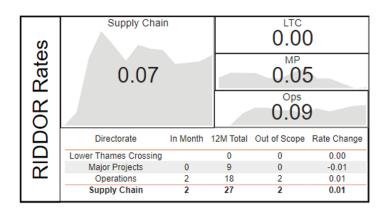


# April 2022 Summary Health Safety & Wellbeing Performance Report

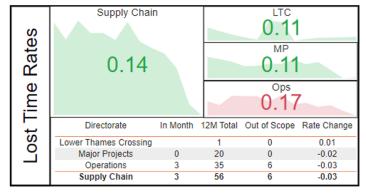
**Board Sponsor: Alan Cumming Executive Sponsor: Mike Wilson** 

**Author: Stewart Evans** 

# **Executive Summary**



All data included within this report is up to date as of **4 May 2022**. This performance report is provided to assist the Board and Executive to fulfil their leadership and management responsibilities in respect of health and safety. All incidents within the report have been reviewed by the Health, Safety & Wellbeing Division.



Rates	Supply Chain	0.11
Strike F	0.23	0.24
Utility 8		Ops 0.22

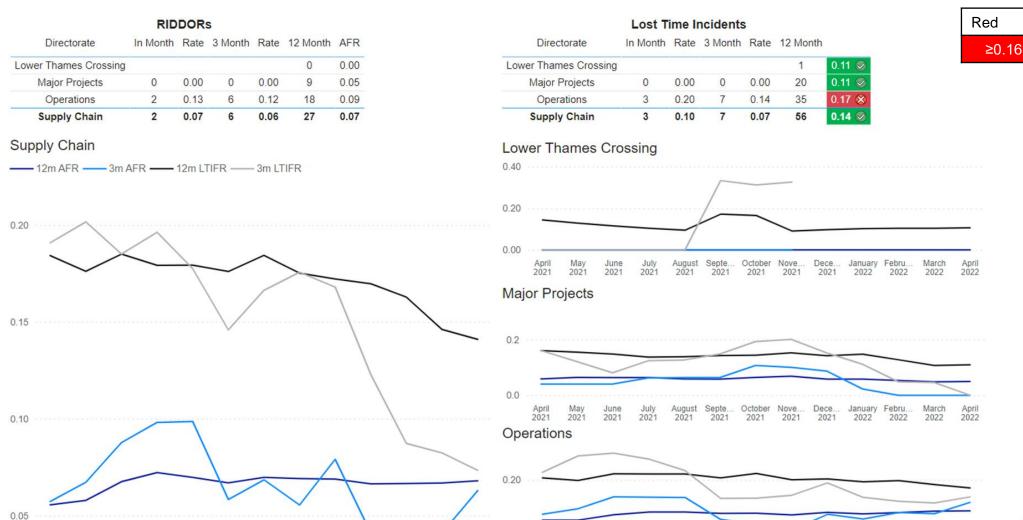
### Hours worked

I	Lower Thames Cros	ssing		
	942,039 12 Month Total	-2.25% 12 Month Change	63,701 Current Month	-17.04% Current Month Change
I	Major Projects			
l	18,201,325	-2.11%	1,365,696	-10.30%
Į	12 Month Total	12 Month Change	Current Month	Current Month Change
ĺ	Operations			
l	20,569,833	-1.26%	1,485,627	-25.96%
l	12 Month Total	12 Month Change	Current Month	Current Month Change



0.18

# RIDDOR & Lost Time Incident frequency rates



0.00

2021

2021

2022

August Septe... October Nove... 2021 2021 2021 2021

Dece... 2021

August Septe... October Nove...

2021

2021

2021

Dece... January Febru...



Amber

0.15-0.16

Green

≤ 0.15

# Performance by Supplier

Supplier	Total Hours	Lost Time Incidents	Lost Time Rate	RIDDORs	AFR	Utility Strikes	Utility Strike Rate
Costain	5,631,848	7	0.12	3	0.05	15	0.27
Balfour Beatty	4,804,369	6	0.12	3	0.06	10	0.21
Kier	2,439,776	1	0.04	1	0.04	8	0.33
Connect Plus	2,412,182	6	0.25	4	0.17	1	0.04
Amey	2,212,326	7	0.32	3	0.14	3	0.14
BAM Nuttall	1,818,757	2	0.11	0	0.00	1	0.05
Chevron	1,220,780	2	0.16	1	0.08	1	0.08
Ringway Ltd	1,198,339	4	0.33	2	0.17	9	0.75
Aone+	1,058,202	2	0.19	0	0.00	0	0.00
Galliford Try	942,311	2	0.21	1	0.11	4	0.42
Telent	799,964	1	0.13	0	0.00	0	0.00
Carnell Support Services Ltd	645,096	0	0.00	0	0.00	2	0.31
Skanska	640,908	1	0.16	0	0.00	1	0.16
Tarmac	511,045	1	0.20	1	0.20	0	0.00
Sir Robert McAlpine	492,832	1	0.20	0	0.00	1	0.20
Graham Construction	472,727	0	0.00	0	0.00	2	0.42
Volker Fitzpatrick	405,208	0	0.00	0	0.00	4	0.99
John Sisk	373,935	0	0.00	0	0.00	2	0.53
Colas	314,830	1	0.32	1	0.32	0	0.00
Egis	314,356	3	0.95	2	0.64	0	0.00
Forest Support Services	254,022	1	0.39	0	0.00	0	0.00
Aggregate Industries	252,560	0	0.00	0	0.00	1	0.40
HW Martin Ltd	240,649	2	0.83	1	0.42	5	2.08
Arcadis	225,399	1	0.44	1	0.44	1	0.44
CHC Highways	214,584	1	0.47	1	0.47	1	0.47
M J Church	177,635	0	0.00	0	0.00	2	1.13
Osborne	173,847	0	0.00	0	0.00	1	0.58
Taylor Woodrow	148,075	1	0.68	0	0.00	1	0.68
AE Yates	137,337	0	0.00	0	0.00	2	1.46
Road Management Services	129,098	1	0.77	1	0.77	0	0.00
Eurovia UK	127,732	0	0.00	0	0.00	1	0.78
ATM (Ainsty Timber Marketing Ltd)	84,128	1	1.19	1	1.19	0	0.00
Interserve	81,594	0	0.00	0	0.00	1	1.23
Dyer and Butler	66,155	0	0.00	0	0.00	1	1.51
J McCann	63,406	0	0.00	0	0.00	4	6.31
FM Conway	58,826	0	0.00	0	0.00	1	1.70
R W Civil Engineering	50,418	0	0.00	0	0.00	1	1.98
Farrans	49,597	0	0.00	0	0.00	1	2.02
VSL	27,504	1	3.64	0	0.00	0	0.00
Mway Comms	22,256	0	0.00	0	0.00	1	4.49
Huyton Asphalt	10,979	0	0.00	0	0.00	1	9.11

### 

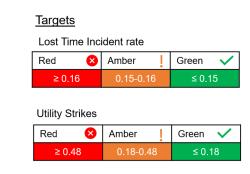
≥ 0.48



# Performance by Supplier across Major Projects

Programme	Total Hours	Lost Time Incidents	Lost Time Rate	RIDDORs	AFR	Utility Strikes	Utility Strike Rate
RIP	8,819,321	12	0.14	5	0.06	27	0.31
SMP	8,632,788	8	0.09	4	0.05	15	0.17
CIP	749,216	0	0.00	0	0.00	1	0.13
Total	18,201,325	20	0.11	9	0.05	43	0.24

Programme	Total Hours	Lost Time Incidents	Lost Time Rate	RIDDORs	AFR	Utility Strikes	Utility Strike Rate
RIP	8,819,321	12	0.14	5	0.06	27	0.31
Yorkshire & North East	2,257,101	2	0.09	2	0.09	8	0.35
South East	1,532,503	2	0.13	1	0.07	7	0.46
Midlands	1,410,638	1	0.07	0	0.00	4	0.28
North West	1,405,817	2	0.14	1	0.07	2	0.14
South West	1,378,993	3	0.22	1	0.07	5	0.36
East	834,269	2	0.24	0	0.00	1	0.12
SMP	8,632,788	8	0.09	4	0.05	15	0.17
East	4,267,232	5	0.12	3	0.07	6	0.14
South East	1,800,284	2	0.11	0	0.00	2	0.11
North West	1,049,940	1	0.10	1	0.10	6	0.57
National	721,404	0	0.00	0	0.00	0	0.00
Midlands	553,377	0	0.00	0	0.00	1	0.18
Yorkshire & North East	240,551	0	0.00	0	0.00	0	0.00
CIP	749,216	0	0.00	0	0.00	1	0.13
East	522,925	0	0.00	0	0.00	1	0.19
South West	212,162						
Yorkshire & North East	14,129						
Total	18,201,325	20	0.11	9	0.05	43	0.24





# Performance by Supplier across Operations

Region	Total Hours	Lost Time Incidents	Lost Time Rate	RIDDORs	AFR	Utility Strikes	Utility Strike Rate
South East	4,187,041	7	0.17	4	0.10	8	0.19
Midlands	4,055,085	6	0.15	2	0.05	6	0.15
East	3,566,515	5	0.14	4	0.11	7	0.20
Yorkshire & North East	2,777,733	7	0.25	2	0.07	3	0.11
North West	2,671,945	3	0.11	3	0.11	10	0.37
South West	2,077,310	7	0.34	3	0.14	12	0.58
National	1,234,204	0	0.00	0	0.00	0	0.00
Total	20,569,833	35	0.17	18	0.09	46	0.22
Region	Total Hours	Lost Time Incidents	Lost Time Rate	RIDDORs	AFR	Utility Strikes	Utility Strike Rate
South East	4,187,041	7	0.17	4	0.10	8	0.19
DBFO - M25 (Area 5)	2,412,182	6	0.25	4	0.17	1	0.04
Area 3	774,712	0	0.00	0	0.00	6	0.77
Area 4	561,958	0	0.00	0	0.00	1	0.18
M20 Quick Moveable Barrier Project	177,703	0	0.00	0	0.00	0	0.00
AD - M&R - Four	101,613	0	0.00	0	0.00	0	0.00
AD - Construction - Four	91,254	0	0.00	0	0.00	0	0.00
RTMC - M25 Regional Technology Contract	24,350	1	4.11	0	0.00	0	0.00
ASC & PAD - Four	14,770						
Pavements - Four	13,288						
RTMC - SOUTH EAST	10,413						
Pavements - Three	3,313	0	0.00	0	0.00	0	0.00
TST - TST(N) - Four	920						
AD - Design - Four	565						
Midlands	4,055,085	6	0.15	2	0.05	6	0.15
Area 9	1,679,250	0	0.00	0	0.00	2	0.12
Area 7	1,200,841	5	0.42	1	0.08	4	0.33
ASC & PAD - Nine	879,435						
AD - M&R - Seven	104,521	1	0.96	1	0.96	0	0.00
Oldbury	97,442	0	0.00	0	0.00	0	0.00
DBFO - A50 / A564 Stoke to Derby	60,130						
AD - Construction - Seven	20,299	0	0.00	0	0.00	0	0.00
Pavements - Nine	7,892						
Pavements - Seven	4,239	0	0.00	0	0.00	0	0.00
AD - Design - Seven	648						
TST - TST(N) - Seven	388						

### **Targets**

### Lost Time Incident rate

Red 😵	Amber	Green 🗸
≥ 0.16	0.15-0.16	≤ 0.15

### **Utility Strikes**

Red 😵	Amber	Green 🗸
≥ 0.48	0.18-0.48	≤ 0.18



# Performance by Supplier across Operations (continued)

Region	Total Hours	Lost Time Incidents	Lost Time Rate	RIDDORs	AFR	Utility Strikes	Utility Strike Rate
East	3,566,515	5	0.14	4	0.11	7	0.20
Area 6 & 8	2,619,184	1	0.04	1	0.04	7	0.27
DBFO - M40 J1-15 Denham to Warwick (area 30)	314,356	3	0.95	2	0.64	0	0.00
AD - M&R - Eight	265,070	0	0.00	0	0.00	0	0.00
AD - Design - Eight	155,180						
AD - Construction - Eight	140,400						
DBFO - A1(M) Alconbury to Peterborough	44,112	1	2.27	1	2.27	0	0.00
Pavements - Eight	14,616						
TST - TST(I) - Eight	11,035						
RTMC - EAST	1,662						
OD-CDF - OD-CDF - Eight	900						
TST - TST(N) - Eight	0						
Yorkshire & North East	2,777,733	7	0.25	2	0.07	3	0.11
Area 12	1,117,120	3	0.27	0	0.00	0	0.00
Area 14	627,712	2	0.32	2	0.32	3	0.48
DBFO - A168 / A19 Dishforth to Tyne Tunnel	357,071	1	0.28	0	0.00	0	0.00
AD - M&R - Twelve	183,524	1	0.54	0	0.00	0	0.00
ASC & PAD - Twelve	180,151						
DBFO - A1 Darrington to Dishforth	80,541	0	0.00	0	0.00	0	0.00
AD - M&R - Fourteen	64,624	0	0.00	0	0.00	0	0.00
DBFO - M1 - A1 Link Road	53,610	0	0.00	0	0.00	0	0.00
DBFO - A69 Carlisle to Newcastle	32,806	0	0.00	0	0.00	0	0.00
AD - Design - Fourteen	30,775						
AD - Construction - Fourteen	21,833	0	0.00	0	0.00	0	0.00
Pavements - Twelve	13,110						
Pavements - Fourteen	8,676						
RTMC - NORTH EAST	4,867						
TST - TST(I) - Twelve	779						
TST - TST(N) - Twelve	244						
Newport (Hull) Maintenance Compound Construction	180						
AD - Construction - Twelve	110						





# Performance by Supplier across Operations (continued)

Region	Total Hours ▼	Lost Time Incidents	Lost Time Rate	RIDDORs	AFR	Utility Strikes	Utility Strike Rate
North West	2,671,945	3	0.11	3	0.11	10	0.37
Area 10	1,323,899	1	0.08	1	0.08	4	0.30
Area 13	816,518	1	0.12	1	0.12	5	0.61
AD - M&R - Ten	214,998	1	0.47	1	0.47	0	0.00
AD - M&R - Thirteen	138,272						
AD - Construction - Thirteen	57,897	0	0.00	0	0.00	0	0.00
AD - Design - Ten	48,557	0	0.00	0	0.00	0	0.00
AD - Construction - Ten	44,268	0	0.00	0	0.00	1	2.26
AD - Design - Thirteen	20,850						
Pavements - Ten	4,835						
TST - TST(I) - Ten	1,851						
South West	2,077,310	7	0.34	3	0.14	12	0.58
Area 1 & 2	1,665,156	6	0.36	2	0.12	12	0.72
Severn Bridge	96,222						
DBFO - A419 / A417 Swindon to Gloucester	89,935	1	1.11	1	1.11	0	0.00
AD - Design - One	79,619	0	0.00	0	0.00	0	0.00
DBFO - A30 / A35 Exeter to Bere Regis	53,665	0	0.00	0	0.00	0	0.00
AD - SBIM - One	52,795	0	0.00	0	0.00	0	0.00
RTMC - SOUTH WEST	21,351	0	0.00	0	0.00	0	0.00
Pavements - One	12,905						
TST - TST(I) - One	2,994						
TST - TST(N) - One	1,762						
AD - Construction - One	906	0	0.00	0	0.00	0	0.00
AD - M&R - One		0		0	NaN	0	
National	1,234,204	0	0.00	0	0.00	0	0.00
National Roads Telecommunications Services	730,709	0	0.00	0	0.00	0	0.00
National Highways TFM	303,660						
NGVR National - Next Generation Vehicle Recovery	69,748						
Redflex Speed Cameras	59,920						
Property Management, Enquiries, Sales & Estates	26,537	0	0.00	0	0.00	0	0.00
National Expert Control Room Tech Support -NECoRTS	21,711						
National Traffic Information Service	13,271						
HE Noise Insulation Project	8,648						

### 



# Lost Time Incidents recorded by Supplier

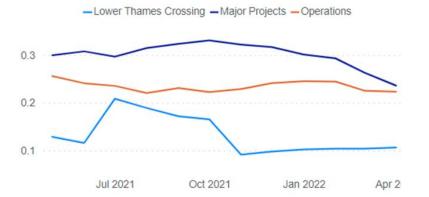


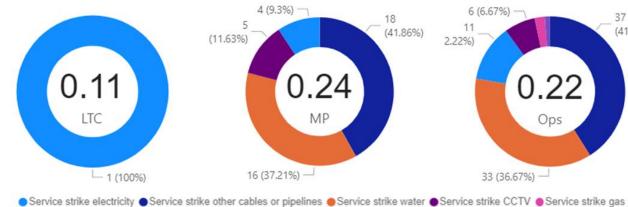
# Utility Strikes recorded by Supplier

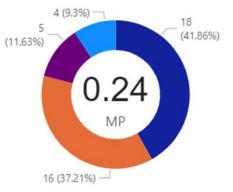
Directorate	Damage of Infrastructure or Asset	Disruption	Minor or Low Potential Impact	RIDDOR Dangerous Occurrence	Total
Lower Thames Crossing		1			1
Service strike gas					
Service strike water		1			1
Major Projects	1	43	6	2	52
Service strike CCTV		5			5
Service strike Drainage			1		1
Service strike electricity		18	2	2	22
Service strike gas					
Service strike other cables or pipelines	1	16	3		20
Service strike water		4			4
Operations	1	45	4	2	52
Service strike CCTV		1			1
Service strike electricity	1	19	1	2	23
Service strike gas		2			2
Service strike other cables or pipelines		17	2		19
Service strike water		6	1		7
Total	2	89	10	4	105

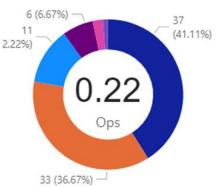


### Utility Strike Rates









# SIGNIFICANT INCIDENTS

# Summary of Significant Supply Chain Incidents reported

Operations - 1-3 day Lost Tim	ne Incident HART ref: 127132
Operations, Yorkshire & North	A traffic management operative tripped over a kerb in the depot car park, resulting in a sprained ankle. This require
East, Aston Depot carpark	them to take a day off work due to their injury.
05/04/2022	
Fell, slipped or tripped on the	
same level	
Contractor: Amey	
Employer: Amey	

Operations - RIDDOR Specified Injury

Operations, South East region,
DBFO - M25 (off network).

TBC

Contractor: Connect Plus

Employer: Balfour Beatty

HART ref: 127643

Whilst carrying out maintenance (housekeeping) work in the Blunts Farm depot, an operative attempted to throw a cone into a high sided skip from ground level. The cone base caught the edge of skip and bounced off. The operative put his right-hand up to stop it hitting him in the face, the cone caught his hand. The operative felt pain at the time and stopped work. He was diagnosed at hospital, with a fractured 4th metacarpal bone in his right-hand.

Employer: Balfour Beatty

Operations - RIDDOR Specified Injury

Operations, Yorkshire & North
East region, J56 A1(M)

22/04/2022

Fall from height

Contractor: Tarmac

Employer: WJ Road Marking

HART ref: 127601

An operative was offloading a three-wheeled tractor from the hydro blasting machine in preparation of removing lane lines. Whilst reversing the tractor down a ramp from the rear of the main vehicle, the tractor tipped over, falling off the side of the ramp onto the tractor driver. The tractor driver was taken to hospital with a suspected shoulder injury, this has been diagnosed as a dislocation and fracture.

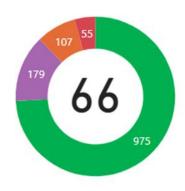
Initial reports suggest the tractor may have suffered mechanical failure, with the rear centred steering wheel having buckled.

RIDDOR

RIDDOR

# Site Inspections completed by the Health Safety & Wellbeing Division

### Total In Month Site Inspections and Findings



Questions/Section	Amber	Red	Total
Documentation	7	1	8
Electrical Safety	4	2	6
Housekeeping	18	7	25
Lifting Operations		1	1
Management Arrangements	24	5	29
Management of Traffic, Mobile Plant and Vehicles	30	20	50
Occupational Health	3		3
Office and Welfare Facilities	8	5	13
Work at Height and Associated Activities	6	10	16
Workforce Communication	7	4	11
Total	107	55	162



Questions/Section	Amber	Red	Total
Documentation	4		4
Electrical Safety	2	1	3
Housekeeping	35	2	37
Lifting Operations			
Management Arrangements	16	1	17
Management of Traffic, Mobile Plant and Vehicles	14		14
Occupational Health	1		1
Office and Welfare Facilities	24	6	30
Work at Height and Associated Activities		1	1
Workforce Communication	13	3	16
Total	109	14	123



# Impact Protection Vehicle (IPV) Strikes

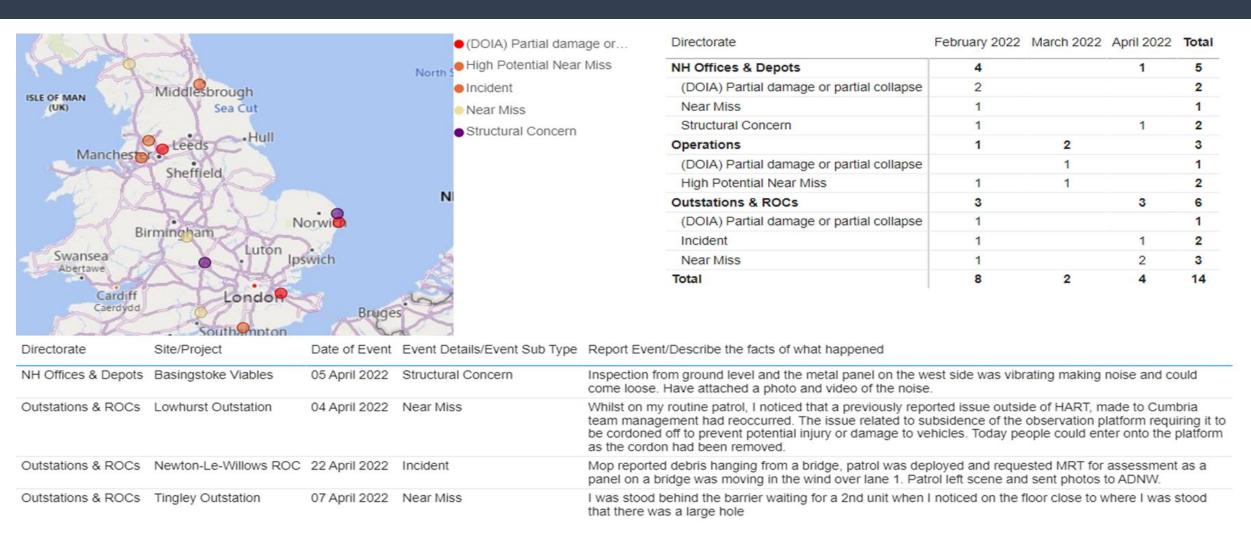


and the second s			3%	
Directorate	February 2022	March 2022	April 2022	Total
Operations	2	5	1	8
IPV Strike Intentional		1		1
IPV Strike Unintentional	2	4	1	7
Outstations & ROCs			1	1
IPV Strike Unintentional			1	1
Total	2	5	2	9

Directorate	Site/Project	Date of Event	Event Details/Event Sub Type	HART Ref
Operations	Area 6 & 8	25 February 2022	IPV Strike Unintentional	125682
Operations	Area 7	25 February 2022	IPV Strike Unintentional	125634
Operations	Area 6 & 8	02 March 2022	IPV Strike Unintentional	125840
Operations	Area 4	03 March 2022	IPV Strike Intentional	125859
Operations	Area 7	03 March 2022	IPV Strike Unintentional	125878
Operations	AD - M&R - Seven	16 March 2022	IPV Strike Unintentional	126365
Operations	DBFO - M25 (Area 5)	17 March 2022	IPV Strike Unintentional	126518
Operations	AD - M&R - Fourteen	05 April 2022	IPV Strike Unintentional	127116
Outstations & ROCs	Avonmouth ROC	27 April 2022	IPV Strike Unintentional	127743

Map displays the previous 12 months events.

# Infrastructure Incidents including Bridge Strikes

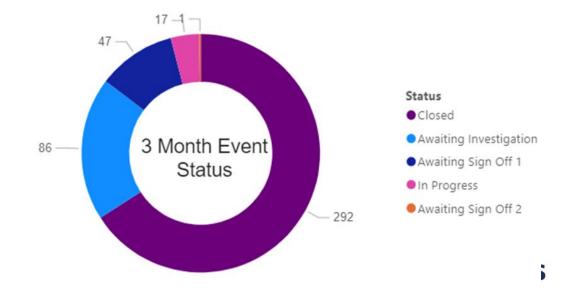


## Vehicle incursions into roadworks



Directorate	February 2022	March 2022	April 2022	Total
Major Projects	114	98	66	278
Incursion Intentional	87	82	54	223
Incursion Unintentional	27	16	12	55
NH Offices & Depots	1	1		2
Incursion Intentional	1	1		2
Operations	38	73	33	144
Incursion Intentional	24	46	22	92
Incursion Unintentional	14	27	11	52
Outstations & ROCs	9	5	5	19
Incursion Intentional	5	4	3	12
Incursion Unintentional	4	1	2	7
Total	162	177	104	443

Division	National Highways	Supply Chain
Investigation/Kind of Event	Incursion / IPV Strike	Incursion / IPV Strike
Incursion; Unintentional - Result of accident		2
Incursion; Unintentional - Follow in		1
Incursion; Unintentional - Driver confused	2	13
Incursion; Intentional – To seek information		1
Incursion; Intentional - To seek benefit	1	34
Incursion; Intentional - Breach of Rolling Road Block (TOS)	2	1
Incursion; Intentional - Because of breakdown		26
		21
Total	5	99



### 2020 SRN iRAP star rating survey results are published

PI1.6 Percentage of travel on 3-star or better roads Safe Roads

At National Highways, we conduct an iRAP assessment of the whole SRN every RIS. This produces the network star ratings, and rich data which can be used at a network and route level. At the network level it can help to set our safety goals. At a route level it can help us to model the impact of different combinations of countermeasures, predict fatality savings, and support business case development. iRAP (the International Road Assessment Programme) is a registered charity operating globally to save lives by eliminating high-risk roads. Star ratings are the output of a road survey which captures and scores road and roadside infrastructure. The long process of developing and assuring the SRN star rating result is now complete and we have published the results: The SRN star rating report – March 2022. Headlines include:



- In 2015 we committed to ensure that, by the end of 2020, 90% of travel on our network was on roads which were rated 3-star or better. This commitment was based on version 1.0 of the model and has been exceeded: 96% of travel on our network was on roads which were rated 3-star or better in 2020. The results are better than those we forecast when we published our 2015 results. Almost two-thirds of travel on our network is now on roads which have the highest possible star rating achievable when assessed by version 1.0 of the model.
- In 2020, 89% of travel on the network was on roads rated 3-star or better using the more demanding version 3.02 of the model, an increase from 82% in 2015. The iRAP training programme will launch soon. A campaign has been developed to raise awareness and help colleagues understand if the training will be helpful to them in their roles. Search 'IRAP' in LEARN to view a short animation and interact with the training road map. The <u>iRAP star rating SharePoint site</u> has been created to help colleagues to quickly learn more about iRAP, star ratings, metrics, tools, and training.

### Operation Mainline

Safe road users and safe vehicles

For two weeks, from 21<sup>st</sup> March until 3<sup>rd</sup> April we worked on the A1 with Northumbria, Durham and North Yorkshire police and utilised 2 Tramline HGV cabs to run Operation Mainline. The results of Operation Mainline have been collated and saw 121 high risk behaviours captured from 126 vehicles stopped. The most common high-risk behaviours were no seatbelts worn and using mobile phones. Northumbria Police also reported 26 immediate prohibitions given on their commercial vehicle checks during this operation, as well as arrests for drug driving and the theft of a motor vehicle. We have approached the Road Haulage Association and agreed to work in partnership on HGV tyre safety.

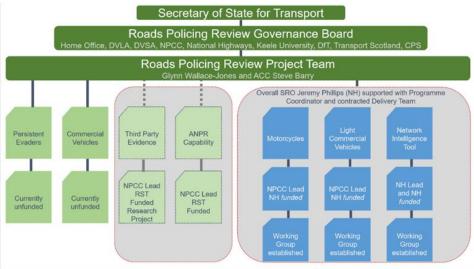




### Improving Compliance – Roads Policing Pilots

Safe vehicles, safe roads and safe people

A business case for the National Highways Roads Policing Review programme has been approved this month within the SES budget, meaning work can commence on the programme following formal acceptance of commercial arrangements. This is a Pilot Development Programme to co-ordinate the business' involvement in the national RPR programme, jointly led by DfT and the Home Office, and representing a unique opportunity for National Highways. This programme will provide an opportunity to inform how enforcement agencies (and stakeholders/collaborators such as National Highways) can work together to ensure compliant road use. The outcome of this programme will be important learning that we will share with our national roads policing partners, influencing roads policing across the national network over the next 20 years. Our leadership role (both on these three projects and in the wider governance of the RPR programme) gives us an opportunity to discuss our unique business needs and to consider what approaches may benefit the SRN most in both the short and long-term. National Highways will be leading on three areas of strategic relevance to the business: motorcycle safety, light commercial vehicle safety and data intelligence (Network Intelligence Tool) and the Road User Group will be working closely with SES colleagues and the wider business to ensure this programme delivers real impact for our business and the future of the Strategic Road Network.



### Community Engagement

Safe vehicles and safe people

North West colleagues have been working with the Inscape School in Manchester and coordinated an interactive session with the M56 Smart Motorways team, Major Projects and Traffic Officers. The special needs pupils have a huge interest in the schemes as they travel along the motorways to their school and they showed an amazing level of knowledge about all things National Highways. After the interactive session where they looked at the contraflows and time lapsed videos, a Traffic Officer spoke about her role on the network.



### Driving for Better Business

Improving collaboration
Safe vehicles and safe people

Key engagements in April include Sainsbury's, Argos, Amazon Middle Mile and A&D Distribution - with Lloyd Morgan Group and Road Safety Markings Association confirmed as new partners. DfBB hosted the second annual Driver Safety Zone in April as part of the 3-day Health and Safety Event at the NEC, Birmingham. The event targets approximately 100,000 safety professionals in the UK, amongst whom driver safety is commonly identified as one of their top three risks to manage. The Zone featured six 'driver risk management' exhibitors (DfBB partners) and a 60-seater conference theatre. 265 driver risk management professionals visited the DfBB exhibition stand and theatre over the three days. The three-day theatre programme included sessions on Van Driver Safety – Addressing the Human Factors of Risk with Rebecca Ashton, Head of Policy & Research at IAM RoadSmart, and Managing specific areas of work-related road risk with Marcus de Guingand, Managing Director for Third Pillar of Health





# Health Safety & Wellbeing team

• Safety Alerts: There has been 3 Safety Alerts issued in the month of April:

NHa292 - National Highways For Information Safety Alert - Struck by Vehicle

NHa293 - National Highways For Information Safety Alert - Faulty Drilling Rig Interlock

NHa294 - National Highways For Information Safety Alert - Protester Tunnelling

