Breakdown Rate: Length of TM data not available

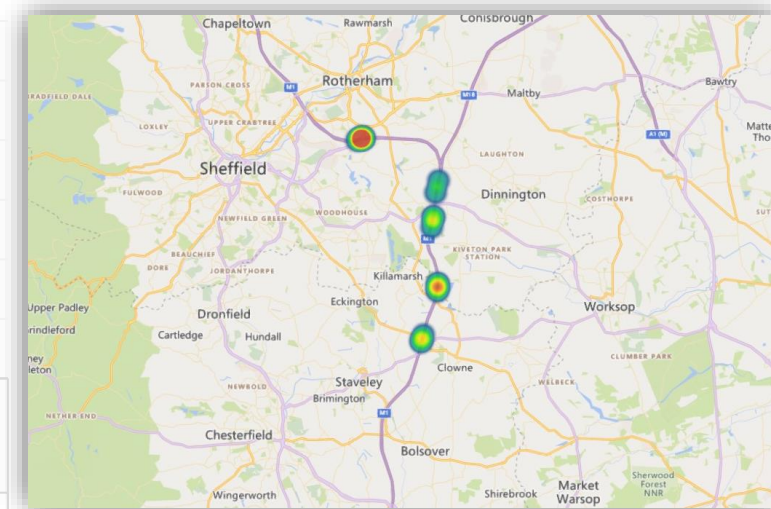
MP-0915 - NEAR M1 J30-31



Time Profile of Incursions recorded



Heatmap



Incursions Report

Directorate: Major Projects

Region: Midlands

Project: MP-0915 - NEAR M1 J30-31

Vehicle Incursions:

- Several instances of vehicles entering works areas, either due to mechanical issues like punctures or failures, or seeking safety after accidents or unusual noises.
- One driver stopped in the works exit due to non-functional windscreen wipers during heavy rain.

Pedestrian Incursions:

- No instances of pedestrian incursions were reported in the provided information.

Traffic Incidents:

- Various traffic incidents occurred, including road traffic collisions (RTC) involving cars and heavy goods vehicles (HGVs).
- Drivers encountered unusual noises in their vehicles or experienced mechanical failures, prompting them to seek assistance or safety within the works area.

Broken Down Vehicles:

- Numerous vehicles experienced mechanical failures such as punctures, engine failures, or electrical problems, requiring them to pull into the works area for safety or repairs.

Traffic Management Responses:

- Drivers took different actions in response to their vehicle issues, such as pulling into the works area, securing loads within cones, or seeking assistance from breakdown services like the Automobile Association (AA).

Overall:

- The incidents highlight the importance of vehicle maintenance and driver awareness, especially in adverse weather conditions or heavy traffic situations.
- Prompt responses from drivers and appropriate traffic management measures contribute to ensuring safety within works areas and mitigating risks associated with vehicle breakdowns or accidents.

Incursions Report

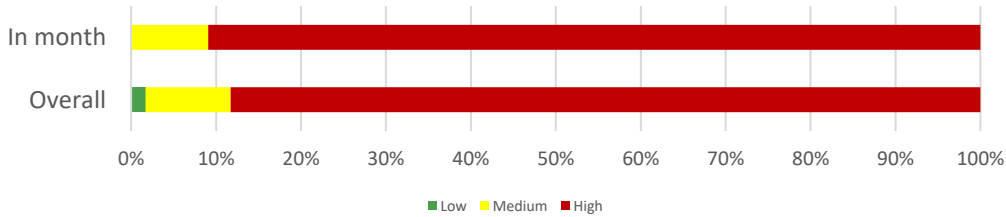
Directorate: Major Projects
 Region: Yorkshire & North East
 Project: MP-0214 – M621 J1-7 Improvements - RDP

A total of 6 incursions have been recorded; with a 200% increase in 'Seeking Benefit' type incursions together with a 200% increase in 'Blue Light' 100% increase in 'Driver confused' type incursions

- Bottom left – Project Risk Rating with 'In-month' rating being worse than the 'Overall' rating & incursion rate per length of TM
- Bottom middle – Time profile for 'all' incursion types
- Bottom right – localised heatmap of 'all' incursion types

Type of Roadworks: Full & Lane Closures (Mainline & Slip)
 Type of TTM: Not Populated / Relaxed works (Lane & slip & links closures)

Project Risk Rating

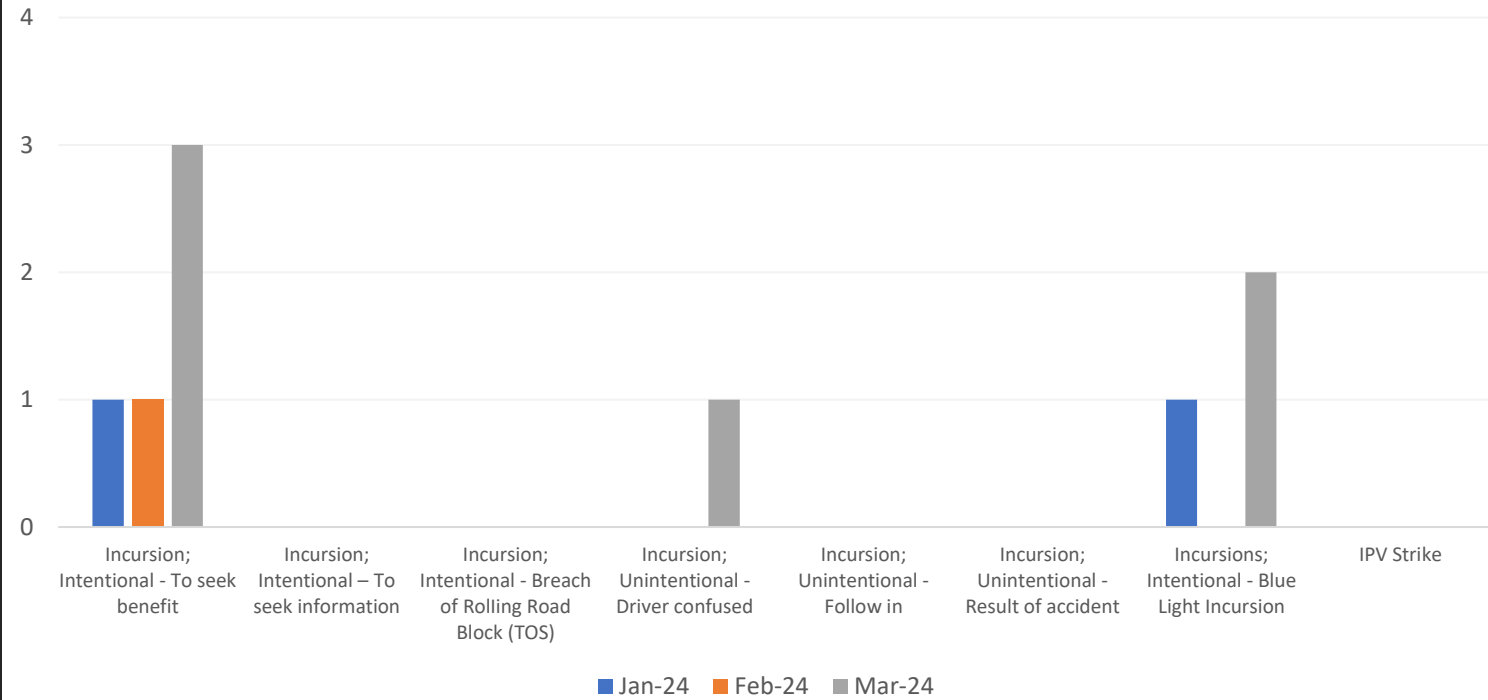


Incursion rate per length of TM (Unknown)

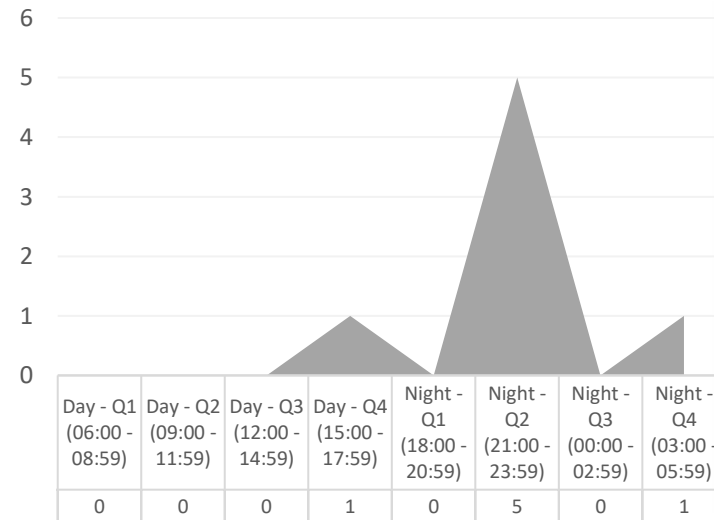
Project Incursion Rate: Length of TM data not available

Breakdown Rate: Length of TM data not available

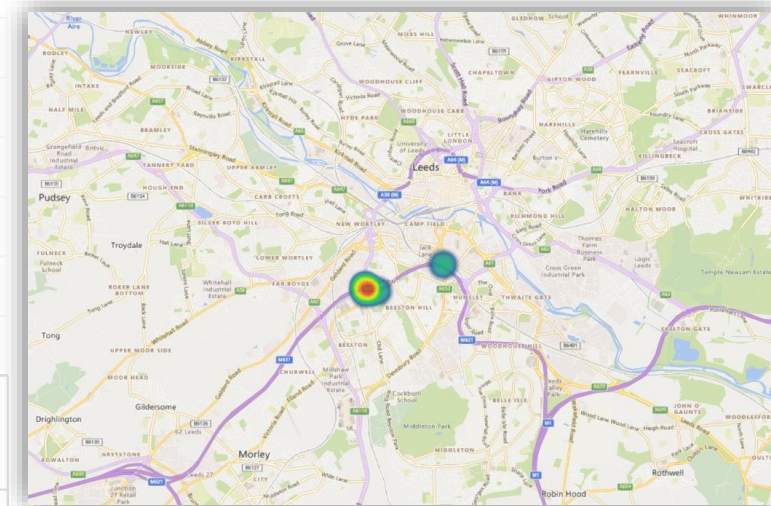
MP-0214 - M621 Junction 1-7 Improvements - RDP



Time Profile of Incursions recorded



Heatmap



Incursions Report

Directorate: Major Projects

Region: Yorkshire & North East

Project: MP-0214 – M621 J1-7
Improvements - RDP

Vehicle Incursions:

- Several incidents of vehicles entering closed areas or driving against traffic flow, including one involving a car chase that damaged cones and posed a risk to road users and workers.
- Vehicles ignored diversion signs and followed incorrect routes, leading to confrontations with traffic management personnel.

Pedestrian Incursions:

- No instances of pedestrian incursions were reported in the provided information.

Traffic Incidents:

- Instances of vehicle breakdowns were reported, prompting road recovery services to be called.
- A car being chased by the police entered a closed works area, creating a safety concern for workers and prompting the police to abort the chase.

Broken Down Vehicles:

- Several breakdowns occurred at different junctions, requiring intervention from traffic management personnel and road recovery services.

Traffic Management Responses:

- Traffic management personnel intervened to stop vehicles entering closed areas or driving against traffic flow, ensuring the safety of both road users and workers.
- Road recovery services were promptly called to address vehicle breakdowns and clear the affected areas.

Overall:

- The incidents underscore the importance of effective traffic management and adherence to diversion signs to prevent accidents and ensure the safety of everyone on the road, including workers and members of the public.
- Swift responses from traffic management personnel and coordination with law enforcement agencies are crucial in managing unexpected situations and maintaining safety standards on construction sites and roadworks.

Incursions Report

Directorate: Major Projects

Region: Midlands

Project: MP-0918 - NEAR M5 J4a-6

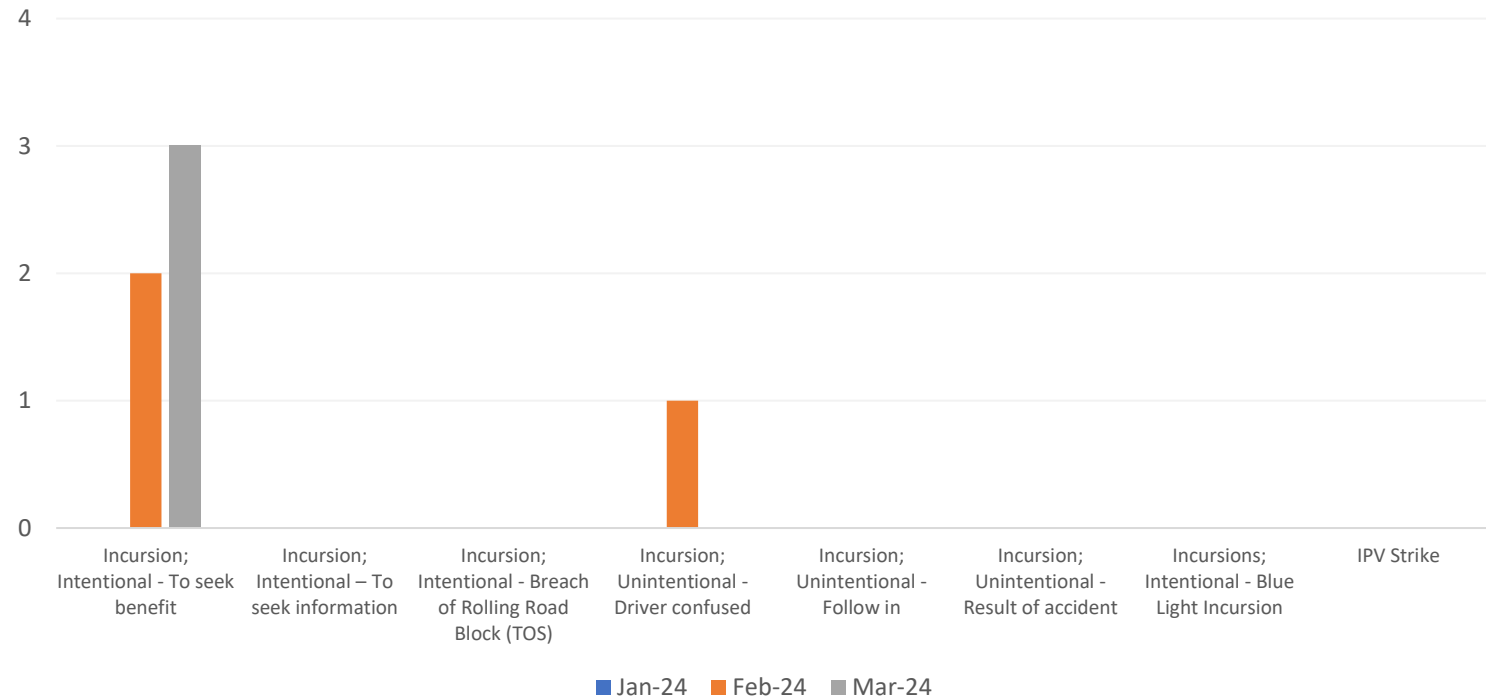
A total of 3 incursions have been recorded; with a 50% increase in 'Seeking Benefit' type incursions together with a type incursions

- Bottom left – Project Risk Rating with 'In-month' rating being worse than the 'Overall' rating & incursion rate per length of TM
- Bottom middle – Time profile for 'all' incursion types
- Bottom right – localised heatmap of 'all' incursion types

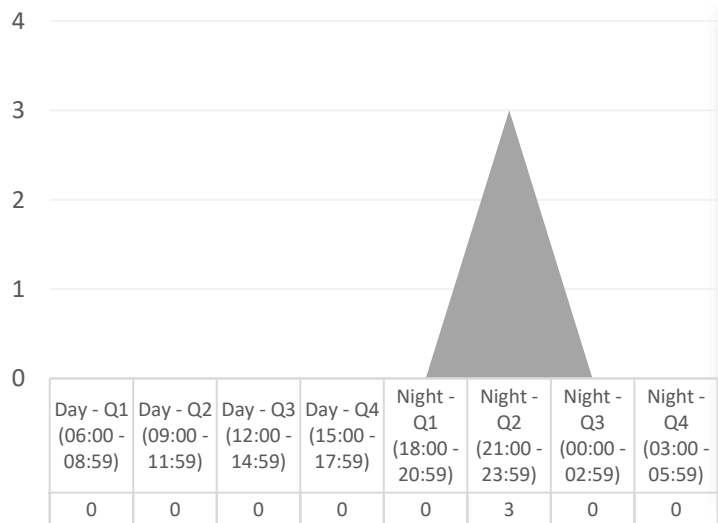
Type of Roadworks: Full & Lane Closures (Mainline & Slip)

Type of TTM: Not Populated / Relaxed works (Lane & slip & links closures)

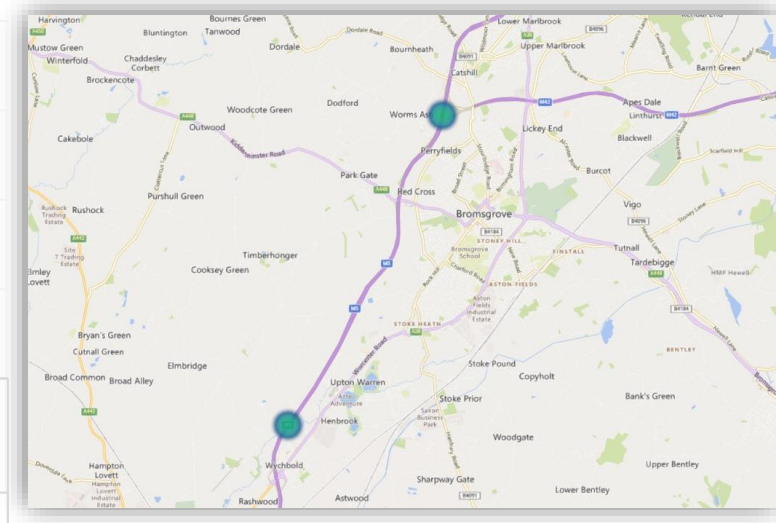
MP-0918 - NEAR M5 J4a-6



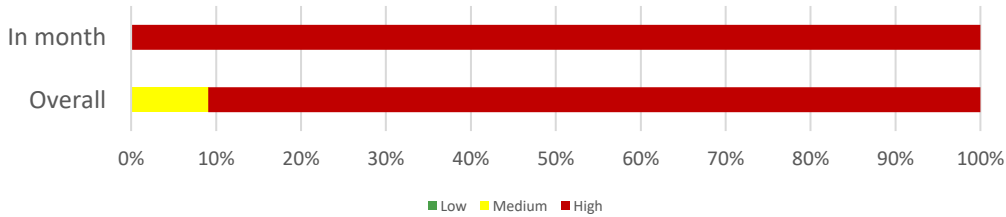
Time Profile of Incursions recorded



Heatmap



Project Risk Rating



Incursion rate per length of TM (Unknown)

Project Incursion Rate: Length of TM data not available

Breakdown Rate: Length of TM data not available

Incursions Report

Directorate: Major Projects

Region: Midlands

Project: MP-0918 - NEAR M5 J4a-6

Vehicle Incursions:

- Multiple works vehicles entered the closure area incorrectly while lane closures were being installed on the M5 Southbound. This resulted in disruption to traffic flow and potential hazards for both workers and the traveling public.
- Two vehicles, entered the closure area mistakenly due to confusion with the layout. They were escorted out by the LTMO without further issues.

Pedestrian Incursions:

- No instances of pedestrian incursions were reported in the provided information.

Traffic Incidents:

- No specific traffic incidents were mentioned in the provided information, but vehicle incursions into the closure area caused disruption and potential safety risks.

Broken Down Vehicles:

- No incidents of broken down vehicles were reported in the provided information.

Traffic Management Responses:

- Traffic management personnel, were contacted to address the issue of works vehicles entering the closure area incorrectly.
- The LTMO responsible for installing the closure escorted the vehicles that had entered mistakenly and ensured they exited the closure area safely.

Overall:

- The incidents highlight the importance of proper traffic management and adherence to closure protocols to prevent disruptions and ensure the safety of both workers and road users.
- Prompt responses from traffic management personnel and effective communication between teams are essential in addressing and mitigating issues arising from vehicle incursions into closure areas.

Incursions Report

Directorate: Major Projects

Region: Midlands

Project: MP-0919 - NEAR M1 J23a-25

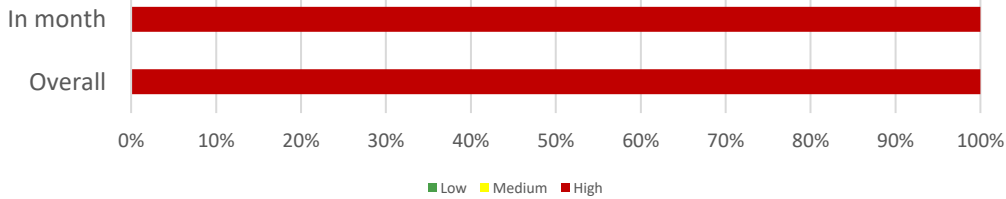
A total of 2 incursions have been recorded; with a 200% increase in 'Seeking Benefit' type incursions together with a type incursions

- Bottom left – Project Risk Rating with 'In-month' rating being worse than the 'Overall' rating & incursion rate per length of TM
- Bottom middle – Time profile for 'all' incursion types
- Bottom right – localised heatmap of 'all' incursion types

Type of Roadworks: Full & Lane Closures (Mainline & Slip)

Type of TTM: Not Populated / Relaxed works (Lane & slip & links closures)

Project Risk Rating

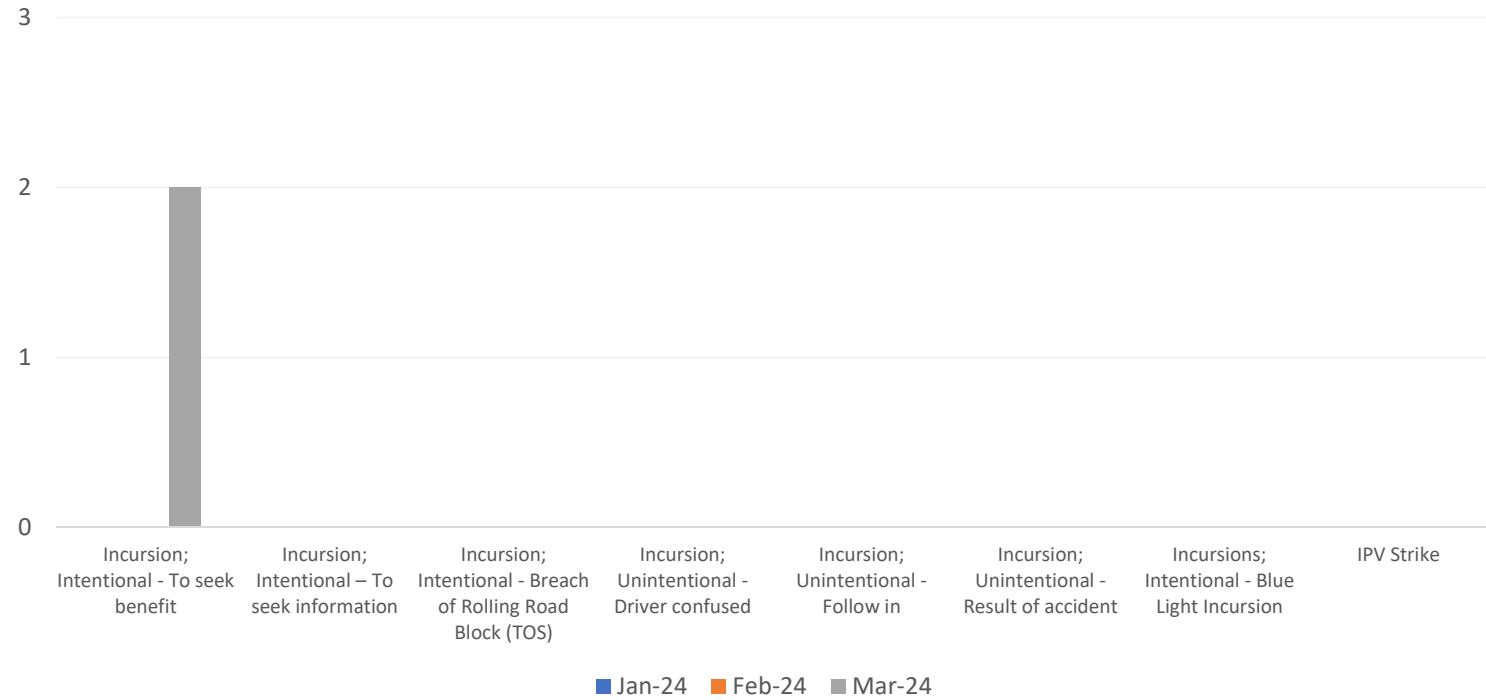


Incursion rate per length of TM (Unknown)

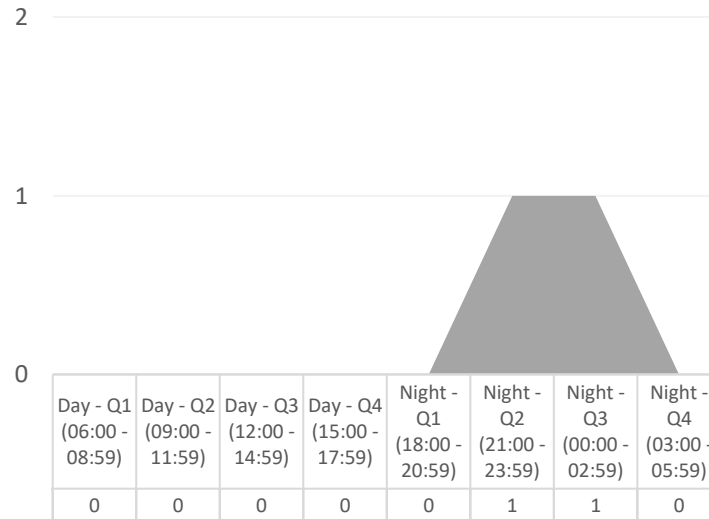
Project Incursion Rate: Length of TM data not available

Breakdown Rate: Length of TM data not available

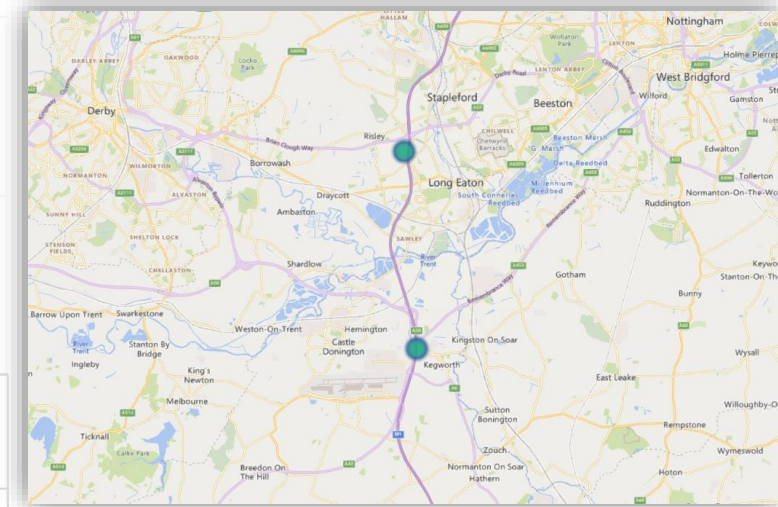
MP-0919 - NEAR M1 J23a-25



Time Profile of Incursions recorded



Heatmap



Incursions Report

Directorate: Major Projects

Region: Midlands

Project: MP-0919 - NEAR M1 J23a-25

Vehicle Incursions:

- A black high back transit van with beacons was observed driving at speed down lane 1 past the IPV and continued down lane 1. The registration number was not obtained, indicating a potential vehicle incursion into the closure area.

Pedestrian Incursions:

- No instances of pedestrian incursions were reported in the provided information.

Traffic Incidents:

- Police were observed following a car southbound, blocking two running lanes and eventually pulling into the TM closure. This incident caused disruption and potential safety concerns within the closure area.

Broken Down Vehicles:

- No incidents of broken down vehicles were reported in the provided information.

Traffic Management Responses:

- The TMF (Traffic Management Foreman) observed the vehicle incursion and attempted to obtain the registration number but was unsuccessful.
- Nighttime supervisor received reports from onsite contractors about the police potentially blocking lanes and entering the TM closure. This information was relayed to the relevant authorities for further investigation and action.

Overall:

- The reported incidents highlight the need for vigilant monitoring and response to unauthorised vehicle incursions into closure areas.
- Prompt communication and coordination between onsite personnel, supervisors, and authorities are crucial in addressing and resolving such incidents to ensure the safety and integrity of closure zones.

Incursions Report

Directorate: Operations
 Region: East
 Project: Area 6 & 8

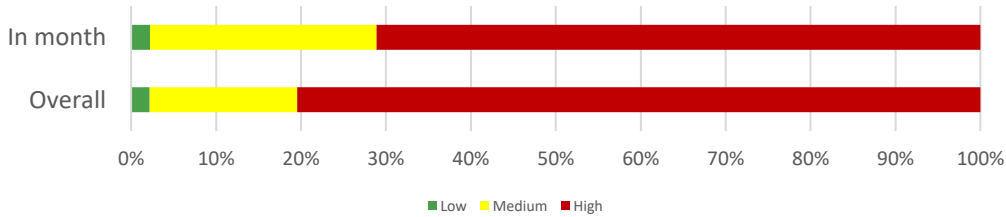
A total of 15 incursions have been recorded; with a 33% increase in 'Seeking Benefit' type incursions together with a 20% increase in 'Driver confused' 67% decrease in 'Follow in' type incursions

- Bottom left – Project Risk Rating with 'In-month' rating being worse than the 'Overall' rating & incursion rate per length of TM
- Bottom middle – Time profile for 'all' incursion types
- Bottom right – localised heatmap of 'all' incursion types

Type of Roadworks: Full & Lane Closures (Mainline & Slip)

Type of TTM: Not Populated / Relaxed works (Lane & slip & links closures)

Project Risk Rating

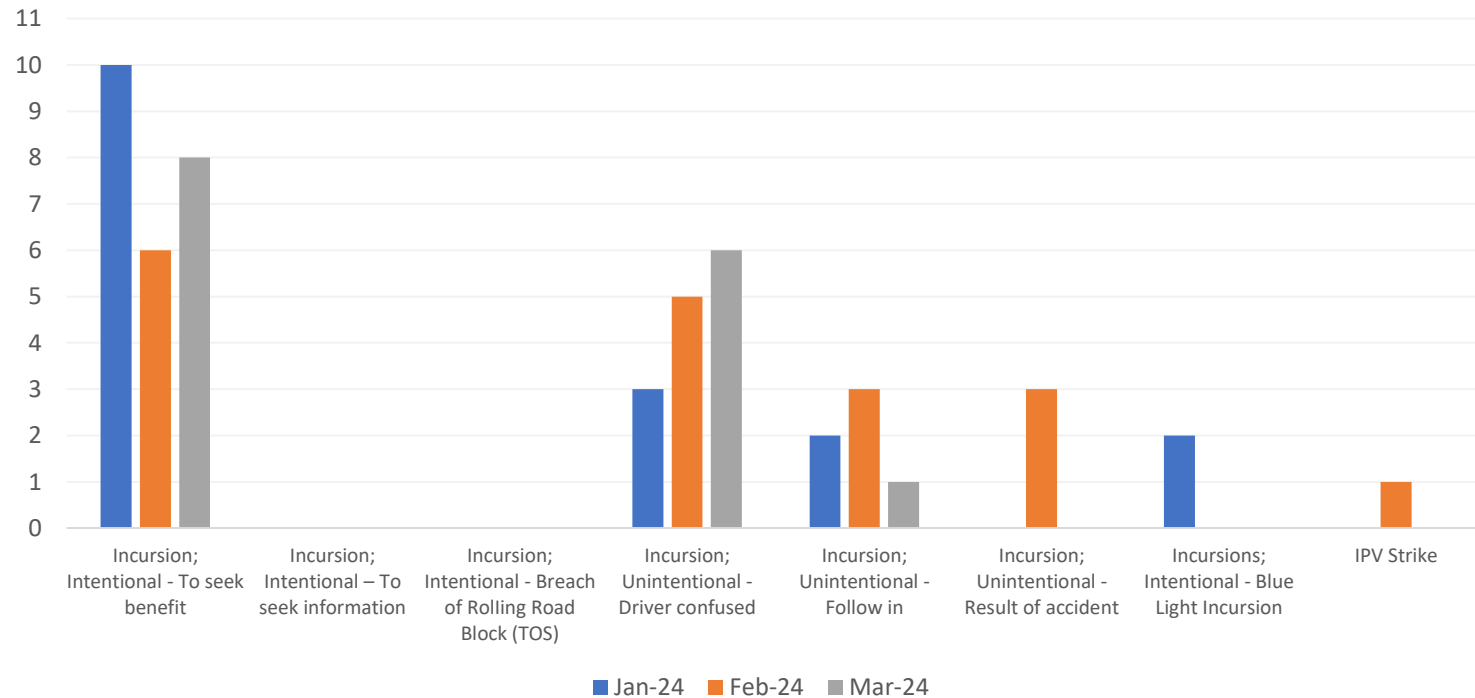


Incursion rate per length of TM (Unknown)

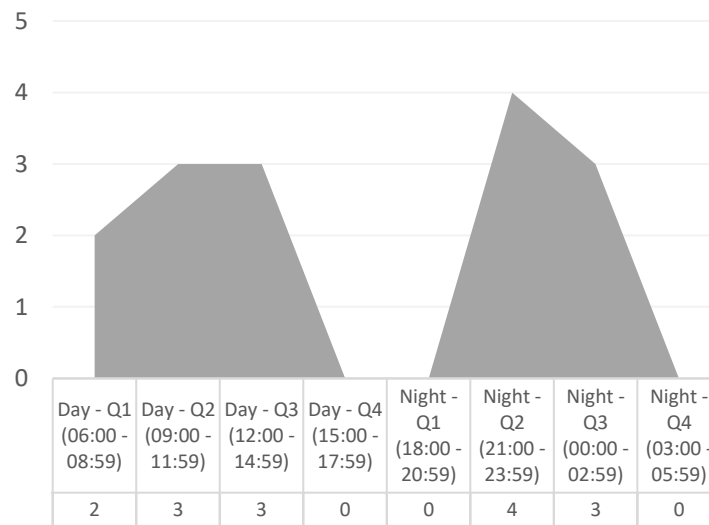
Project Incursion Rate: Length of TM data not available

Breakdown Rate: Length of TM data not available

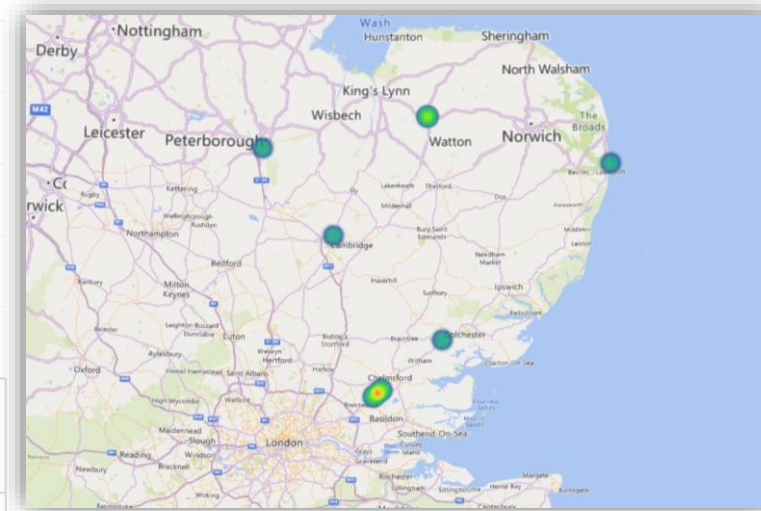
Area 6 & 8



Time Profile of Incursions recorded



Heatmap



Incursions Report

Directorate: Operations

Region: East

Project: Area 6 & 8

▪ Vehicle Incursions:

- A grey Mercedes and a Vauxhall Combi also followed a low loader into the works access and was escorted out at Junction 14.
- A silver Mercedes A Class, circumvented a Nissen barrier and entered the closure area, narrowly avoiding a fixed sign post and lamp column. The vehicle eventually left the closure area after passing through the work area.

▪ Pedestrian Incursions:

- No instances of pedestrian incursions were reported.

▪ Traffic Incidents:

- A Black golf approached a closure point, drove around cone details and barriers, and attempted to drive down a closed road, reversing when realising it was closed.
- A red Dacia Sandero followed a cement wagon into a works access, resulting in an unintentional incursion due to driver confusion.
- A Black Audi TT deliberately entered the TM cones/taper area on the Northbound carriageway and was abandoned by the occupants before fleeing the scene.

▪ Broken Down Vehicles:

- No instances of broken down vehicles were reported.

▪ Traffic Management Responses:

- TM personnel observed and responded to various vehicle incursions by escorting vehicles out of closure areas and making necessary adjustments to barriers and layouts to prevent future incursions.

▪ Overall:

- The incidents described highlight the importance of effective traffic management and monitoring to prevent unauthorised vehicle access into closure areas, ensuring the safety of both workers and the public.
- Prompt responses from TM personnel and coordination with authorities are essential in managing and mitigating the impact of such incursions on ongoing works and traffic flow.

Incursions Report

Directorate: Operations

Region: Midlands

Project: Area 7

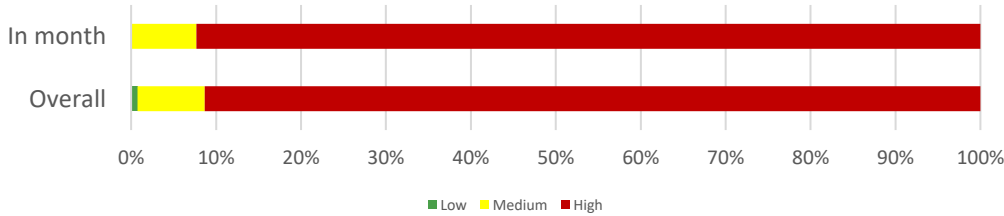
A total of 14 incursions have been recorded; with a 100% increase in 'Driver confused' type incursions together with a 20% increase in 'Seeking Benefit' type incursions

- Bottom left – Project Risk Rating with 'In-month' rating being worse than the 'Overall' rating & incursion rate per length of TM
- Bottom middle – Time profile for 'all' incursion types
- Bottom right – localised heatmap of 'all' incursion types

Type of Roadworks: Full & Lane Closures (Mainline & Slip)

Type of TTM: Not Populated / Relaxed works (Lane & slip & links closures)

Project Risk Rating

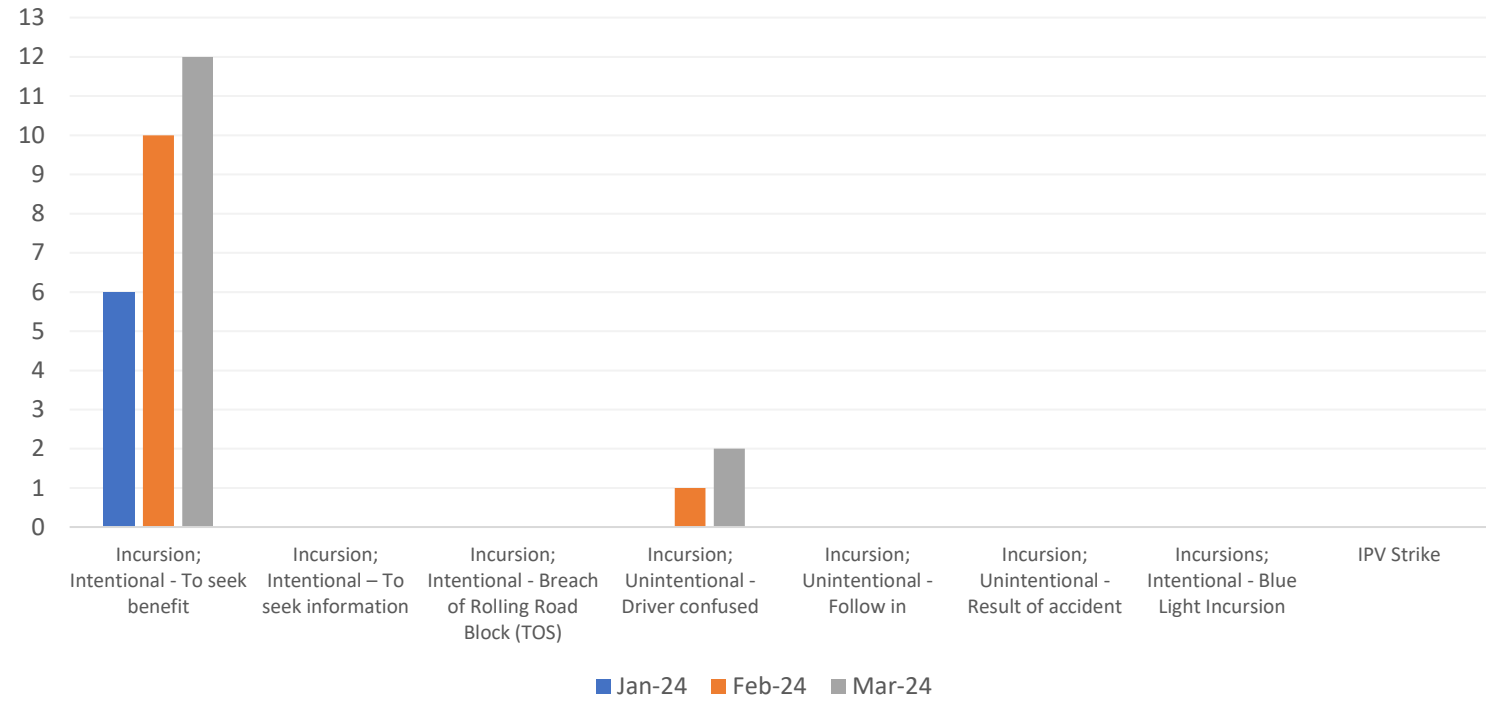


Incursion rate per length of TM (Unknown)

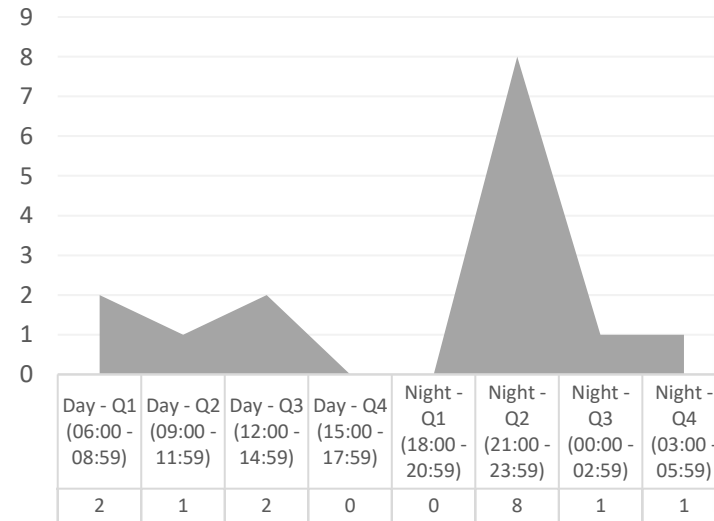
Project Incursion Rate: Length of TM data not available

Breakdown Rate: Length of TM data not available

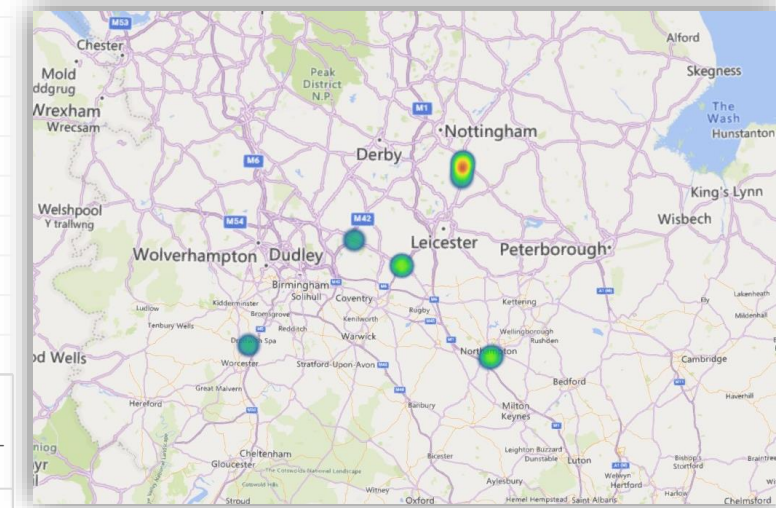
Area 7



Time Profile of Incursions recorded



Heatmap



Incursions Report

Directorate: Operations

Region: Midlands

Project: Area 7

Vehicle Incursions:

- A black vehicle pulled into the TM and then left, stopping at the traffic light stop line.
- Several incidents occurred where vehicles entered closure areas or drove the wrong way at traffic lights, including a car entering lane two closure from an industrial estate, a taxi striking a TN operative, a Porsche speeding through works, a vehicle bypassing an escort vehicle, a member of the public driving through an airlock without waiting for the escort vehicle, and individuals attempting to force their way through closed roads.

Pedestrian Incursions:

- No instances of pedestrian incursions were reported.

Traffic Incidents:

- An accident occurred between two vehicles at NB taper 288/0, with authorities informed.

Broken Down Vehicles:

- A maintenance crew identified a broken-down car inside a closure area.

Traffic Management Responses:

- Various incidents were managed by TM personnel, including escorting vehicles out of closure areas, redirecting traffic, and responding to accidents or breakdowns.

Overall:

- The incidents described highlight challenges in managing vehicle access and ensuring safety within closure areas.
- Prompt responses and effective communication between TM personnel, site supervisors, and authorities are crucial in addressing and mitigating the impact of vehicle incursions and traffic incidents.
- Continued vigilance and enforcement of closure regulations are necessary to maintain safety for both workers and the public.

Incursions Report

Directorate: Operations

Region: North West

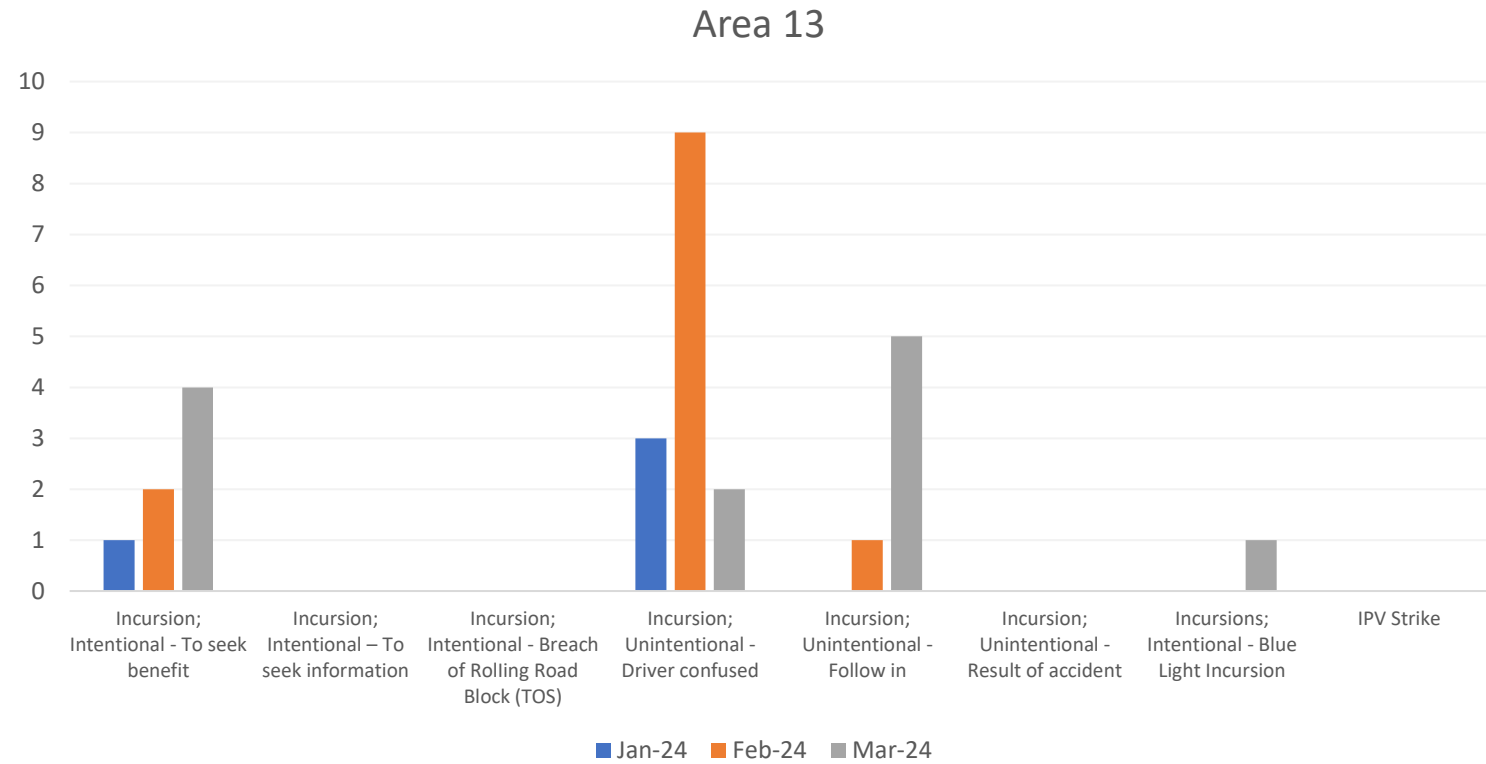
Project: Area 13

A total of 12 incursions have been recorded; with a 100% increase in 'Seeking Benefit' type incursions together with a 400% increase in 'Follow in' 100% increase in 'Blue Light' incursions, with a 78% decrease in 'Driver confused' type incursions

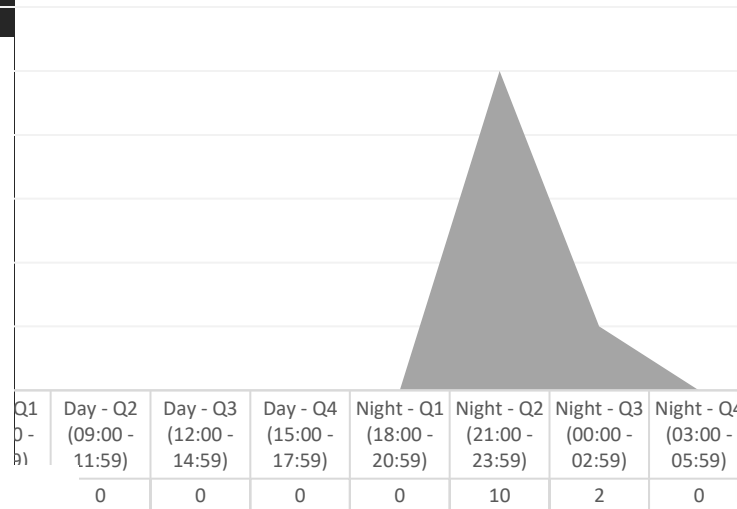
- Bottom left – Project Risk Rating with 'In-month' rating being worse than the 'Overall' rating & incursion rate per length of TM
- Bottom middle – Time profile for 'all' incursion types
- Bottom right – localised heatmap of 'all' incursion types

Type of Roadworks: Full & Lane Closures (Mainline & Slip)

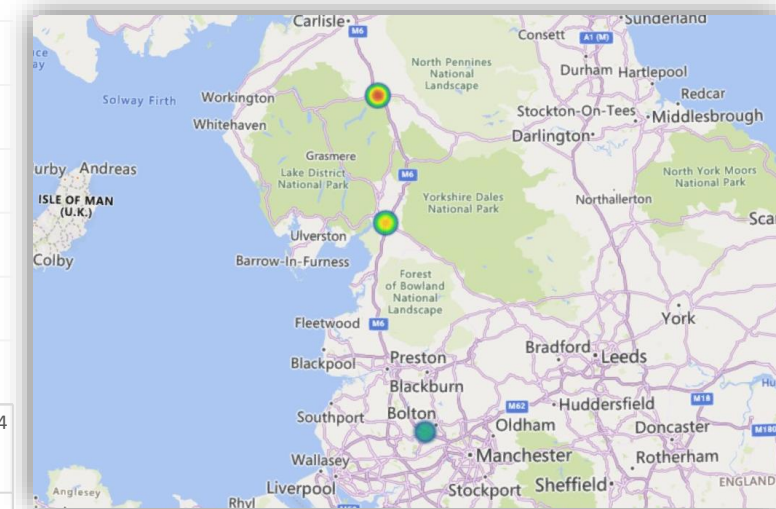
Type of TTM: Not Populated / Relaxed works (Lane & slip & links closures)



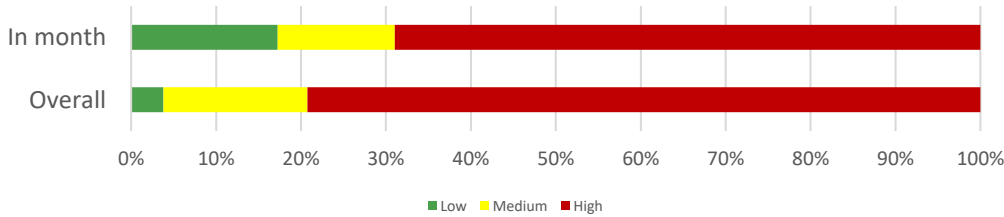
Time Profile of Incursions recorded



Heatmap



Project Risk Rating



Incursion rate per length of TM (Unknown)

Project Incursion Rate: Length of TM data not available

Breakdown Rate: Length of TM data not available

Incursions Report

Directorate: Operations

Region: North West

Project: Area 13

Vehicle Incursions:

- Multiple instances of unauthorised vehicles entering traffic management areas or closure zones were reported, including four incidents of unauthorised vehicle entry into the traffic management, a report of a vehicle driving through cones and up the wrong lane at Redhills roundabout, a wagon driving the wrong way on the westbound carriageway of the A66, a police car entering the closure with its lights on, a van following a TM vehicle into closure, and drivers following incorrect directions from their navigation systems.

Pedestrian Incursions:

- No instances of pedestrian incursions were reported in the provided information.

Traffic Incidents:

- No specific traffic incidents were mentioned in the provided information.

Broken Down Vehicles:

- No incidents involving broken-down vehicles were reported.

Traffic Management Responses:

- Traffic management personnel responded to the incursions by attempting to rectify the situation, informing drivers of the correct routes, and contacting authorities when necessary. This included reinforcing cones, informing drivers of closures, escorting vehicles, and contacting the police.

Overall:

- The incidents described highlight challenges in managing traffic and enforcing closures effectively.
- Vigilance and prompt response from traffic management personnel are crucial in addressing unauthorised vehicle access and ensuring the safety of workers and the public.
- Communication with drivers and collaboration with authorities are essential for managing traffic incidents and maintaining site safety.

Incursions Report

Directorate: Operations

Region: South East

Project: Area 4

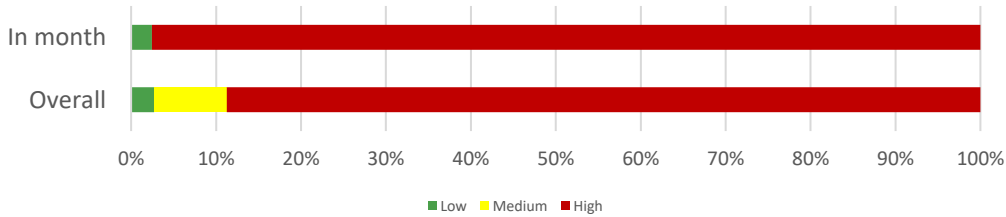
A total of 11 incursions have been recorded; with a 100% increase in 'Result of accident' type incursions together with a 50% decrease in 'To seek information' 40% decrease in 'Seeking Benefit' type incursions

- Bottom left – Project Risk Rating with 'In-month' rating being worse than the 'Overall' rating & incursion rate per length of TM
- Bottom middle – Time profile for 'all' incursion types
- Bottom right – localised heatmap of 'all' incursion types

Type of Roadworks: Full & Lane Closures (Mainline & Slip)

Type of TTM: Not Populated / Relaxed works (Lane & slip & links closures)

Project Risk Rating

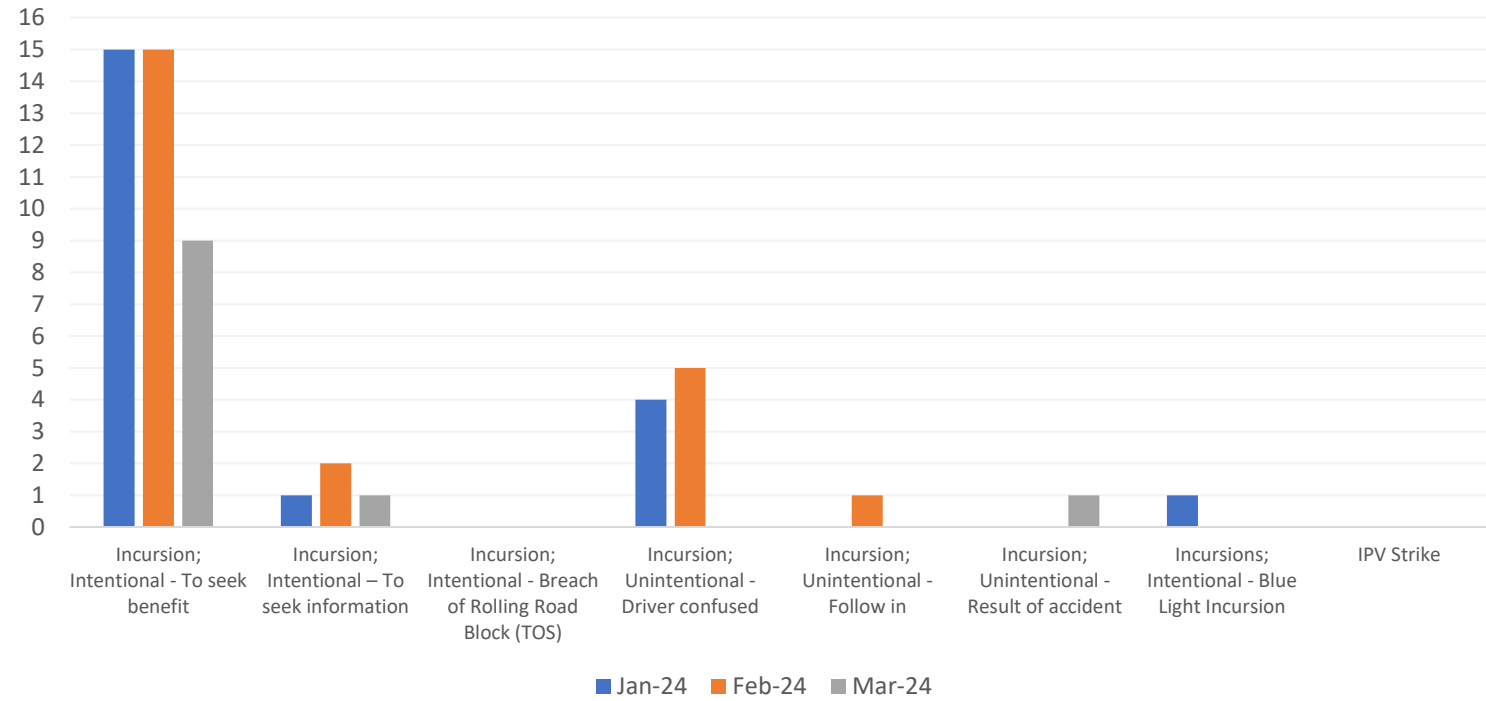


Incursion rate per length of TM (Unknown)

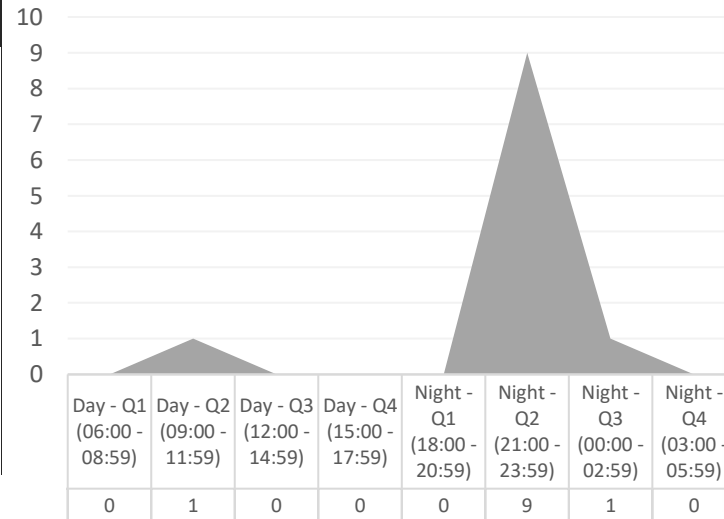
Project Incursion Rate: Length of TM data not available

Breakdown Rate: Length of TM data not available

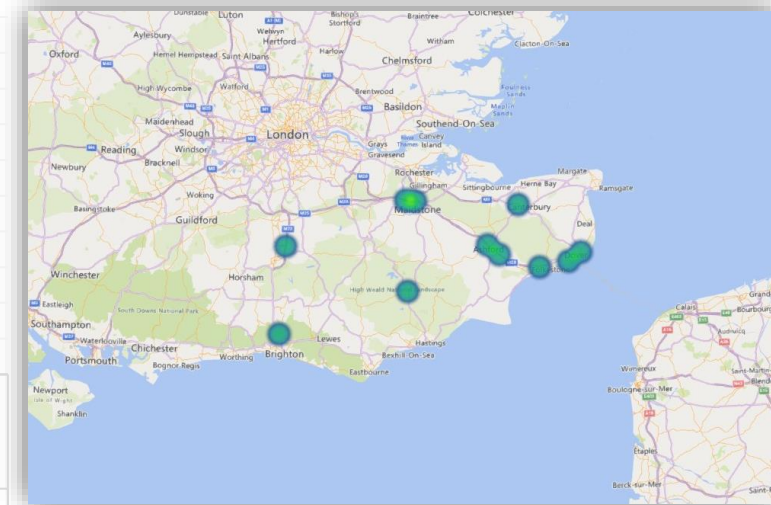
Area 4



Time Profile of Incursions recorded



Heatmap



Incursions Report

Directorate: Operations

Region: South East

Project: Area 4

Vehicle Incursions:

- Multiple incidents involved members of the public driving into closure areas without authorisation, including driving through closures at speed, attempting to enter closure areas through airlocks, and ignoring instructions from gate personnel.

Pedestrian Incursions:

- No specific instances of pedestrian incursions were mentioned in the provided information.

Traffic Incidents:

- A motorcyclist collided with a lorry at the J6 off slip, resulting in a taper strike. The motorcyclist sustained minor injuries and was assisted by on-site personnel. Traffic management teams promptly responded to the incident, reinstating the taper and containing oil spills.

Broken Down Vehicles:

- A vehicle with a puncture was found on the hard shoulder inside a closure area. The driver appeared intoxicated, leading to police intervention and vehicle recovery.

Traffic Management Responses:

- Traffic management personnel responded proactively to vehicle incursions by stopping the work force, escorting vehicles safely out of closure areas, setting up exclusion zones, and ensuring the safe egress of vehicles from closure areas. Prompt action was taken to address incidents involving unauthorised access and potential safety hazards.

Overall:

- The incidents underscore the importance of vigilance and effective traffic management in ensuring the safety of both workers and the public within closure areas.
- Quick response and appropriate measures by traffic management teams helped mitigate potential risks and maintain safety standards on-site.
- Collaboration with law enforcement agencies was crucial in addressing incidents involving intoxicated drivers and ensuring proper handling of vehicles with associated legal issues.

Incursions Report

Directorate: Operations

Region: South East

Project: Area 3

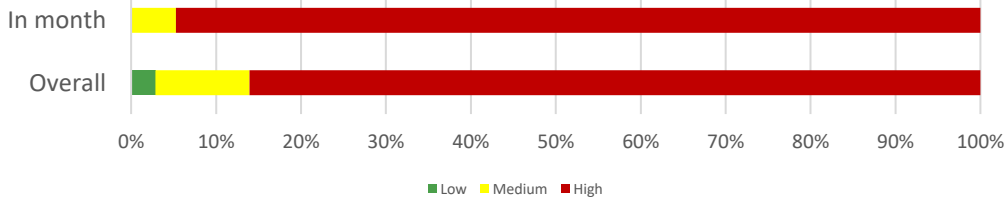
A total of 10 incursions have been recorded; with a 29% increase in 'Seeking Benefit' type incursions together with a 50% decrease in 'Driver confused' type incursions

- Bottom left – Project Risk Rating with 'In-month' rating being worse than the 'Overall' rating & incursion rate per length of TM
- Bottom middle – Time profile for 'all' incursion types
- Bottom right – localised heatmap of 'all' incursion types

Type of Roadworks: Full & Lane Closures (Mainline & Slip)

Type of TTM: Not Populated / Relaxed works (Lane & slip & links closures)

Project Risk Rating

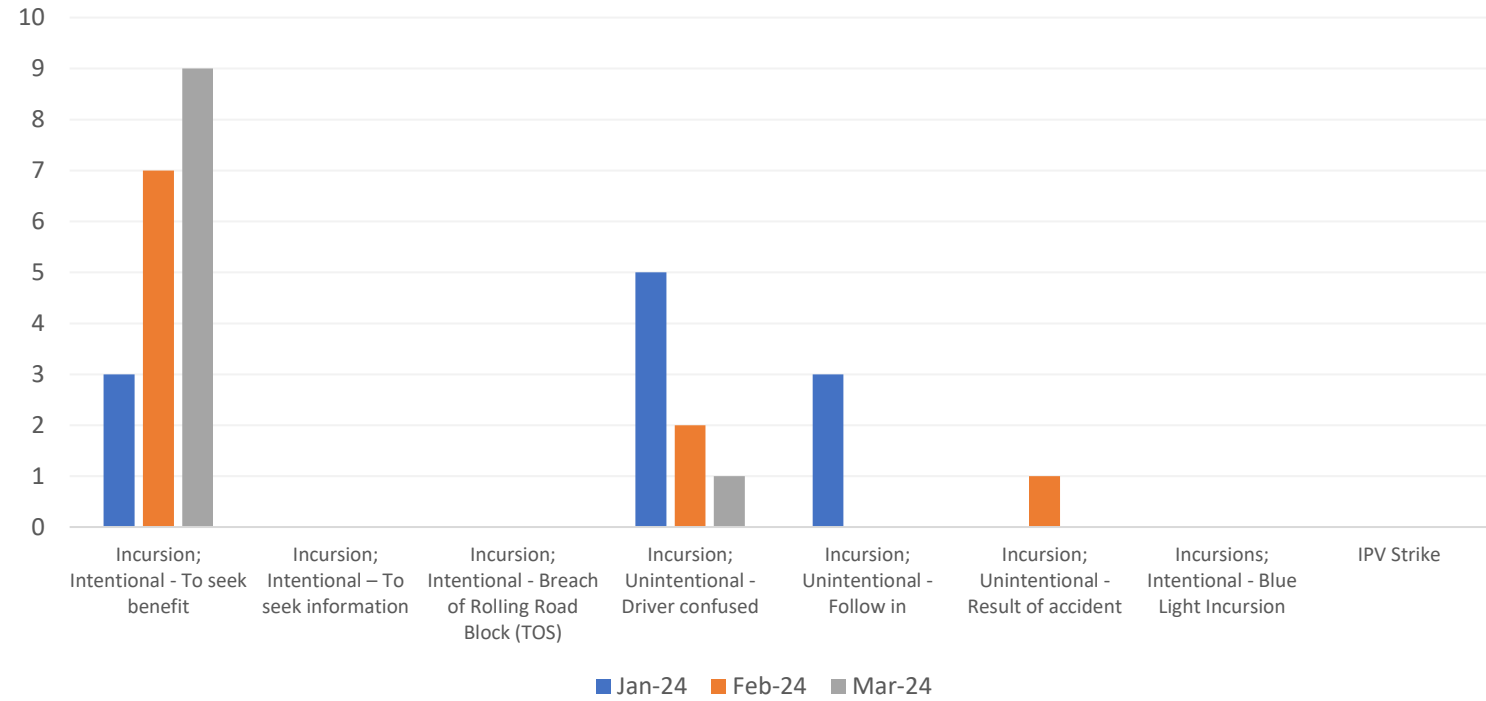


Incursion rate per length of TM (Unknown)

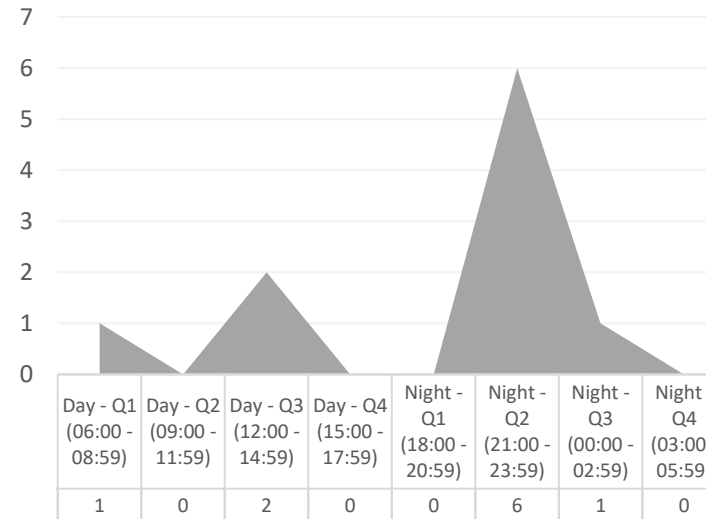
Project Incursion Rate: Length of TM data not available

Breakdown Rate: Length of TM data not available

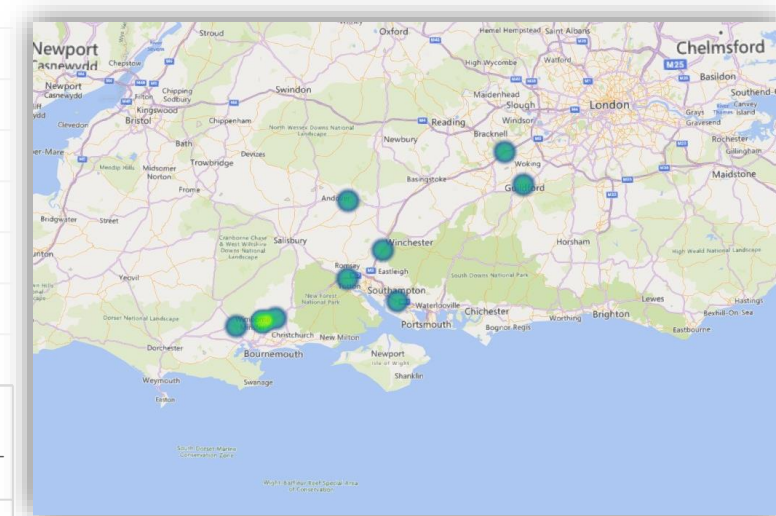
Area 3



Time Profile of Incursions recorded



Heatmap



Incursions Report

Directorate: Operations

Region: South East

Project: Area 3

Vehicle Incursions:

- A police van entered a closure area at high speed, bypassing traffic management operations and shouting at workers before speeding away. No registration details were obtained.
- A member of the public drove through a closure area, breaking through cones and accessing a roundabout within the works area.

Pedestrian Incursions:

- Multiple instances of pedestrians walking across closed areas were reported. Efforts were made to address these incursions, including raising awareness among the workforce and implementing additional safety measures such as padlocks on fencing.

Traffic Incidents:

- A motorcyclist attempted to enter a closure area to reach his house, becoming frustrated when denied access. Similarly, a grey car was reported driving the wrong way towards the works, but turned around and exited without incident.

Broken Down Vehicles:

- A vehicle broke down inside a closure area, requiring assistance from Traffic Officers (TOs) for recovery.

Traffic Management Responses:

- Traffic management teams responded promptly to incidents, utilising tools such as Intellicone alarms and communicating effectively with on-site teams to ensure safety protocols were followed.
- The project team was made aware of vehicle and pedestrian incursions, and appropriate interventions were implemented to address the situations.

Overall:

- Incursions by both vehicles and pedestrians posed risks to the safety of workers and the public within closure areas.
- Positive interventions such as effective communication, use of safety tools, and raising awareness among the workforce contributed to mitigating potential hazards and ensuring overall safety on-site.

Incursions Report

Directorate: Operations

Region: Midlands

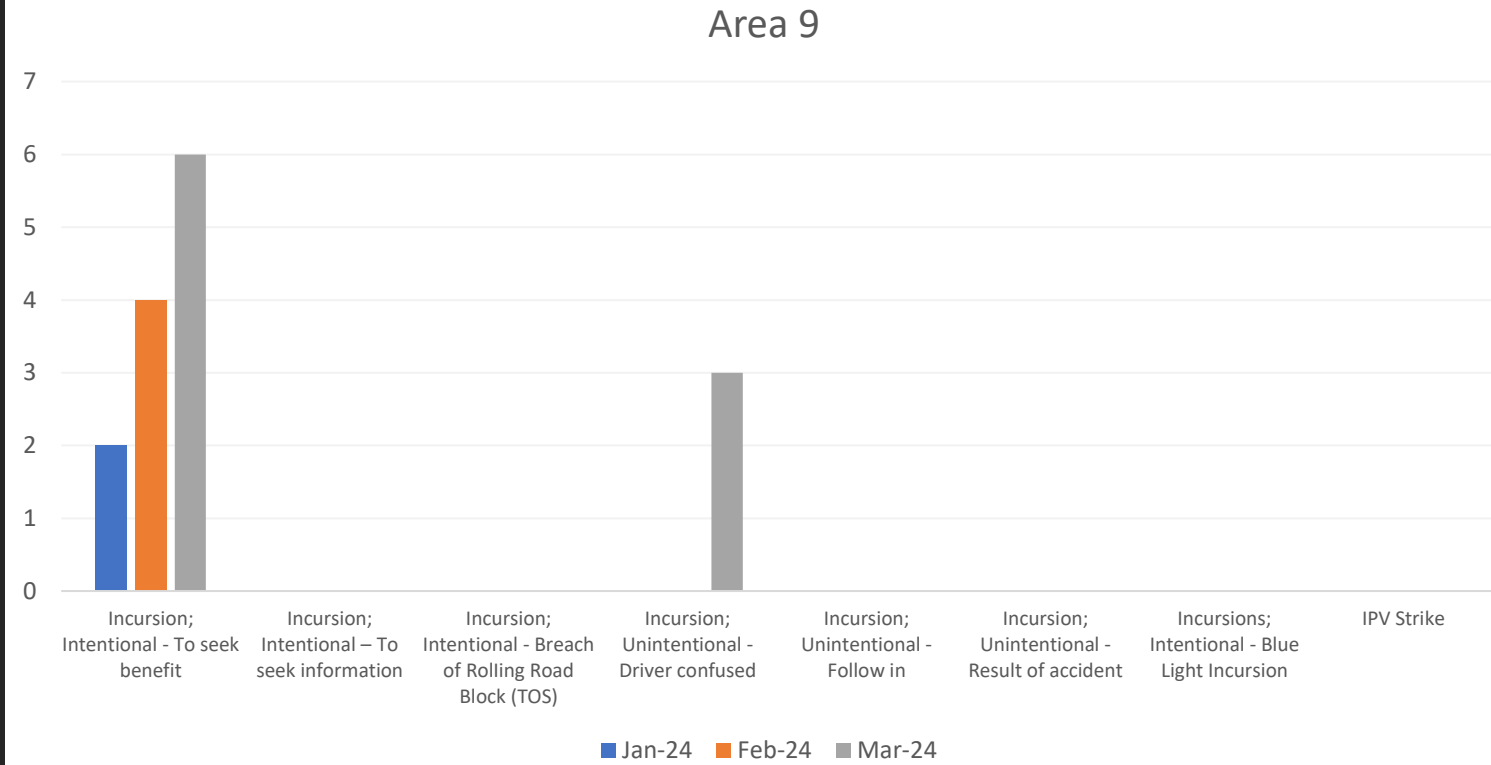
Project: Area 9

A total of 9 incursions have been recorded; with a 300% increase in 'Driver confused' type incursions together with a 50% increase in 'Seeking Benefit' type incursions

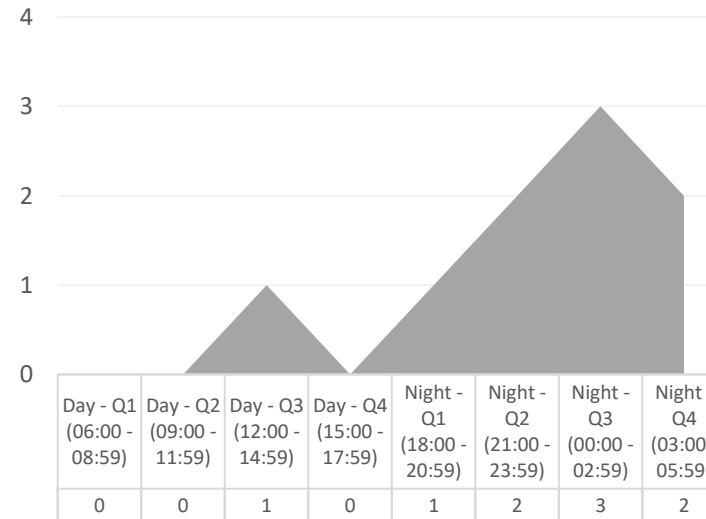
- Bottom left – Project Risk Rating with 'In-month' rating being worse than the 'Overall' rating & incursion rate per length of TM
- Bottom middle – Time profile for 'all' incursion types
- Bottom right – localised heatmap of 'all' incursion types

Type of Roadworks: Full & Lane Closures (Mainline & Slip)

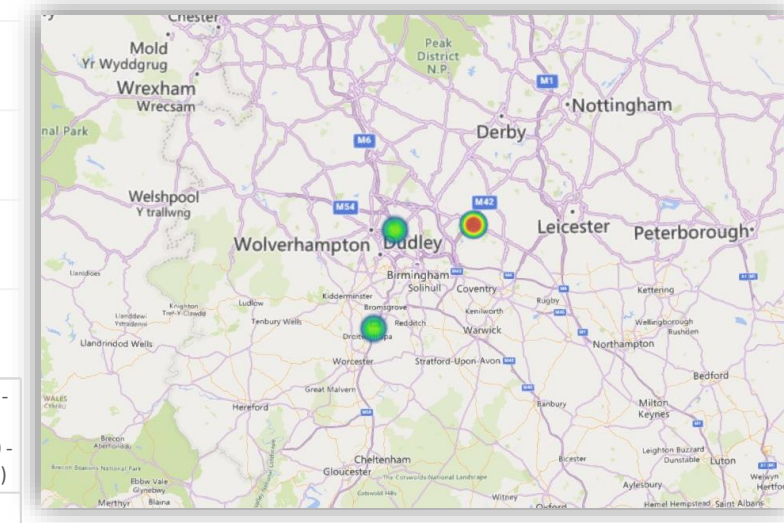
Type of TTM: Not Populated / Relaxed works (Lane & slip & links closures)



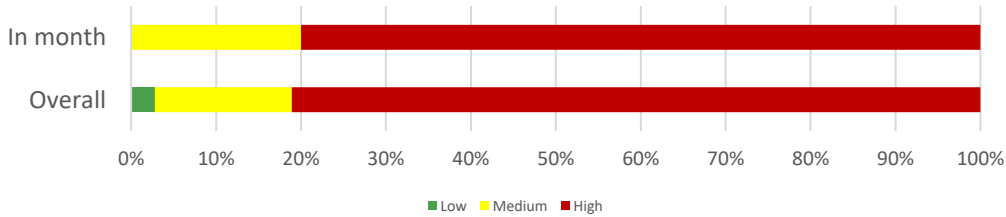
Time Profile of Incursions recorded



Heatmap



Project Risk Rating



Incursion rate per length of TM (Unknown)

Project Incursion Rate: Length of TM data not available

Breakdown Rate: Length of TM data not available

Incursions Report

Directorate: Operations

Region: Midlands

Project: Area 9

Vehicle Incursions:

- A white BMW pulled away from its escort at temporary traffic lights and drove up the Northbound entry slip, ignoring instructions from the escort.
- Multiple vehicles entered a closure area incorrectly, including one that drove the wrong way up the A5, another that entered the lane two closure from an industrial estate, and several others whose access was closed.
- A car went around the outside of an airlock and up the exit slip.

Pedestrian Incursions:

- A member of the public dismantled a gate to gain access to the closure area.

Traffic Incidents:

- A member of the public pulled into a closure area and wanted to use the exit slip despite it being closed.

Broken Down Vehicles:

- No broken down vehicles were reported in the provided incidents.

Traffic Management Responses:

- Escorts and traffic management personnel attempted to guide vehicles through closures and divert them, when necessary, but some drivers ignored instructions or became aggressive.

Overall:

- The incidents involved various vehicle incursions into closure areas, with some drivers ignoring instructions or attempting to dismantle barriers to gain access. Traffic management and law enforcement responded to these incidents, attempting to maintain safety protocols and redirect vehicles when necessary.

Incursions Report

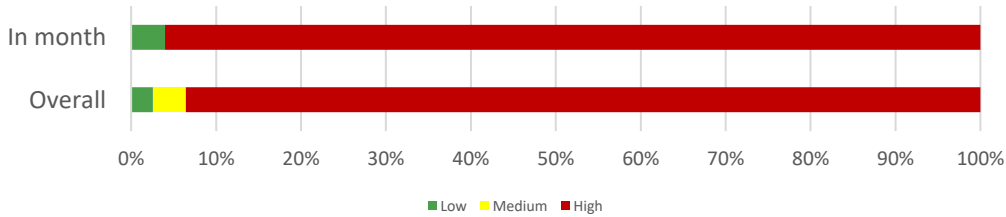
Directorate: **Operations**
 Region: **South East**
 Project: **DBFO - M25 (Area 5)**

A total of 7 incursions have been recorded; with a 100% increase in 'Blue Light' type incursions together with a no change from the previous month in Follow in' 69% decrease in 'Seeking Benefit' type incursions

- Bottom left – Project Risk Rating with 'In-month' rating being worse than the 'Overall' rating & incursion rate per length of TM
- Bottom middle – Time profile for 'all' incursion types
- Bottom right – localised heatmap of 'all' incursion types

Type of Roadworks: Full & Lane Closures (Mainline & Slip)
 Type of TTM: Not Populated / Relaxed works (Lane & slip & links closures)

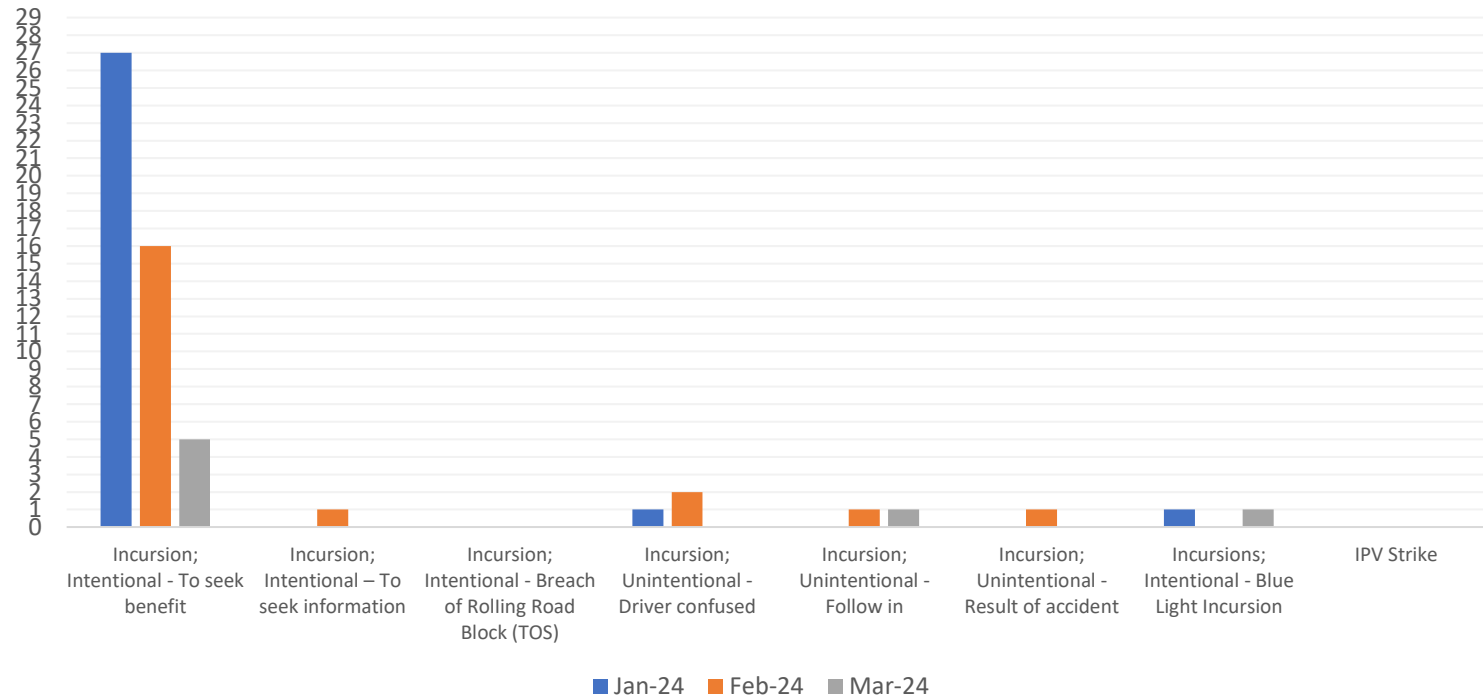
Project Risk Rating



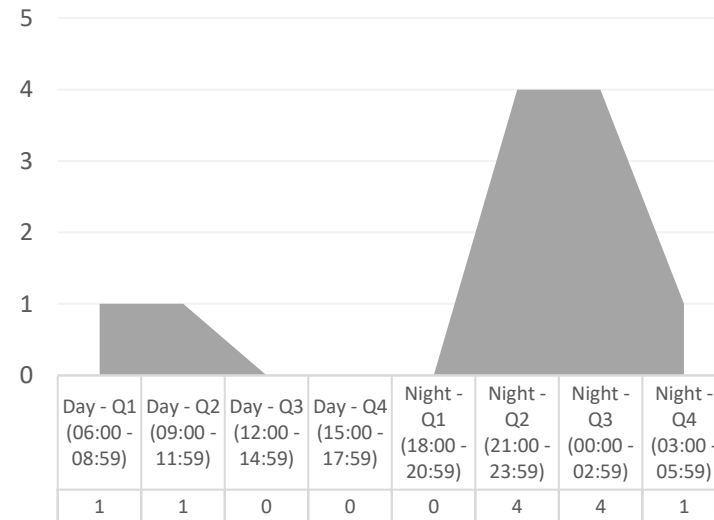
Incursion rate per length of TM (Unknown)

Project Incursion Rate: Length of TM data not available
 Breakdown Rate: Length of TM data not available

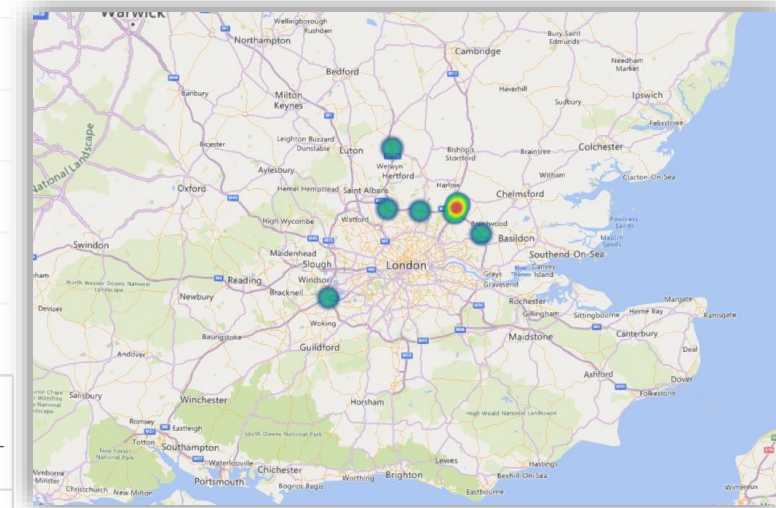
DBFO – M25 (Area 5)



Time Profile of Incursions recorded



Heatmap



Incursions Report

Directorate: Operations

Region: South East

Project: DBFO - M25 (Area 5)

Vehicle Incursions:

- A HGV and two cars entered an inner ring closure at M25 junction 23 roundabout. They were stopped by workers but left without being escorted. One driver complained about insufficient signage.
- An ambulance entered a TM closure at speed, passing through red traffic signals, risking pedestrian injury.
- A vehicle broke down within the taper of a full closure of the M40 A to M25 A&B links, causing a delay in resurfacing.

Pedestrian Incursions:

- No incidents of pedestrian incursions were reported in the provided data.

Traffic Incidents:

- A car broke down inside the TM taper during a night shift.

Broken Down Vehicles:

- Several vehicles broke down within closure areas, causing delays and safety concerns.

Traffic Management Responses:

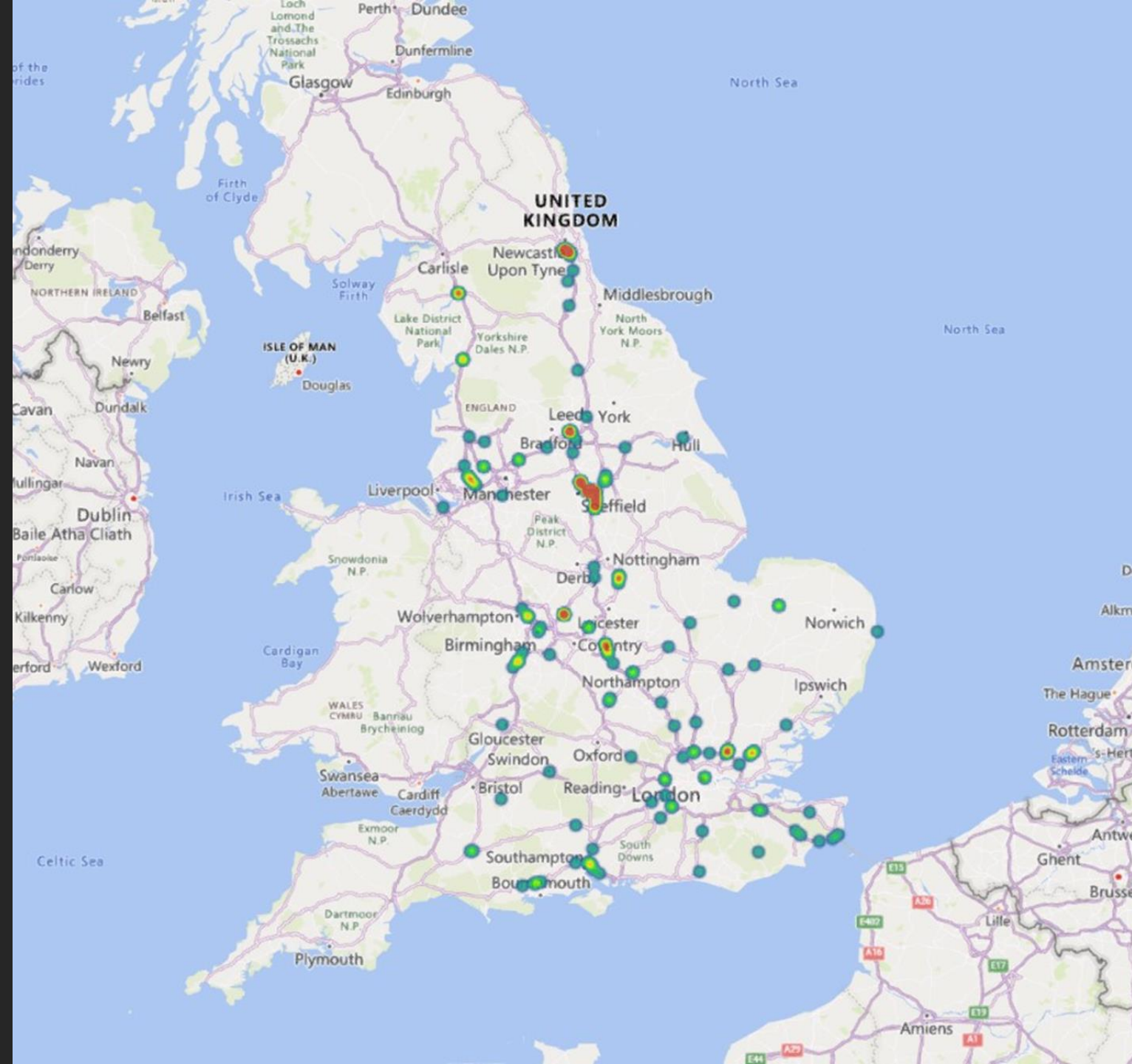
- Traffic management teams encountered various vehicle incursions and breakdowns and responded by addressing the situations, escorting vehicles when necessary, and ensuring safety protocols were followed.

Overall:

- The incidents involved multiple vehicle incursions into closure areas, some resulting in traffic delays and safety risks. Traffic management teams responded promptly to address the issues and maintain safety on the roads.

Heatmap of Incursions recorded in March 2024

- “98% of all incursions were recorded with coordinates”



Heatmap of all Incursions recorded (for the past 12 months)

