

IPV & Incursion Working Group Report – January 2024

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Project Manager - Major Projects Customer Service and Stakeholder Division

Rev 0 – 05/01/2024
Data Source: HART [WD2]



Incursions Report - Headline

To date, the total number of incursions recorded since October 2017 is **15132**

Kind of Event	Directorate				
	Major Projects	Operations	Outstations & ROCs	NH Offices & Depots	Grand Total
Incursion; Intentional - To seek benefit	850	2188	596	59	3693
Incursion; Intentional – Because of breakdown	4313	416	145	3	4877
Incursion; Intentional – To seek information	59	90	29	5	183
Incursion; Intentional - Breach of Rolling Road Block (TOS)	4	24	873	8	909
Incursion; Unintentional - Driver confused	957	662	272	41	1932
Incursion; Unintentional - Follow in	163	204	16	3	386
Incursion; Unintentional - Result of accident	319	190	69	5	583
Incursions; Intentional - Blue Light Incursion	60	80	1	2	143
IPV Strike	18	61	11	0	90
Incursion to seek information or benefit	233	1085	174	18	1510
Incursion unintentional - confused or follow in	181	429	210	6	826
Grand Total	7157	5429	2396	150	15132

Kind of Event	By Year (Jan – Dec)						
	Previous Years	2019	2020	2021	2022	2023	2024
Number of All Incursions recorded	788	2055 (+9.7%)	2313 (+12.6%)	3937 (+70.2%)	1808 (-54.1%)	2146 (prov)	2115

Incursions Report - Headline

211 Incursions were recorded for January 2024

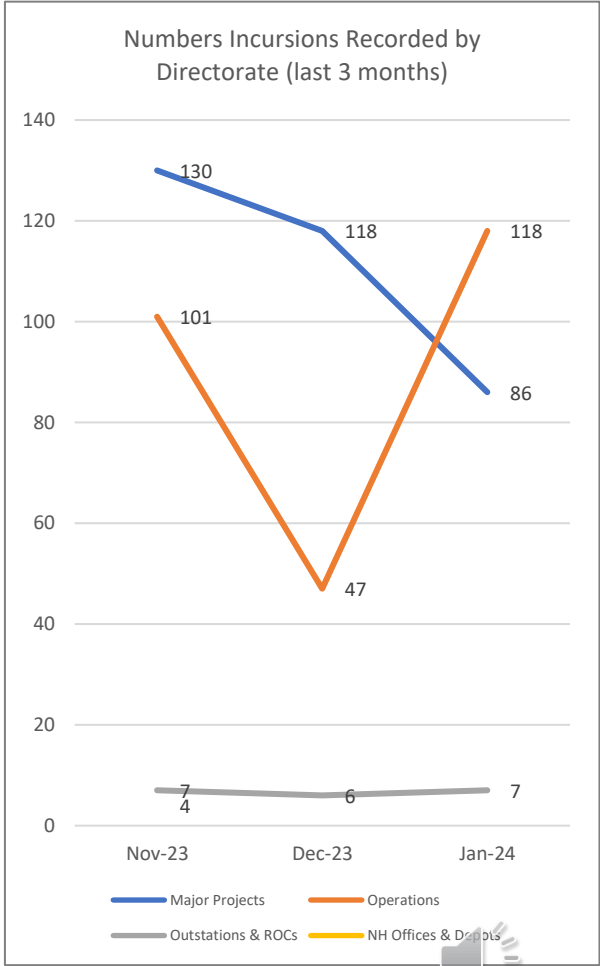
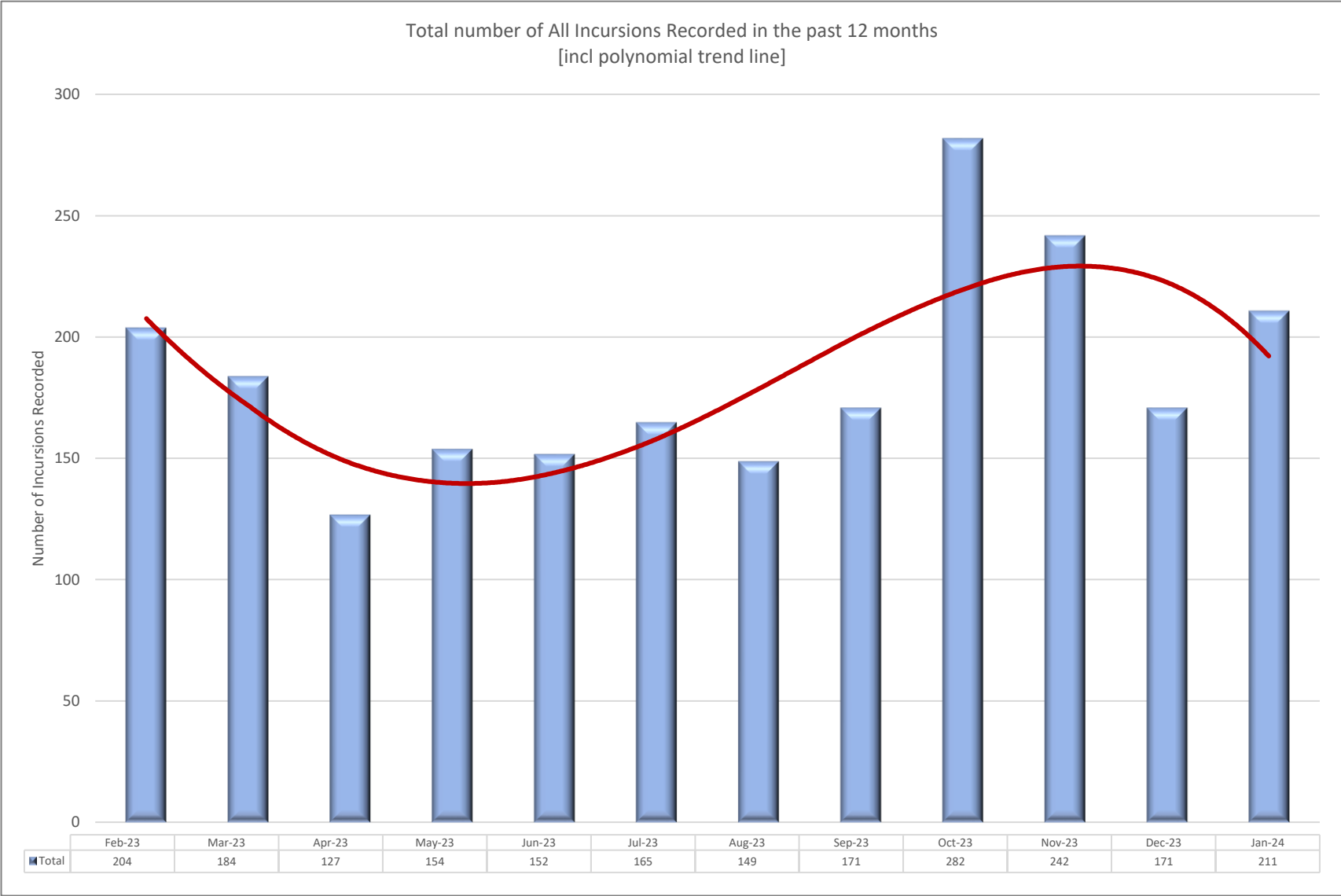
Kind of Event	Directorate				Grand Total
	Major Projects	Operations	Outstations & ROCs	NH Offices & Depots	
Incursion; Intentional - To seek benefit	9	85	6	0	100
Incursion; Intentional – Because of breakdown	51	9	0	0	60
Incursion; Intentional – To seek information	0	0	0	0	0
Incursion; Intentional - Breach of Rolling Road Block (TOS)	0	0	0	0	0
Incursion; Unintentional - Driver confused	15	8	1	0	24
Incursion; Unintentional - Follow in	0	9	0	0	9
Incursion; Unintentional - Result of accident	6	1	0	0	7
Incursions; Intentional - Blue Light Incursion	5	6	0	0	11
IPV Strike	0	0	0	0	0
Grand Total	86	118	7	0	211

Incursions Report - Headline

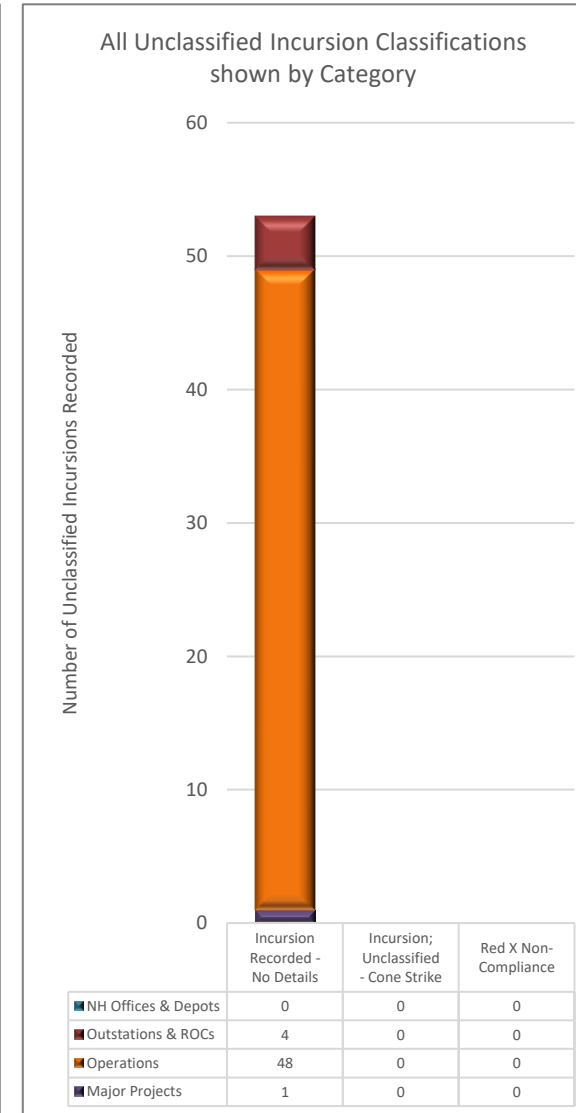
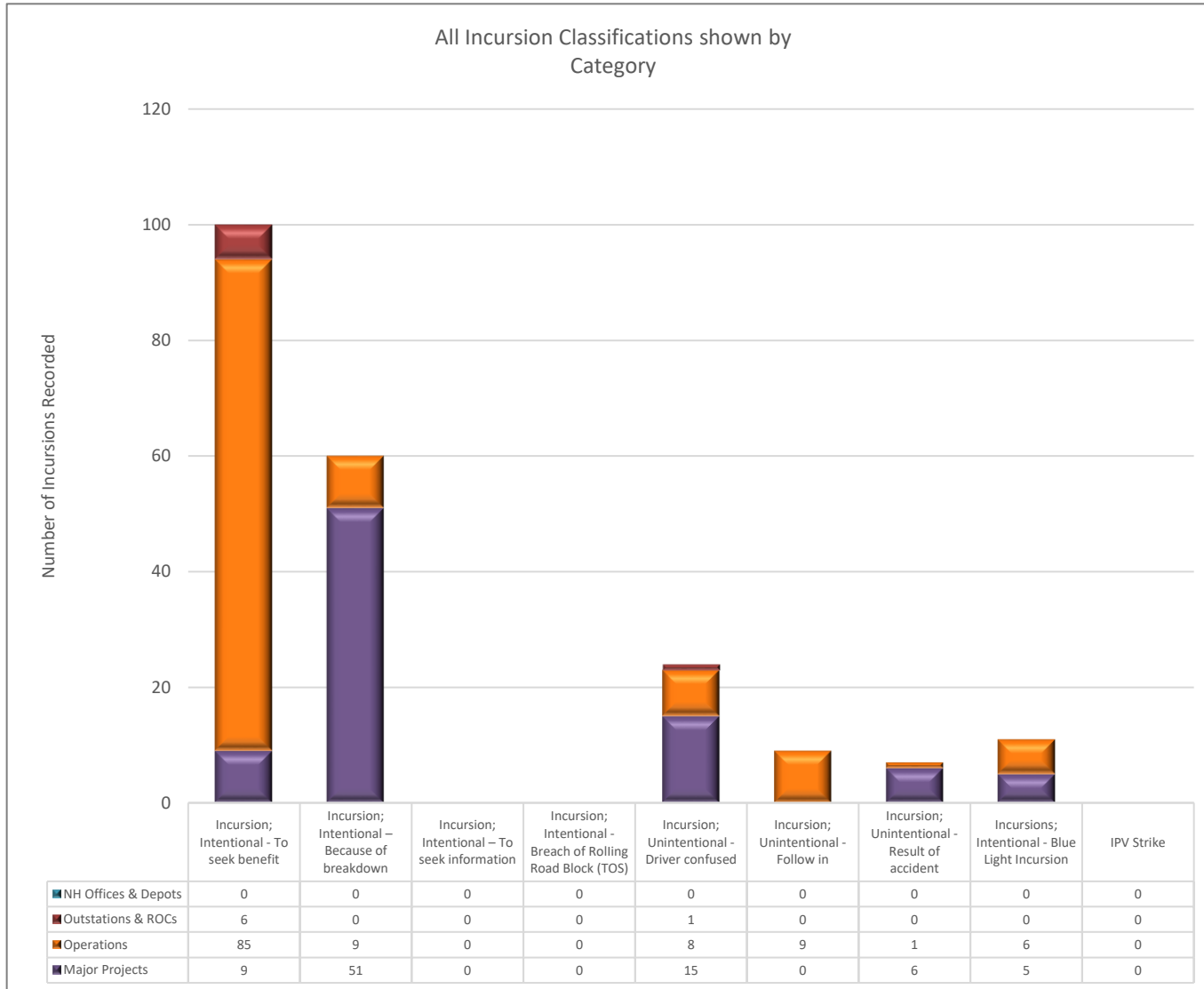
Table shows the average number of incursions recorded by directorate and type over the past 12-month period (I/m)

Incursion Category	Directorate			Comments
	Major Projects	Operations	Outstations & ROCs	
Incursion; Intentional - To seek benefit	14.25 (↓) [-1.17 I/m]	56.42 (↑) [4.50 I/m]	4.33 (↑) [0.08 I/m]	Operations has seen an increase of this type of incursions and over the past 12 months have seen an increase of 102% since Jan 23
Incursion; Intentional – To seek information	1.08 (=) [0.00 I/m]	1.42 (=) [0.00 I/m]	0.00 (=) [0.00 I/m]	No real change this month; overall figures have been consistent over the past 12 months
Incursion; Intentional – Because of breakdown	36.00 (↑) [3.33 I/m]	6.92 (↑) [0.08 I/m]	0.58 (↓) [-0.08 I/m]	MP has seen an increase of this type of incursions and over the past 12 months have seen a decrease of 29% when compared to Jan 23
Incursion; Intentional - Breach of Rolling Road Block (TOS)	0.00 (=) [0.00 I/m]	0.17 (=) [0.00 I/m]	0.83 (=) [0.00 I/m]	
Incursion; Unintentional - Driver confused	18.58 (↑) [0.75 I/m]	14.17 (↓) [-0.58 I/m]	1.50 (=) [0.00 I/m]	MP has seen an increase of this type of incursions and over the past 12 months have seen an increase of 49% since Jan 23
Incursion; Unintentional - Follow in	3.50 (↑) [0.08 I/m]	5.50 (↑) [0.50 I/m]	0.00 (=) [0.00 I/m]	Operations has seen an increase of this type of incursions and over the past 12 months have seen an increase of 128% since Jan 23
Incursion; Unintentional - Result of accident	6.58 (↑) [0.17 I/m]	3.42 (↓) [-0.33 I/m]	0.17 (↓) [-0.08 I/m]	MP has seen an increase of this type of incursions and over the past 12 months have seen an increase of 139% since Jan 23
IPV Strike	0.08 (↓) [-0.08 I/m]	1.75 (↑) [0.25 I/m]	0.25 (↑) [0.17 I/m]	Operations has seen an increase of this type of incursions and over the past 12 months have seen an increase of 11% since Jan 23
Incursions; Intentional – Blue Light Incursion	2.83 (↑) [0.08 I/m]	4.33 (=) [0.00 I/m]	0.08 (=) [0.00 I/m]	Operations has seen an increase of this type of incursions and over the past 12 months have seen an increase of 86% since Jan 23

Incursions Report – All Incursions



Incursions Report – All Incursions during January 24



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

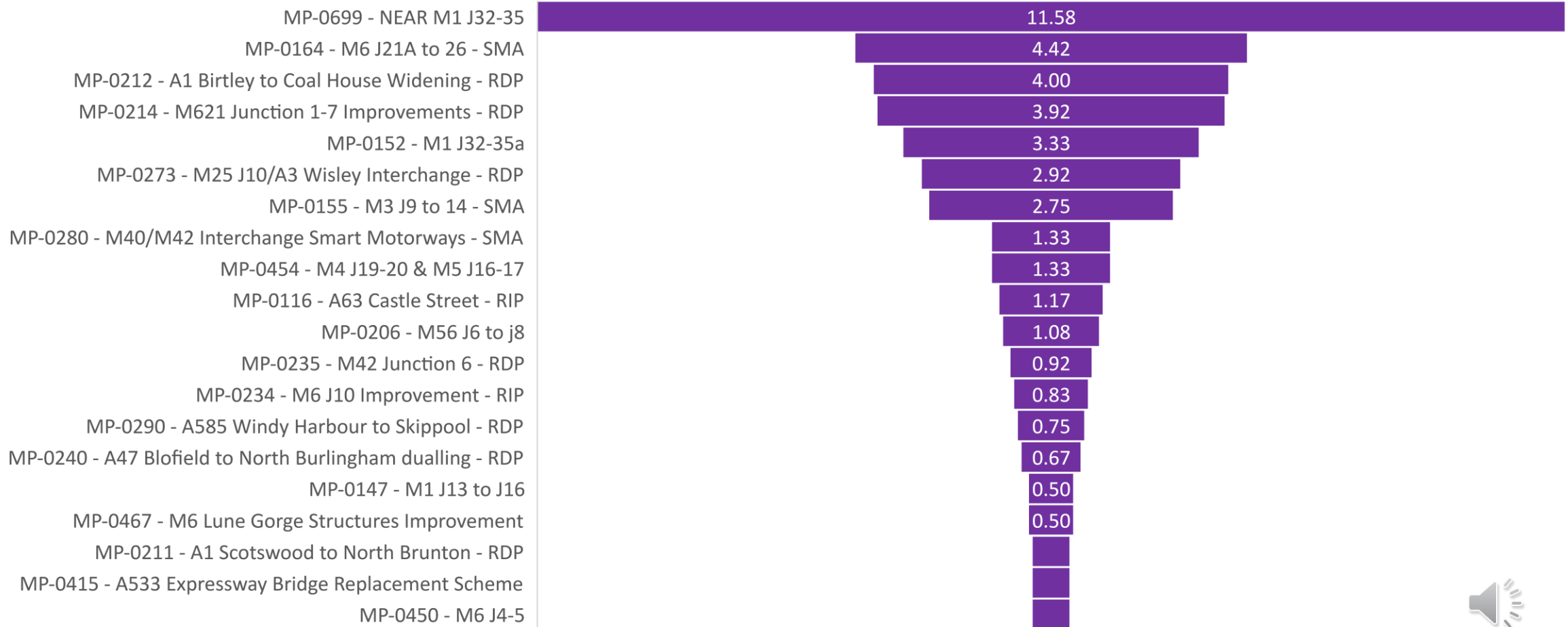
1. Incursion; Intentional - To seek benefit [100]
2. Incursion; Unintentional - Driver confused [24]
3. Incursions; Intentional - Blue Light Incursion [11]
4. Incursion; Unintentional - Follow in [9]
5. Incursion; Unintentional - Result of accident [7]
6. Incursion; Intentional - To seek information [0]
7. Incursion; Intentional - Breach of Rolling Road Block (TOS) [0]
8. IPV Strike [0]

Note - Incursion; Intentional - Because of breakdown [60]



Incursions Report for Major Projects

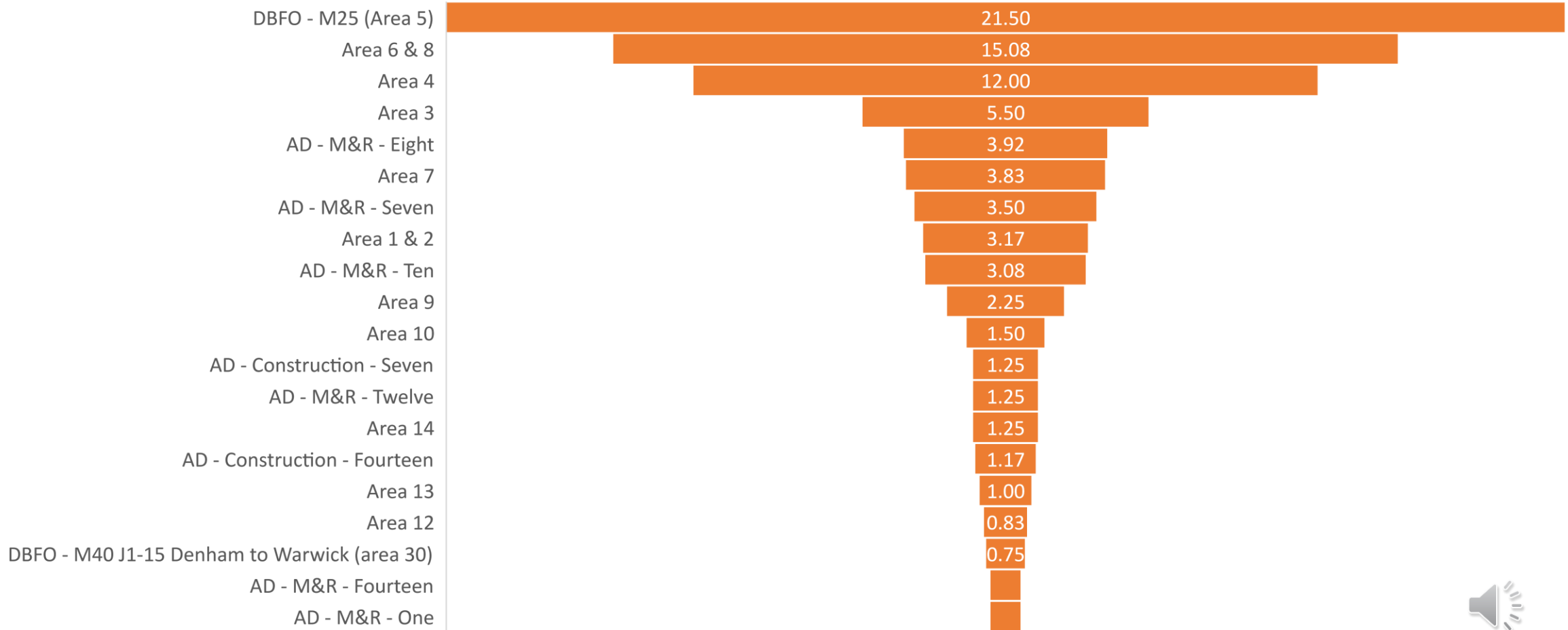
12 month rolling average of the number of all 'Incursions per Month'*



- 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

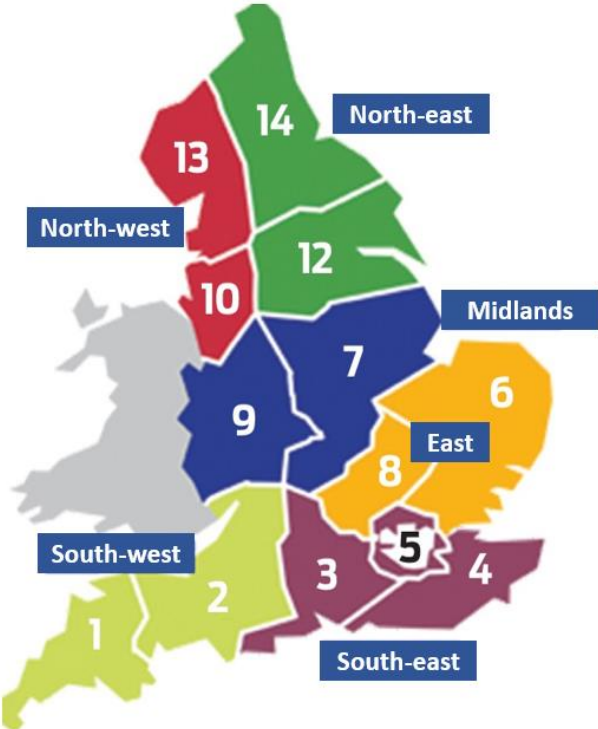
12 month rolling average of the number of all 'Incursions per Month'*



* Excluding incursions as a result of breakdown

Incursions Report by 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	404	27	431
South East	31	253	284
Midlands	129	63	192
East	10	140	150
North West	52	40	92
South West	9	28	37

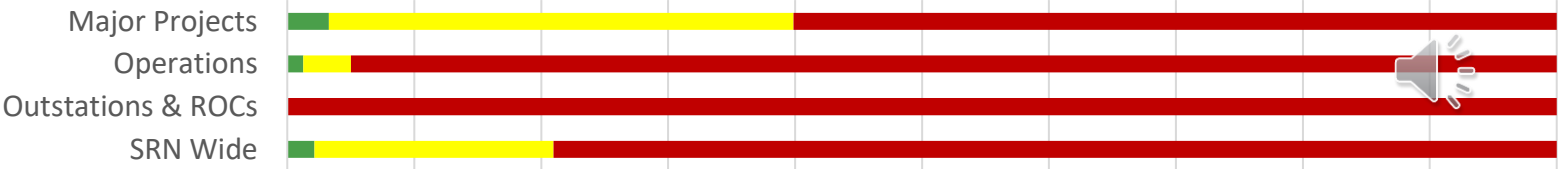


All Incursions (from 2017 to current)

Incursion Risk Ratings for all incursions recorded and in month



January 2024

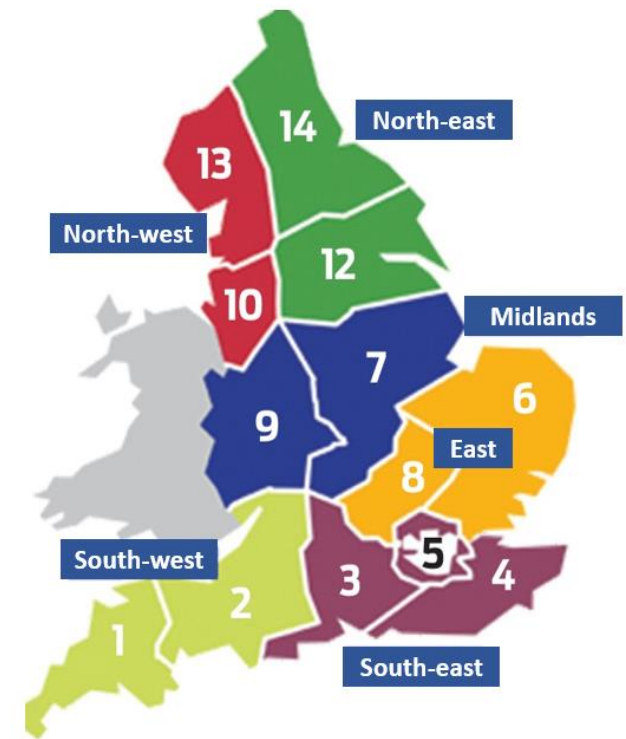


0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

Low Medium High

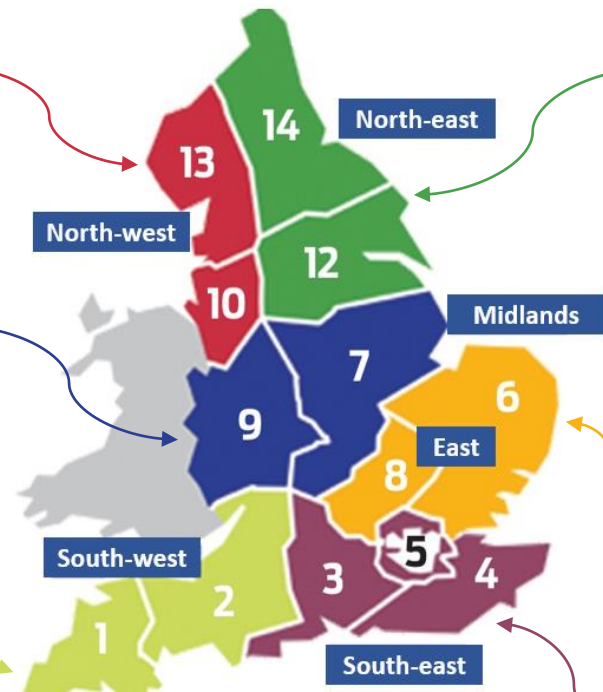
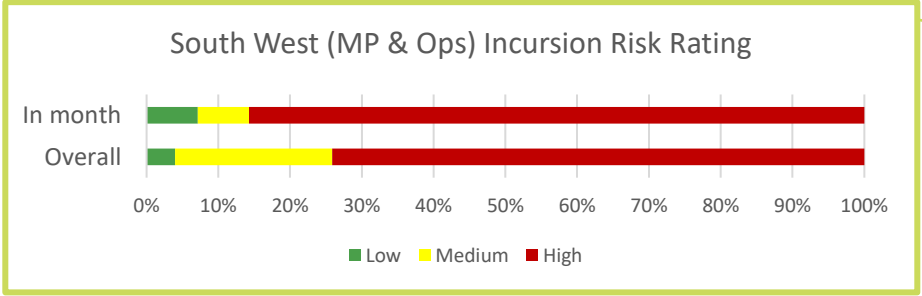
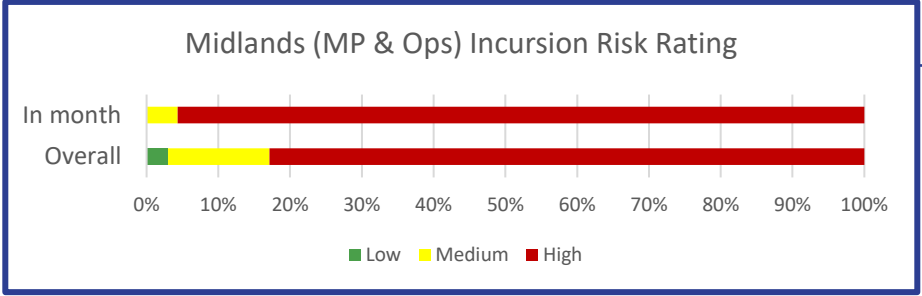
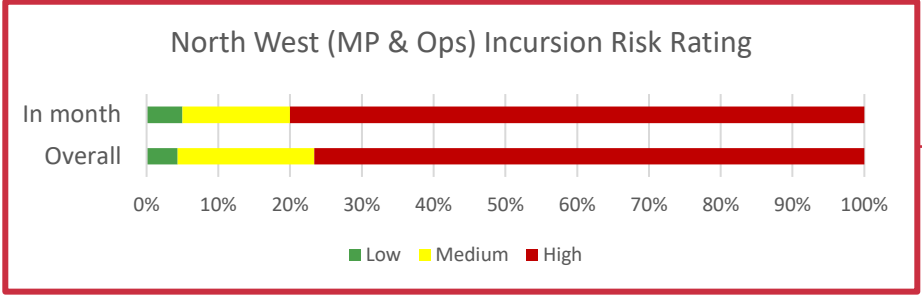
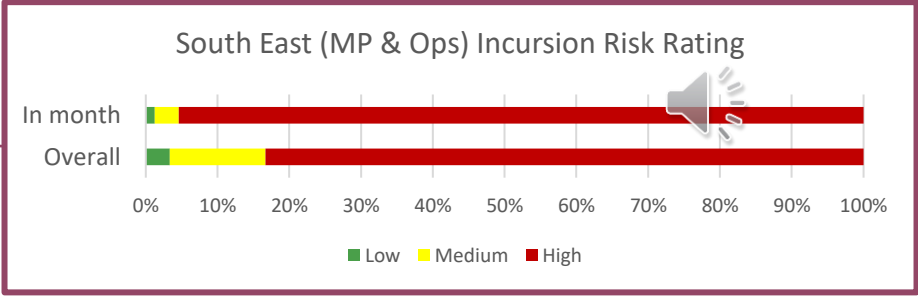
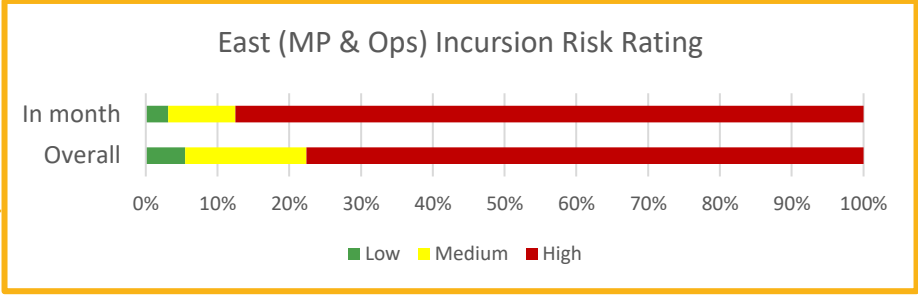
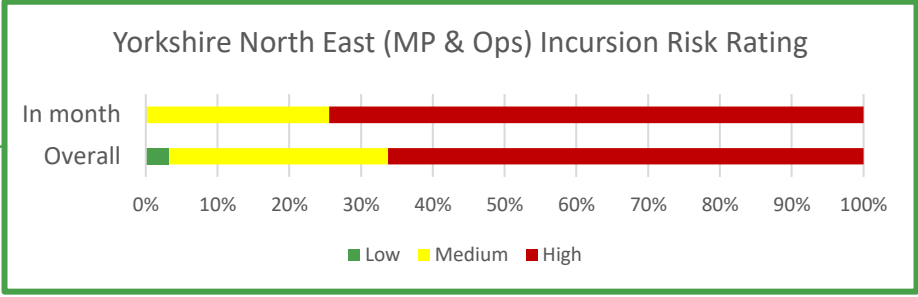
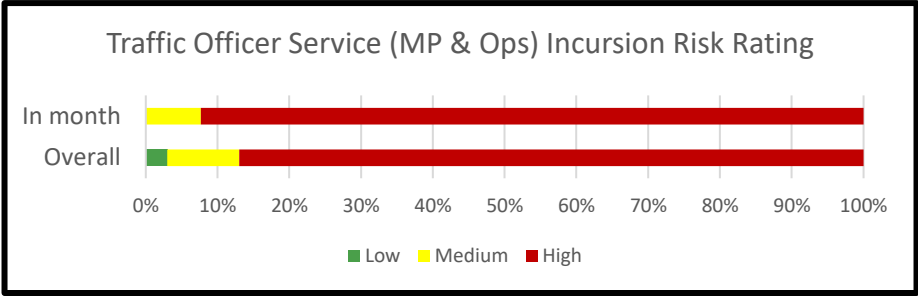
Incursions Report by Region & Category

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	404	27	431
South East	31	253	284
Midlands	129	63	192
East	10	140	150
North West	52	40	92
South West	9	28	37



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
Yorkshire & North East	4	3	0	0	0	0	11	0	0	0	6	0	0	0	3	0	41	1	65	4	69	
South East	2	53	0	0	0	0	1	3	0	3	0	0	0	0	2	1	4	4	65	69		
Midlands	0	10	0	0	0	0	1	0	0	0	0	1	0	0	0	6	1	7	19			
East	0	10	0	0	0	0	1	2	0	2	0	0	0	2	2	0	0	2	16	18		
North West	3	4	0	0	0	0	1	2	0	2	0	0	0	1	0	3	2	8	10	18		
South West	0	4	0	0	0	0	0	1	0	2	0	0	0	0	2	0	1	0	10	10		

Incursions Report by Region & Risk



Blue Light Incursions Report - Headline

143 Blue Light Incursions have been recorded since February 2022 with **11** being recorded in January 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
148823	03/01/2024	00:03:00	Operations	East - Operations	East - Asset Delivery	AD - M&R - Eight	Lane Closure - Mainline	Relaxation works – Lane closure	Carriageway B	APTR A428 Prior to A1198 R/bt Papworth Everard N/a	Lane 2 closure for gully sucking	Fire engine drove through the closure until they reached the round about under blue lights	Notified all ops onside to be vigilant in case it happens again
148825	03/01/2024	21:37:00	Operations	East - Operations	East - Area Contracts	Area 6 & 8	Lane Closure - Mainline	Standard works – Narrow Lane system inc. slips and links	Not populated	Not populated	lane closure	An unmarked police car pulled into the lane 2 closure to overtake all members of public and the RRB vehicle	TSCO called ROC to create a near miss Log 3256 Harry collar 7502 Traffic Management Manager has contacted Essex Police and they are dealing with the driver
148835	04/01/2024	03:25:00	Operations	South West - Operations	South West - Asset Delivery	AD - M&R - One	Full Closure - Slip Road	Standard works – Narrow Lane system inc. slips and links	Carriageway Slip Rd L	M4 J15 123/9	Full closure on the Eastbound Exit slip M4 J15, vehicle pulled into closure	Vehicle pulled into the full closure on the exit slip J15 L slip J15 M4- He had hazard lights on his car, no chapter 8 markings, no company markings, no beacons. Driver advised that he was here for the private Investigation, he continued to say the police.	The driver was stopped from driving to scene as we have been instructed that no one is to be let through the closure.



Blue Light Incursions Report - Headline

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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
149222	15/01/2024	14:00:00	Major Projects	East - Major Projects	East - RIP	MP-0240 - A47 Blofield to North Burlingham dualling - RDP	Not populated	Verge only work	Works area / safety zone access or exit point	Not populated	Archaeology - Area 8 - Strip Map and Record - hand excavation only.	Police using blue lights, pursuing a silver BMW, a controlled stop by the police.	Reported on Internal SBD App.
149264	17/01/2024	10:45:00	Operations	South West - Operations	South West - Area Contracts	Area 1 & 2	Lane Closure - Mainline	Relaxation works - Lane closure	Carriageway A	M4 Between junction's 17 to 18 west bound 162/7	614519 M4 Cotswolds AONB Landscape Implementation	Police escort motorcycle drove in an out of tm through the cones while escorting military vehicles.	Stoped work and reported to the Forest Traffic Management supervisor.



Blue Light Incursions Report - Headline

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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
149341	17/01/2024	22:45:00	Operations	South East - Operations	South East - DBFO	DBFO - M25 (Area 5)	Not populated	Not populated	Not populated	Not populated	Road closure	Police vehicle drove inside of the closure speeding. When the vehicle reached works area, I signalled the officer to slow down and to get out of the closure as we had a 50T crane set up. With speed, the officer swerved back into live lane 3 and continued to pressure the public in live lane 3 forcing multiple public vehicles to swerve into the closure through the cones and let them pass	Raised a near miss and added the incursion information to the briefing for the following shift.
149414	22/01/2024	13:13:00	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	Description suggests that this was an RTC.	



Blue Light Incursions Report - Headline

143 Blue Light Incursions have been recorded since February 2022 with **11** being recorded in January 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
149429	20/01/2024	21:42:00	Operations	South East	South East - Technical Surveys & Testing	TST - TST(N) - Four	Not populated	Not populated	Not populated	A34 Hinksey Hill 75/3B	Drainage Survey	A police car with its blue lights on stopped next to the TM and asked a nearby operative to move a cone as they wished to drive through site. The operative moved the cone and the police car drove through site at roughly 30mph passed the workforce. The police drove through site before any action could be taken to notify the workforce of their presence. No one was injured during this incursion	Extra cones and chicane added to slow traffic
149443	23/01/2024	00:50:00	Major Projects	Yorkshire & North East	Yorkshire & North East - RIP	MP-0212 - A1 Birtley to Coal House Widening - RDP	Not populated	Not populated	Not populated	Not populated	General Scheme Works	Blue light incursion, police chase, when the car pulled into the access and travelled towards working area where the car could not get past so made a U-turn and head back out of the works access and travelled the wrong way back up the slip road hitting 2 cones while evading the police	Not Populated



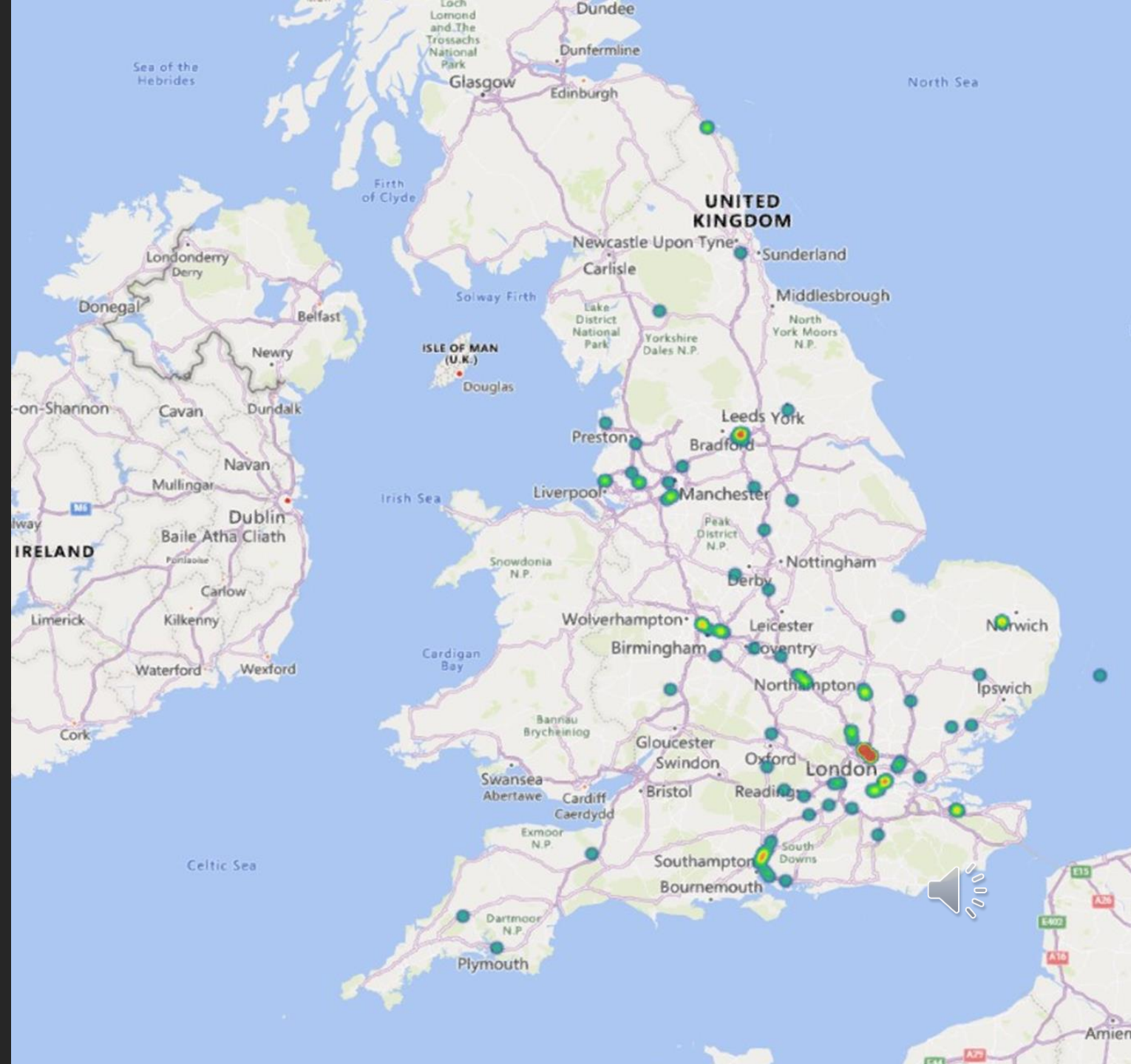
Blue Light Incursions Report - Headline

143 Blue Light Incursions have been recorded since February 2022 with **11** being recorded in January 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
149688	30/01/2024	14:45:00	Major Projects	North West - Major Projects	North West - RIP	MP-0290 - A585 Windy Harbour to Skippool - RDP	Lane Closure - Mainline	Standard works – Narrow Lane system inc. slips and links	Traffic management enclosure	A585 Between Skippool and Poulton Junctions Not known	Bypass drive through	As driving the new A585 bypass heading from Skippool to Poulton, a Police Car with blue lights flashing drove in the working area, behind the TM. Eleri Evans was driving the vehicle I was travelling in at the time the event occurred.	Advised Project Director and TCSO.
149761	30/01/2024	20:18:00	Major Projects	Yorkshire & North East - Major Projects	Yorkshire & North East - SMP	MP-0699 - NEAR M1 J32-35	Lane Closure - Mainline	Standard works – Narrow Lane system inc. slips and links	Works area / safety zone access or exit point	M1 34 264.2	National Emergency Area Retrofit	VEHICLE INVOLVED IN A POLICE INCIDENT. DRIVER ARRESTED, POLICE TO RECOVER	Not Populated



Heatmap of all Blue Light Incursions (BLI) recorded



IPV Strike Report - Headline

90 IPV strikes have been recorded since January 2019 with **0** being recorded in January 2024 (Edited Record)

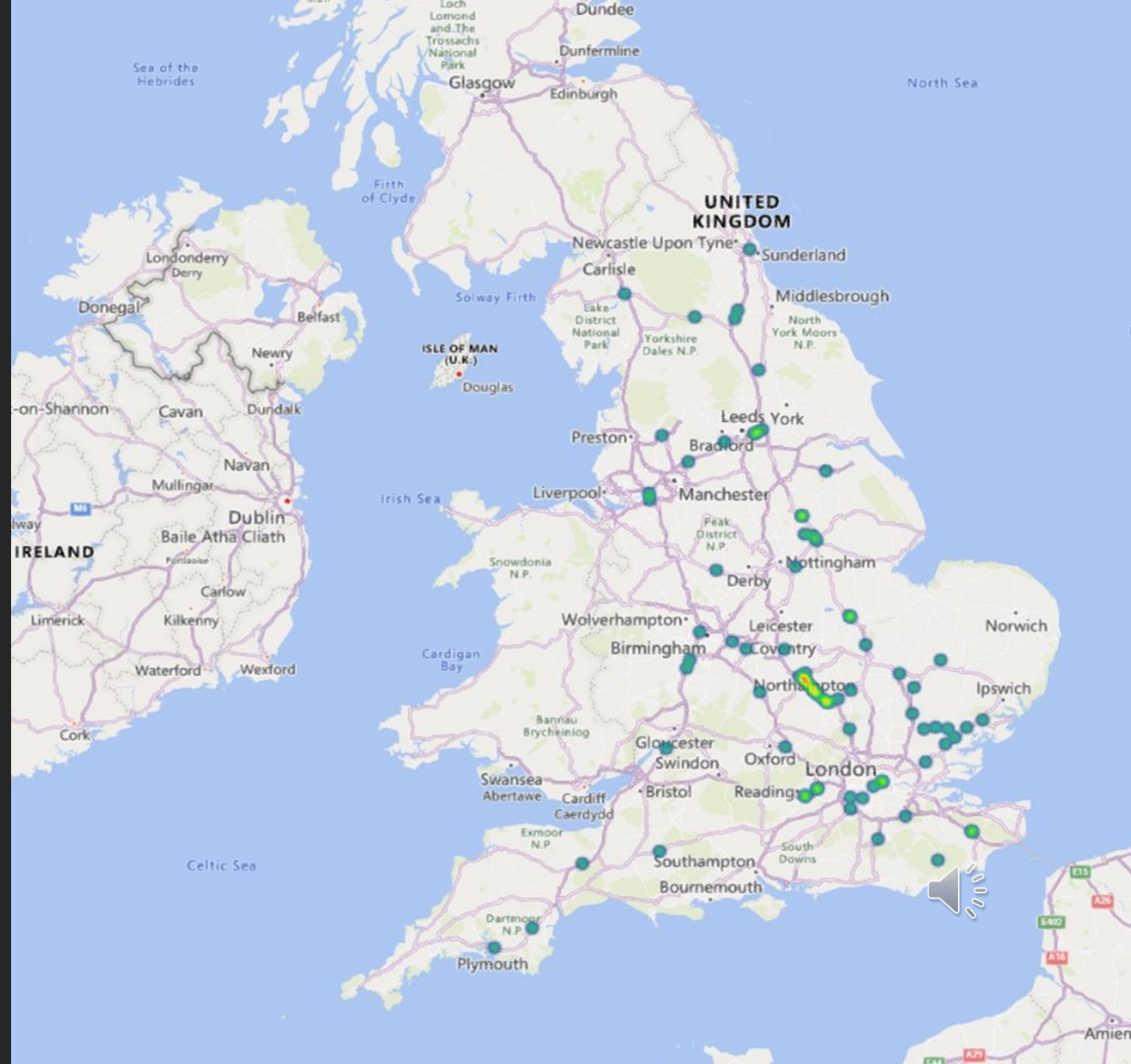
Record ID	Date	Time	Directorate	Region	Programme	Site / Project	Type of Closure	Type of TTM	Location	Specific Location	Details of actual job being done	Describe the facts of what happened	Immediate Actions Taken



Heatmap of
IPV Strikes
recorded
during
January 24



Heatmap of all IPV Strikes recorded



Incursions Report

Directorate: Major Projects

Region: Yorkshire & North East

Project: MP-0699 - NEAR M1 J32-35

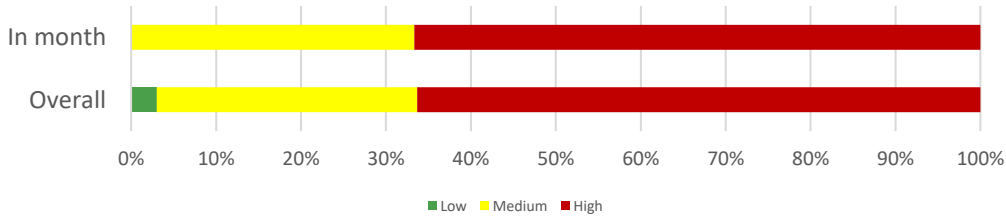
A total of 20 incursions have been recorded; with a 100% increase in 'Blue Light' type incursions together with a 50% decrease in 'Driver confused' 40% decrease in 'Seeking Benefit' incursions, with a 50% decrease in 'Result of accident' type incursions

- 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

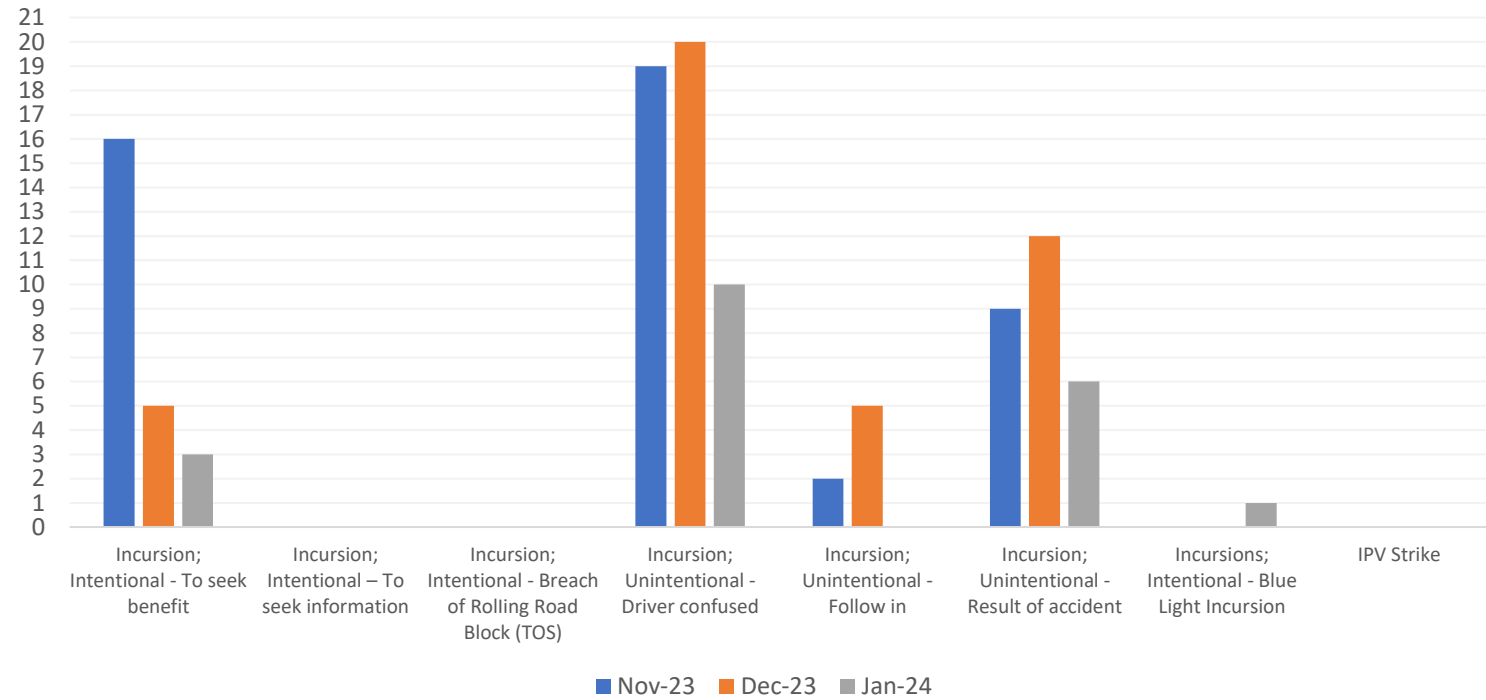


Incursion rate per length of TM (Unknown)

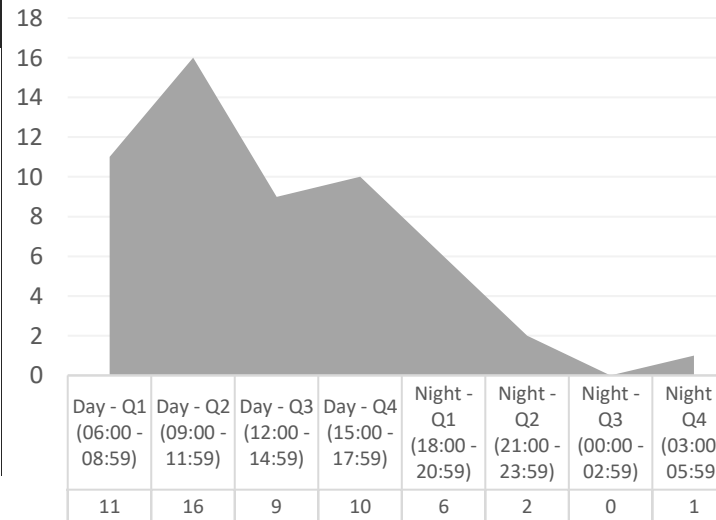
Project Incursion Rate: Length of TM data not available

Breakdown Rate: Length of TM data not available

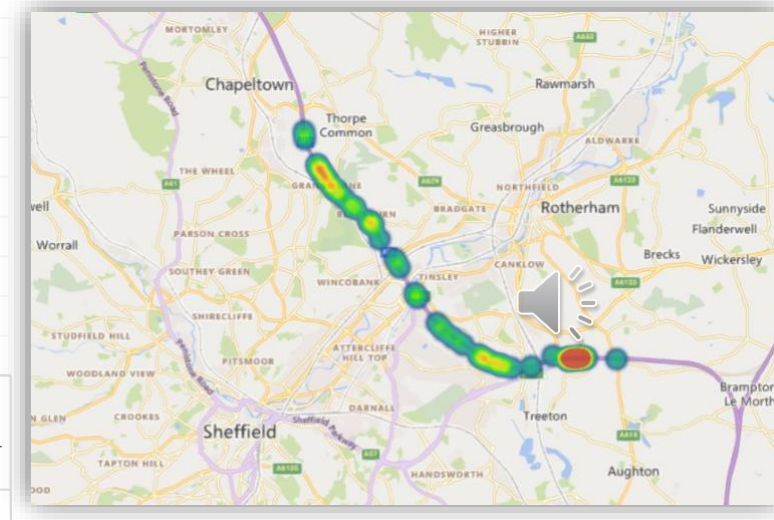
MP-0699 - NEAR M1 J32-35



Time Profile of Incursions recorded



Heatmap



Incursions Report

Directorate: Operations

Region: South East

Project: DBFO - M25 (Area 5)

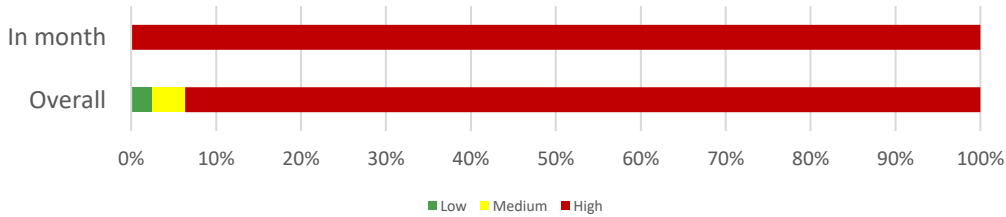
A total of 29 incursions have been recorded; with a 180% increase in 'Seeking Benefit' type incursions together with a incursions, with a 50% decrease in 'Blue Light' type incursions

- 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

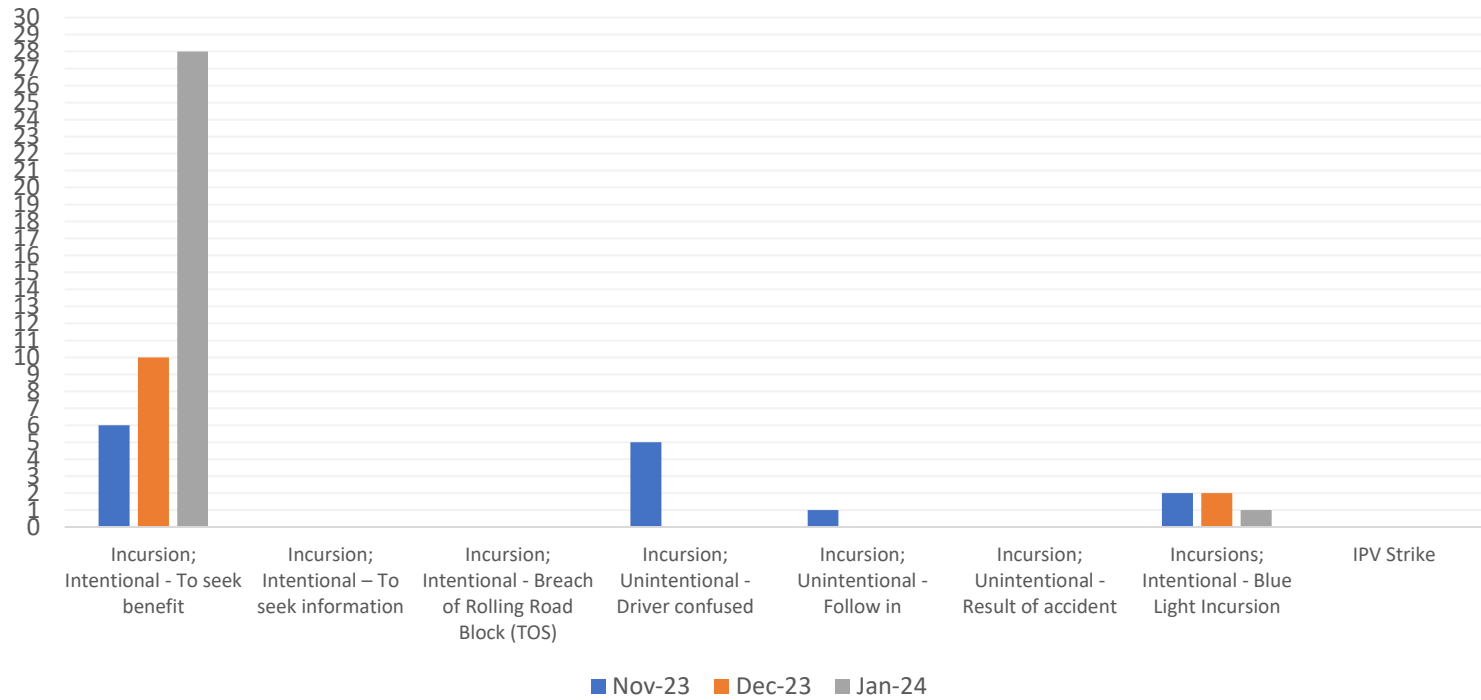


Incursion rate per length of TM (Unknown)

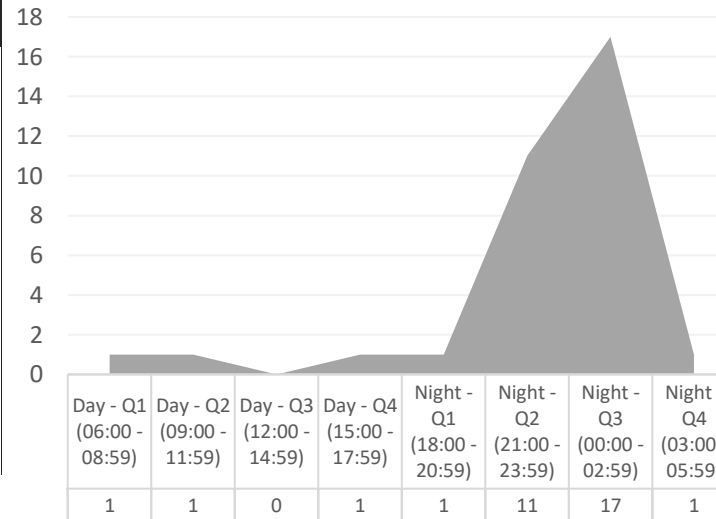
Project Incursion Rate: Length of TM data not available

Breakdown Rate: Length of TM data not available

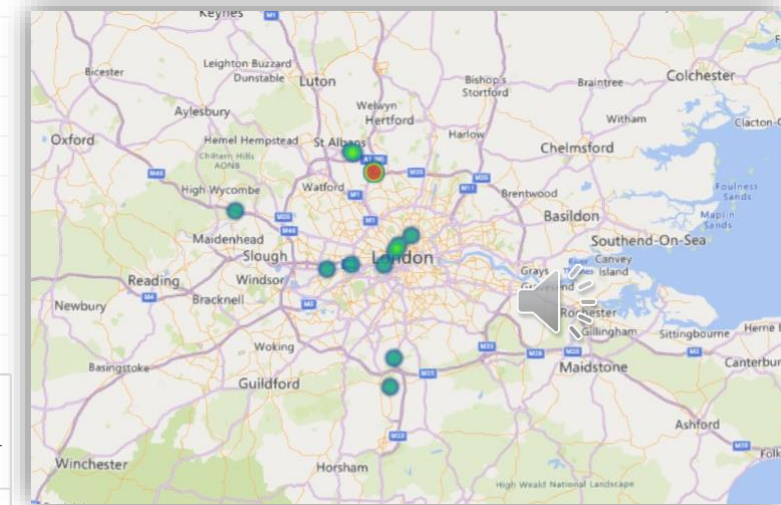
DBFO – M25 (Area 5)



Time Profile of Incursions recorded



Heatmap



Incursions Report

Directorate: **Operations**
 Region: **South East**
 Project: **Area 4**

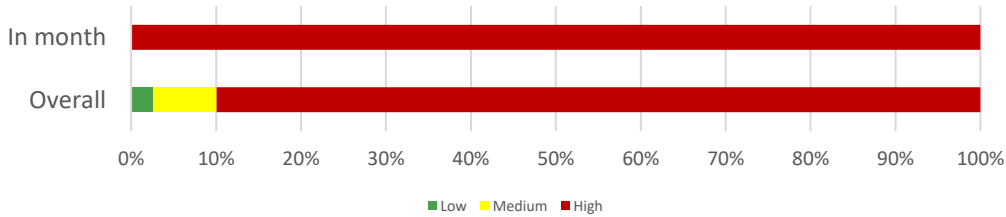
A total of 21 incursions have been recorded; with a 200% increase in 'Seeking Benefit' type incursions together with a type incursions

- Bottom left – Project Risk Rating with 'In-month' rating being worse than the 'Overall' rating & incursion rate per length of TM
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- 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

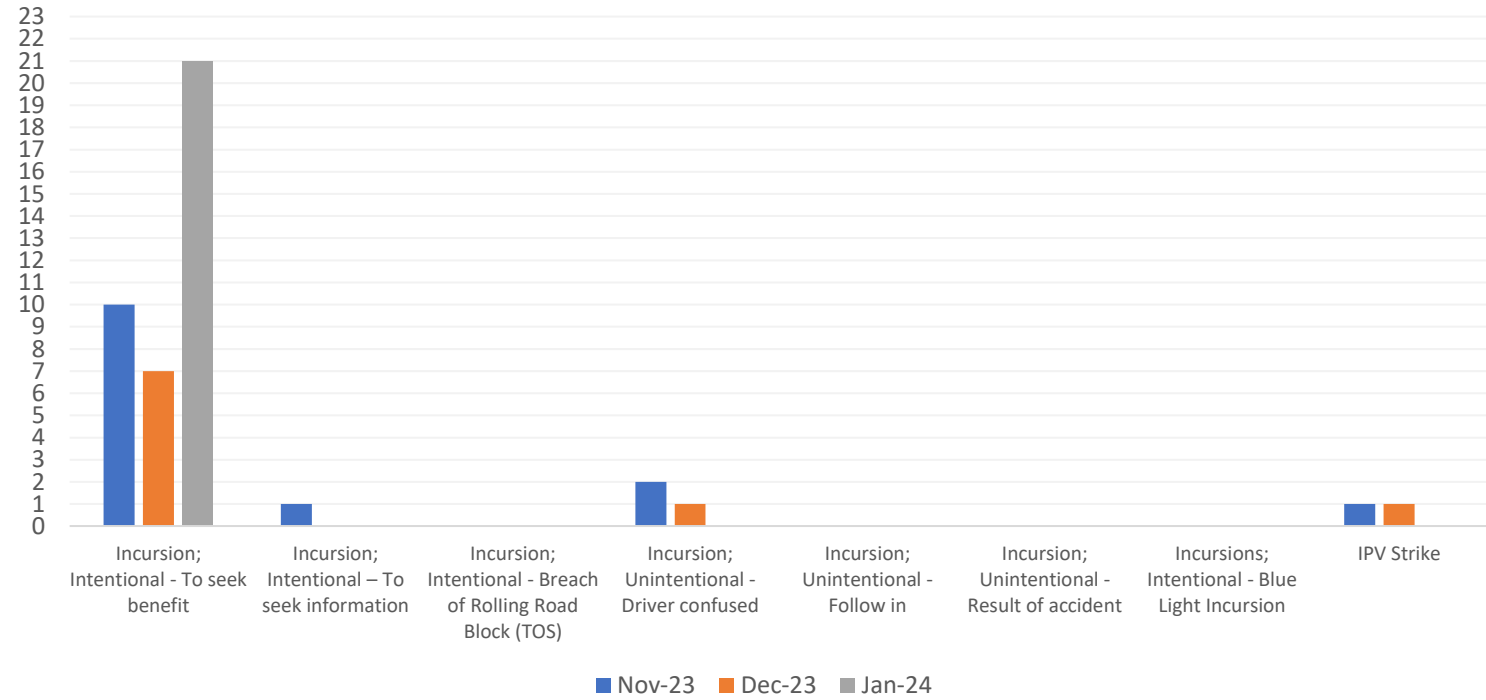


Incursion rate per length of TM (Unknown)

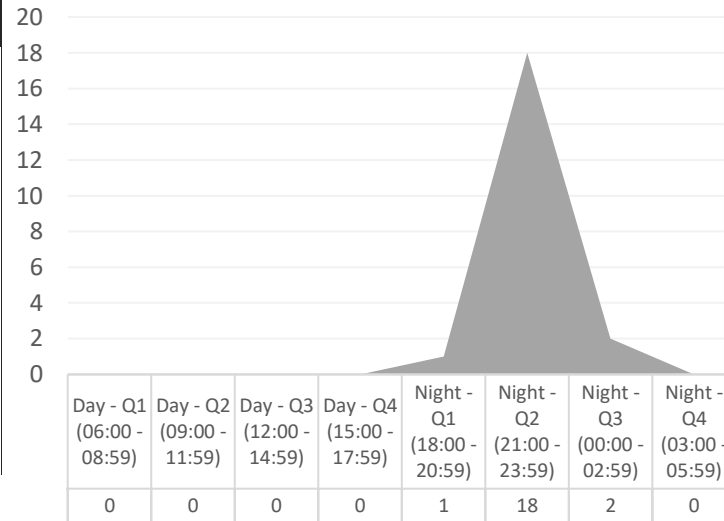
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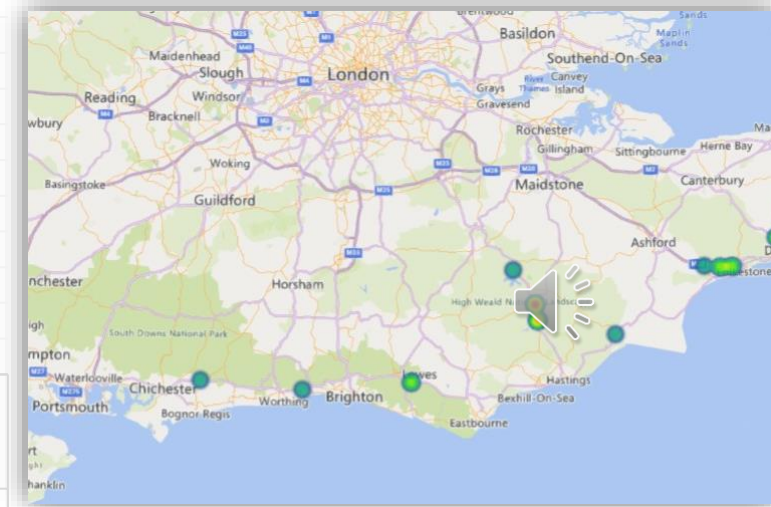
Area 4



Time Profile of Incursions recorded



Heatmap



Incursions Report

Directorate: Operations

Region: East

Project: Area 6 & 8

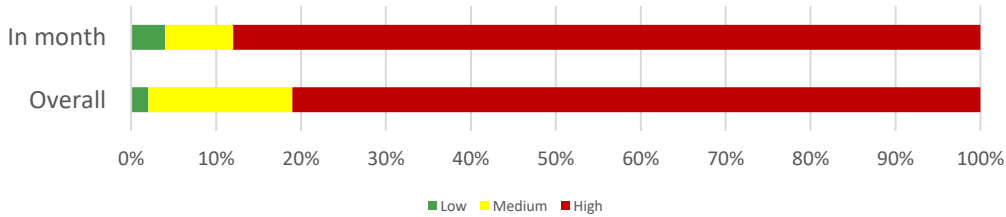
A total of 15 incursions have been recorded; with a 1000% increase in 'Seeking Benefit' type incursions together with a 200% increase in 'Driver confused' 100% increase in 'Blue Light' 200% increase in 'Follow in' and type incursions

- 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

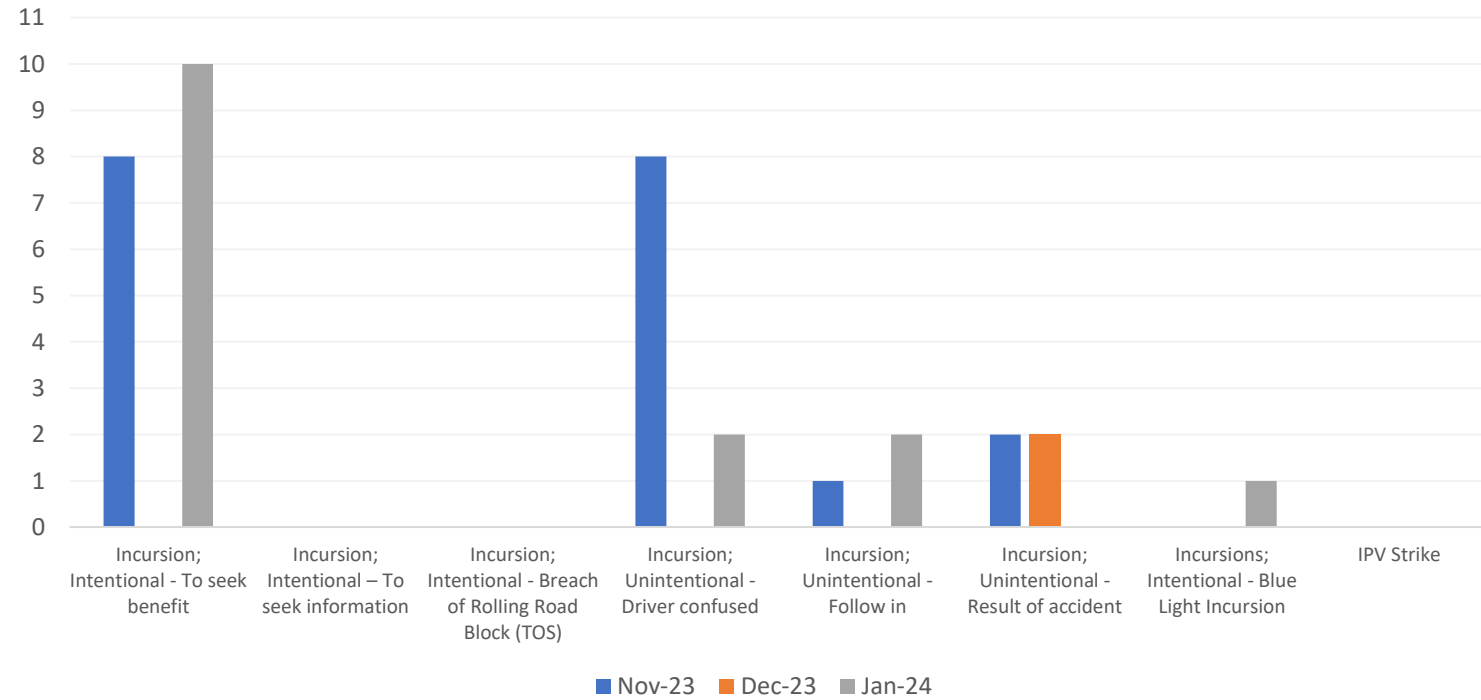


Incursion rate per length of TM (Unknown)

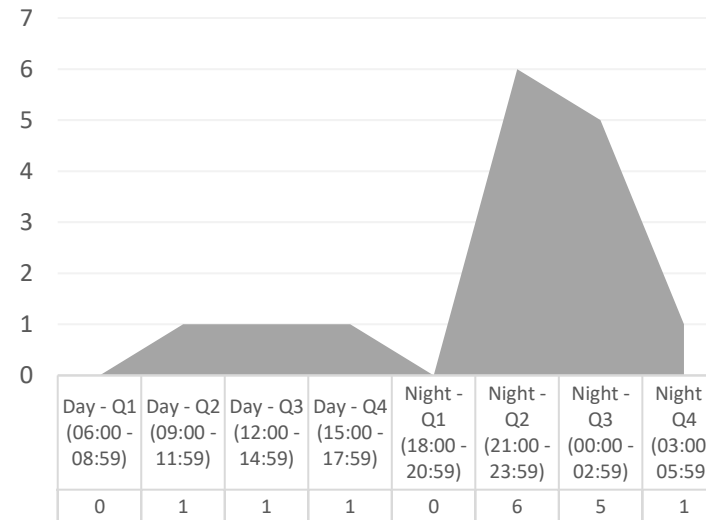
Project Incursion Rate: Length of TM data not available

Breakdown Rate: Length of TM data not available

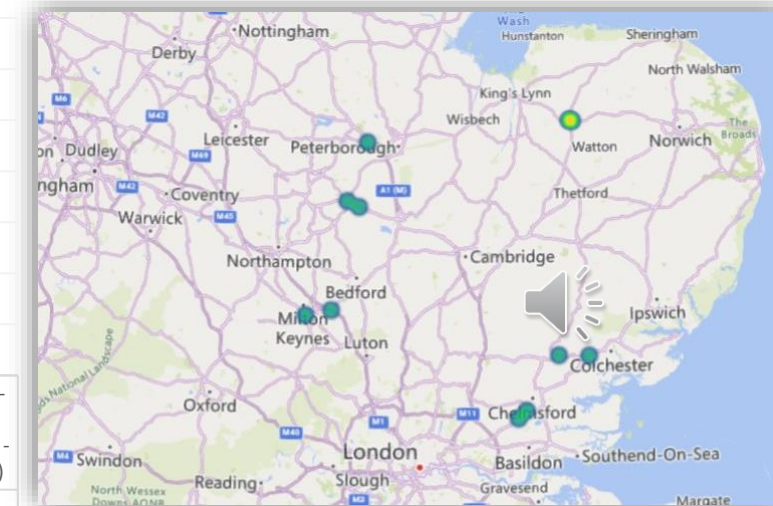
Area 6 & 8



Time Profile of Incursions recorded



Heatmap



Incursions Report

Directorate: Operations

Region: South East

Project: Area 3

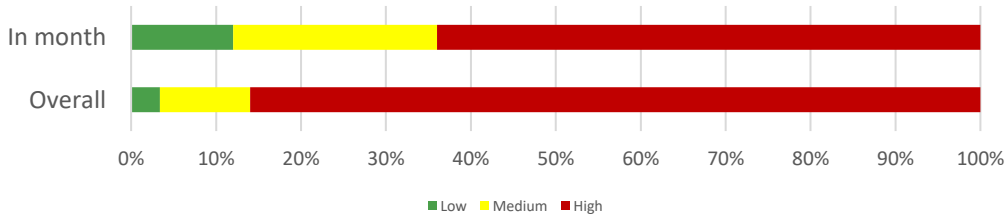
A total of 10 incursions have been recorded; with a 300% increase in 'Driver confused' type incursions together with a 100% increase in 'Seeking Benefit' 200% increase in 'Follow in' type incursions

- 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

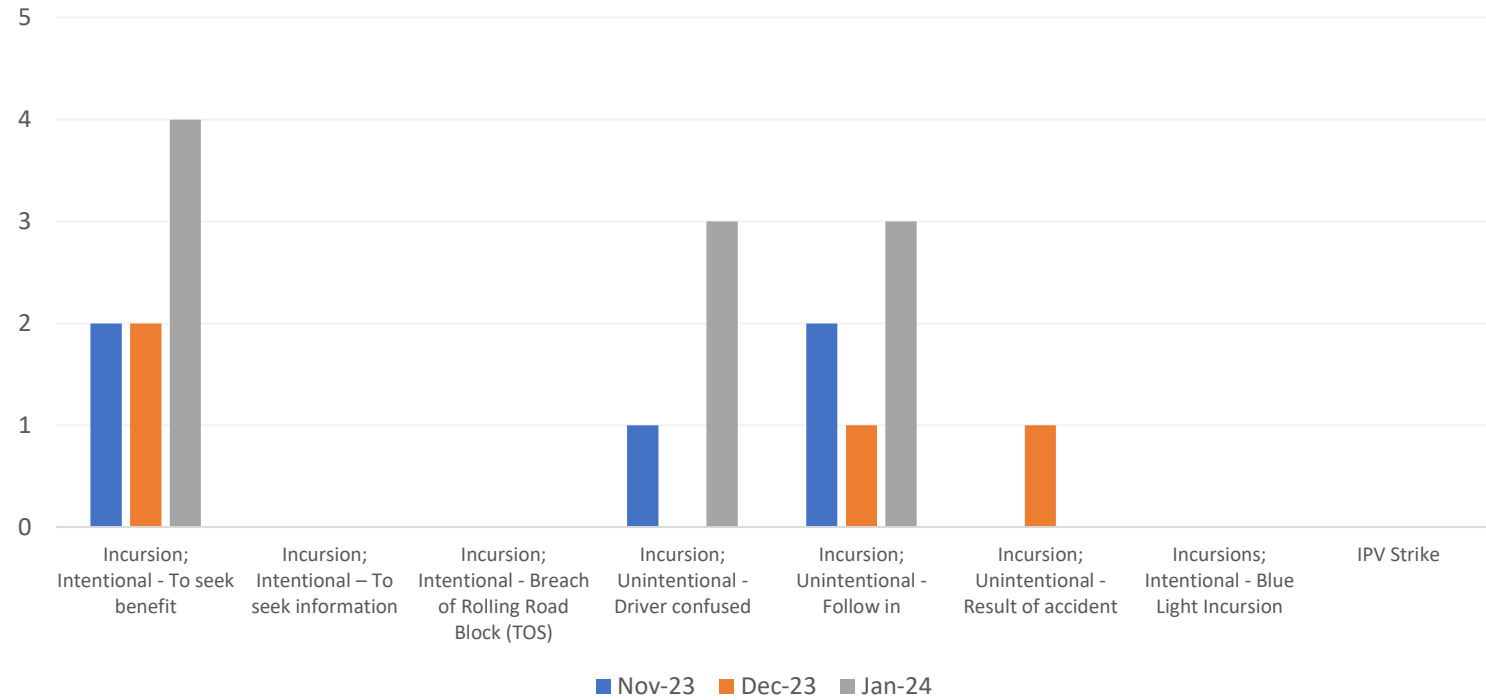


Incursion rate per length of TM (Unknown)

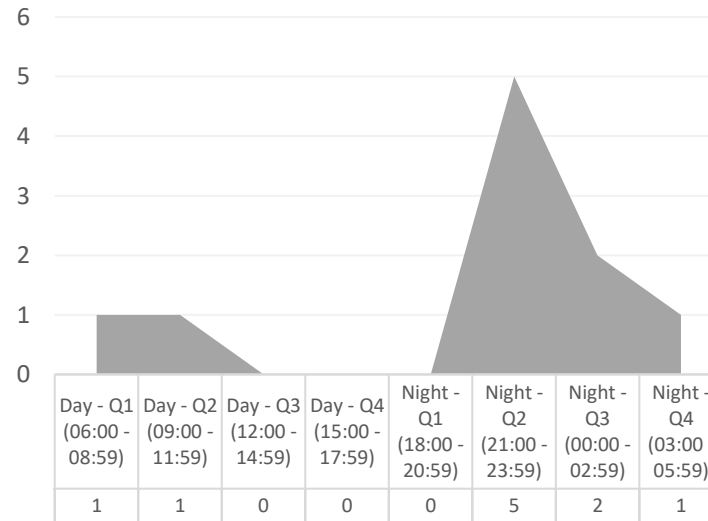
Project Incursion Rate: Length of TM data not available

Breakdown Rate: Length of TM data not available

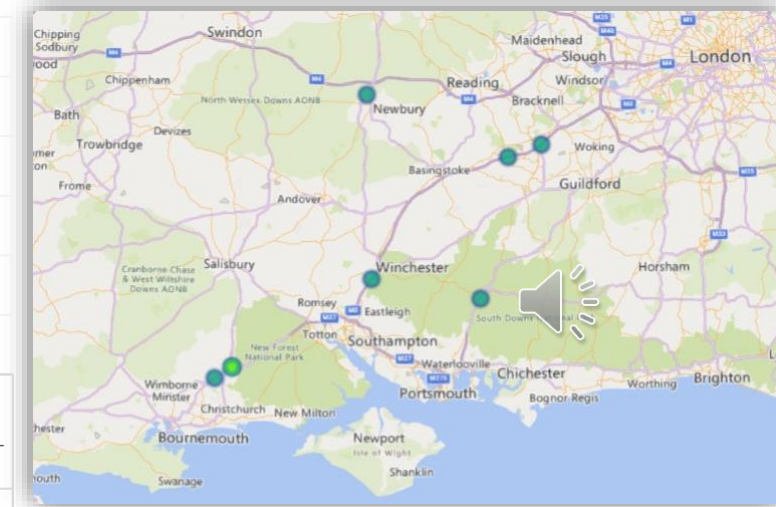
Area 3



Time Profile of Incursions recorded



Heatmap



Incursions Report

Directorate: Operations

Region: South West

Project: Area 1 & 2

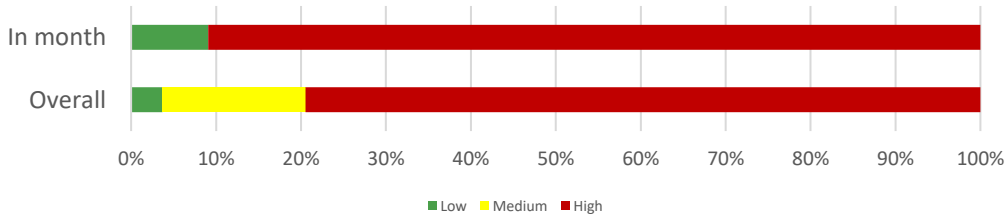
A total of 7 incursions have been recorded; with a 300% increase in 'Seeking Benefit' type incursions together with a 100% increase in 'Blue Light' 200% increase in 'Follow in' type incursions

- 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

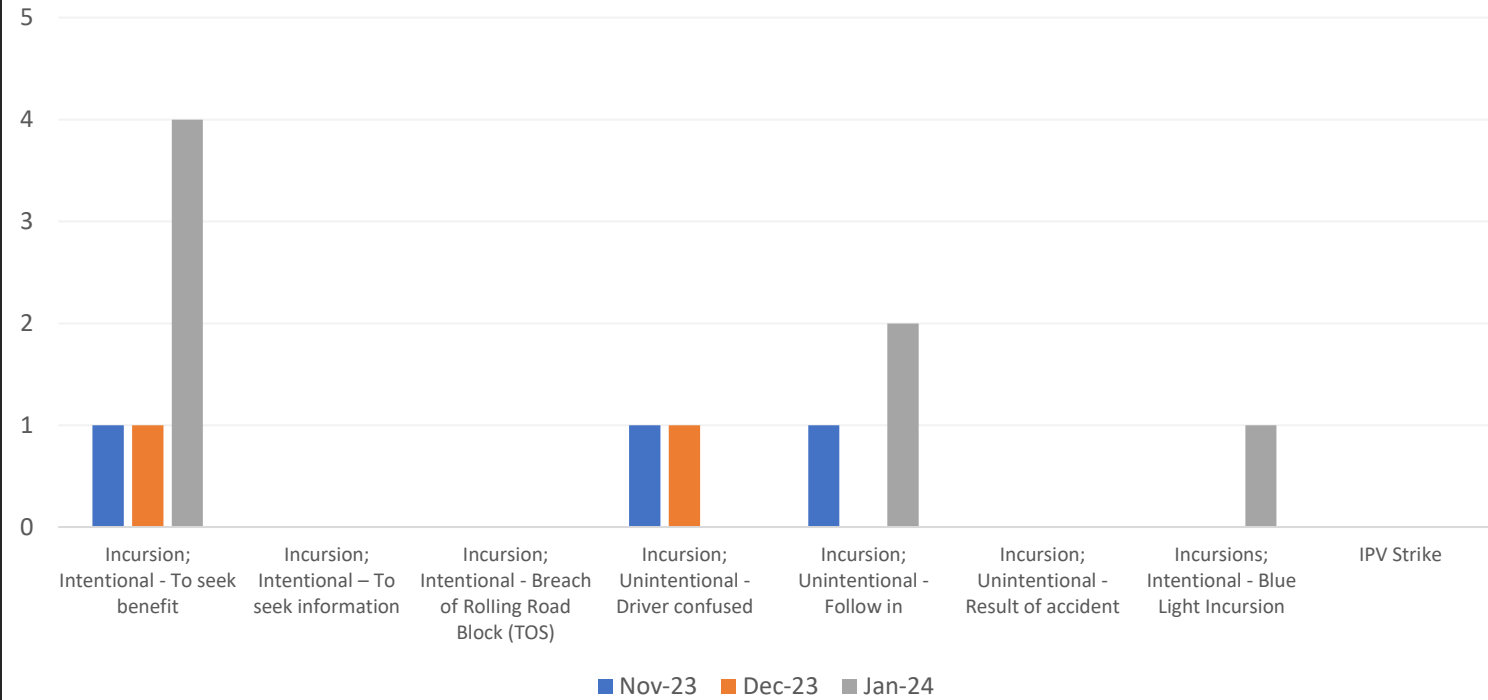


Incursion rate per length of TM (Unknown)

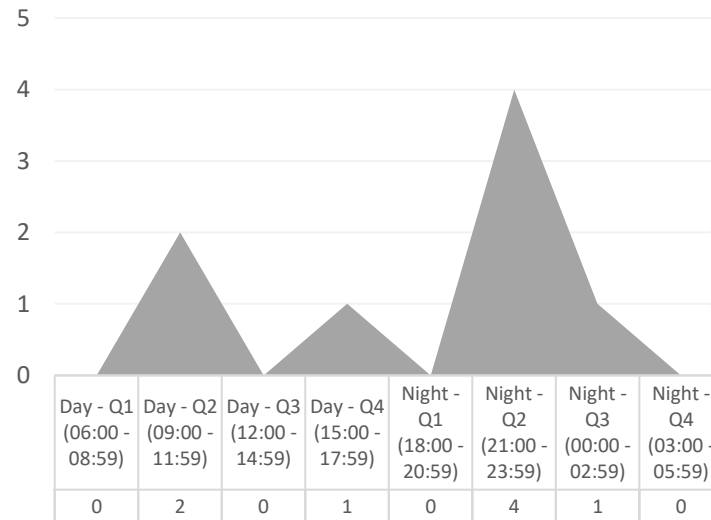
Project Incursion Rate: Length of TM data not available

Breakdown Rate: Length of TM data not available

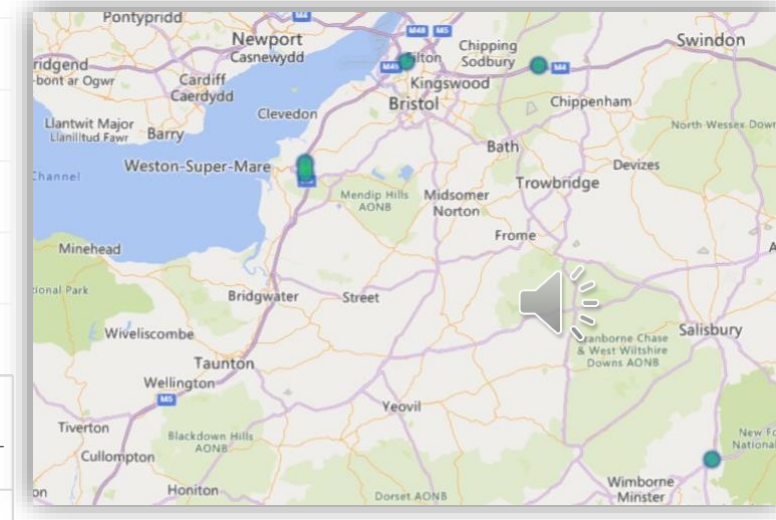
Area 1 & 2



Time Profile of Incursions recorded

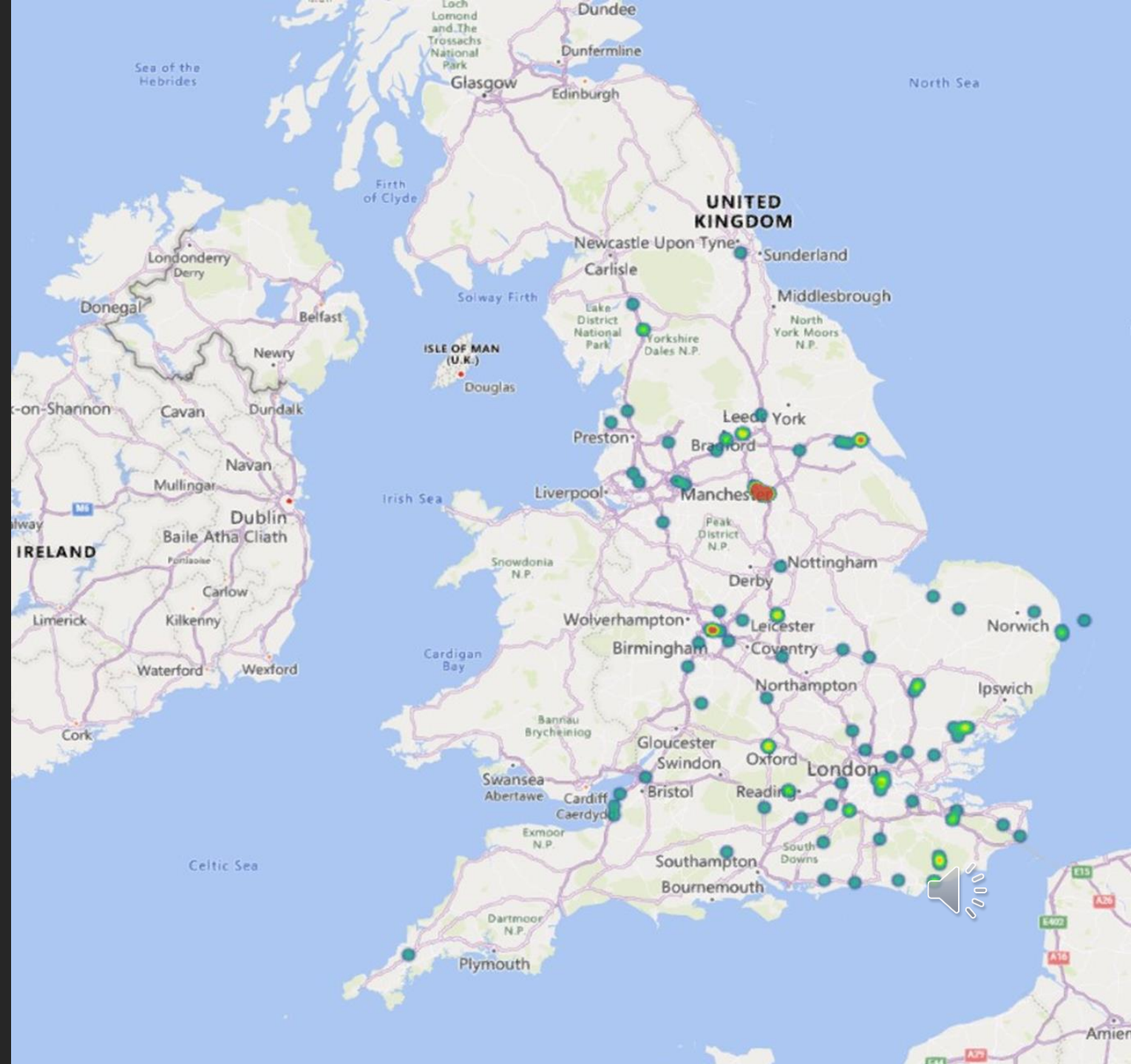


Heatmap



Heatmap of Incursions recorded in January 2024

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



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

