

# January 2021 Summary Health Safety & Wellbeing Performance Report

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

Author: Mark Byard



#### **Executive Summary**



All data included within this report is up to date as of **2**<sup>nd</sup> **February 2021**. 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

#### Hours worked:

Lower Thames Cros	ssing		
232,952 12 Month Total	21.71% 12 Month Change	50,567 Current Month	27.73% 1 Month Change
Major Projects 19,697,446 12 Month Total	-0.47% 12 Month Change	1,432,166 Current Month	-0.27% 1 Month Change
Operations 21,516,662 12 Month Total	-0.70% 12 Month Change	1,465,356 Current Month	0.11% 1 Month Change

RIDDORs							
Directorate	In Month	Rate	3 Months	Rate	12 Months	Rate	
Lower Thames Crossing	0	0.00	0	0.00	0	0.00	
Major Projects	0	0.00	1	0.02	8	0.04	
Operations	1	0.07	3	0.07	10	0.05	
Supply Chain	1	0.03	4	0.04	18	0.05	

Lost Time Incidents						
Directorate	In Month	Rate	3 Months	Rate	12 Months	Rate
Lower Thames Crossing			1	0.43	1	0.43
Major Projects	1	0.07	4	0.09	25	0.14
Operations	3	0.20	11	0.24	43	0.22

Supply Chain	Major Projects
—— 12m RIDDOR —— 3m RIDDOR —— 12m LTI —— 3m LTI	
0.22	0.40
0.20	0.10
0.18	
0.16	0.00
0.14	Febr March April May June July August Sept Octo Nov Dec Jan 2020 2020 2020 2020 2020 2020 2020
0.12	Operations
0.10	0.20
	0.20
0.10	
0.08	0.20
0.08	0.10
0.08	0.10

**Supply Chain** 

 $\textbf{Note:} \ Lower \ Thames \ Crossing \ is \ 1 \ and \ 3 \ month \ rolling \ data \ due \ to \ the \ directorate \ change \ reflected \ in \ reporting \ from \ 1/11/20.$ 





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# **Performance by Supplier across the Supply Chain**

Supplier Name	Total Hours	RIDDORs	RIDDOR AFR	Lost Time Incidents	Lost Time AFR	Utility Strikes	Utility Strike FR
Kier	6,848,493	2	0.03	9	0.13	11	0.16
Balfour Beatty	5,072,560	1	0.02	3	0.06	10	0.20
Costain	3,132,658	1	0.03	7	0.22	7	0.22
Aone+	3,132,222	0	0.00	2	0.06	3	0.10
BAM Nuttall	2,344,595	3	0.13	3	0.13	8	0.34
Connect Plus	2,183,849	2	0.09	4	0.18	8	0.37
Amey	1,678,720	0	0.00	3	0.18	5	0.30
Aecom	1,628,700	1	0.06	3	0.18	1	0.06
Skanska	1,055,082	0	0.00	2	0.19	13	1.23
Ringway Ltd	896,884	3	0.33	5	0.56	4	0.45
Telent	762,674	1	0.13	1	0.13	0	0.00
HW Martin Ltd	693,148	1	0.14	1	0.14	0	0.00
Chevron	615,351	0	0.00	1	0.16	0	0.00
Carnell Support Services Ltd	588,290	0	0.00	6	1.02	9	1.53
Interserve	465,888	0	0.00	4	0.86	5	1.07
Galliford Try	449,993	0	0.00	2	0.44	2	0.44
Autolink Concessionaires (A19) Ltd	392,210	0	0.00	2	0.51	0	0.00
Colas	311,190	1	0.32	2	0.64	3	0.96
Egis	306,272	0	0.00	3	0.98	2	0.65
Graham Construction	292,351	0	0.00	0	0.00	1	0.34
Osborne	234,374	1	0.43	2	0.85	2	0.85
Sisk Lagan JV	224,552	0	0.00	0	0.00	2	0.89
John Sisk	218,299	0	0.00	0	0.00	1	0.46
Sir Robert McAlpine	202,514	0	0.00	1	0.49	1	0.49
Volker Fitzpatrick	190,374	0	0.00	0	0.00	7	3.68
Perfect Circle	170,876	0	0.00	0	0.00	1	0.59
Vinci Construction	120,449	0	0.00	0	0.00	1	0.83
M J Church	112,770	0	0.00	1	0.89	6	5.32
AE Yates	100,883	0	0.00	0	0.00	1	0.99
Forkers Ltd	68,559	0	0.00	0	0.00	3	4.38
J McCann	66,231	0	0.00	0	0.00	1	1.51
Balvac	59,227	0	0.00	2	3.38	1	1.69
Ground Control	57,793	0	0.00	0	0.00	1	1.73
Joe Roocroft & Sons Ltd	52,760	0	0.00	0	0.00	3	5.69
Dyer and Butler	51,925	0	0.00	0	0.00	1	1.93
KJT Limited	44,892	0	0.00	0	0.00	1	2.23
Jointline Limited	23,331	1	4.29	0	0.00	0	0.00
Total	38,324,999	18	0.05	69	0.18	125	0.33

## **Performance by Supplier across Major Projects**

Directorate				Major Projects	3		
Function	Hours	RIDDORs	RIDDOR AFR	Lost Time Incidents	Lost Time AFR	Utility Strikes	Utility Strike FR
CIP	2,417,909	1	0.04	5	0.21	14	0.58
RIP	5,472,993	0	0.00	10	0.18	28	0.51
SMP	10,288,976	7	0.07	10	0.10	21	0.20
Total	18,179,878	8	0.04	25	0.14	63	0.35

Directorate		Major Projects							
Function	Hours	RIDDORs	RIDDOR AFR	Lost Time Incidents	Lost Time AFR	Utility Strikes	Utility Strike FR		
CIP	2,417,909	1	0.04	5	0.21	14	0.58		
RIP	5,472,993	0	0.00	10	0.18	28	0.51		
RIP North	3,389,957	0	0.00	5	0.15	12	0.35		
Midlands	950,712	0	0.00	1	0.11	4	0.42		
North West	825,096	0	0.00	1	0.12	2	0.24		
Yorkshire and North East	1,614,149	0	0.00	3	0.19	6	0.37		
RIP South	2,083,036	0	0.00	5	0.24	16	0.77		
East	553,710	0	0.00	1	0.18	2	0.36		
South East	1,177,151	0	0.00	3	0.25	13	1.10		
South West	352,175	0	0.00	1	0.28	1	0.28		
SMP	10,288,976	7	0.07	10	0.10	21	0.20		
Total	18,179,878	8	0.04	25	0.14	63	0.35		

Utility Strike Frequency Rate - Major Projects

Supply Chain AFR RIDDOR RAG:

# **Performance by Supplier across Operations**

Directorate				Operations			
Regions	Total Hours	RIDDORs	RIDDOR AFR	Lost Time Incidents	Lost Time AFR	Utility Strikes	Utility Strike FR
South East	4,419,550	3	0.07	8	0.18	13	0.29
Midlands	4,349,335	0	0.00	10	0.23	14	0.32
Yorkshire and North East	3,581,697	0	0.00	4	0.11	3	80.0
North West	2,722,021	3	0.11	9	0.33	13	0.48
South West	2,037,865	3	0.15	7	0.34	12	0.59
East	1,843,078	0	0.00	4	0.22	6	0.33
National	958,623	1	0.10	1	0.10	0	0.00
Total	19,912,169	10	0.05	43	0.22	61	0.31

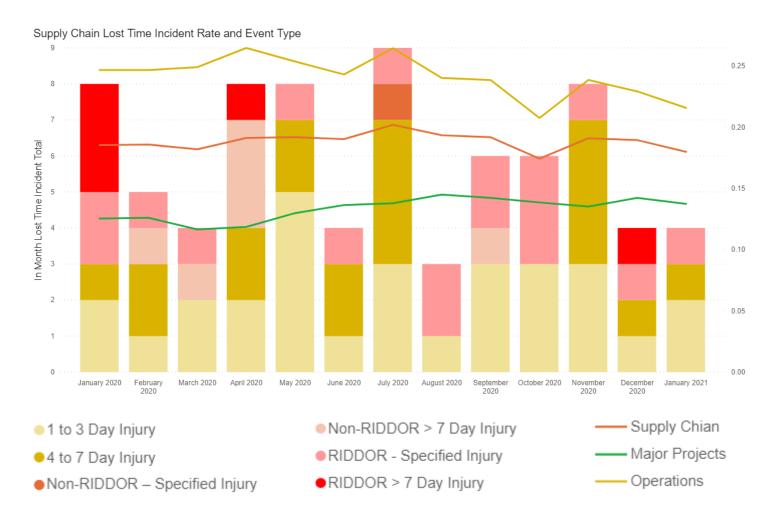
Directorate				Operations			
Regions	Total Hours	RIDDORs	RIDDOR AFR	Lost Time Incidents	Lost Time AFR	Utility Strikes	Utility Strike FR
South East	4,419,550	3	0.07	8	0.18	13	0.29
DBFO - M25 (Area 5)	2,183,849	2	0.09	4	0.18	8	0.37
Area 3	1,055,034	0	0.00	1	0.09	2	0.19
Area 4	1,043,068	1	0.10	3	0.29	3	0.29
M20 Quick Moveable Barrier Project	89,097	0	0.00	0	0.00	0	0.00
RTMC: M25 Regional Technology Contract	26,922	0	0.00	0	0.00	0	0.00
RTMC: South East Regional Technology	21,580	0	0.00	0	0.00	0	0.00
Midlands	4,308,810	0	0.00	10	0.23	14	0.32
Area 9	2,491,680	0	0.00	6	0.24	5	0.20
Area 7	1,702,042	0	0.00	4	0.24	9	0.53
M5 Oldbury Project	67,135	0	0.00	0	0.00	0	0.00
DBFO - A50 / A564 Stoke to Derby	47,953	0	0.00	0	0.00	0	0.00

Utility Strike Fre	equency Rate - Op	erations
> 0.29	0.28 - 0.14	≤ 0.13

# **Performance by Supplier across Operations (continued)**

Directorate				Operations			
Regions	Total Hours	RIDDORs	RIDDOR AFR	Lost Time Incidents	Lost Time AFR	Utility Strikes	Utility Strike FR
Yorkshire and North East	3,581,697	0	0.00	4	0.11	3	0.08
Area 12	2,179,062	0	0.00	0	0.00	1	0.05
Area 14	780,783	0	0.00	2	0.26	2	0.26
DBFO - A168 / A19 Dishforth to Tyne Tunnel	392,210	0	0.00	2	0.51	0	0.00
DBFO - A1 Darrington to Dishforth	87,143	0	0.00	0	0.00	0	0.00
North East Tech Mac Contract	58,481						
DBFO - M1 - A1 Link Road	46,126						
DBFO - A69 Carlisle to Newcastle	37,892	0	0.00	0	0.00	0	0.00
North West	2,722,021	3	0.11	9	0.33	13	0.48
Area 10	1,737,085	2	0.12	6	0.35	13	0.75
Area 13	954,129	1	0.10	3	0.31	0	0.00
RTMC: North West Regional Technology Contract	30,807						
South West	2,037,865	3	0.15	7	0.34	12	0.59
Area 1 & 2	1,877,219	3	0.16	7	0.37	12	0.64
Severn Bridge Maintenance Unit	71,103						
DBFO - A30 / A35 Exeter to Bere Regis	40,359	0	0.00	0	0.00	0	0.00
RTMC: South West Regional Technology Contract	29,623	0	0.00	0	0.00	0	0.00
Severn Bridge	19,561	0	0.00	0	0.00	0	0.00
East	1,843,078	0	0.00	4	0.22	6	0.33
Area 6 & 8	1,313,357	0	0.00	1	0.08	4	0.30
DBFO - M40 J1-15 Denham to Warwick (area 30)	306,272	0	0.00	3	0.98	2	0.65
East CDF (All Packages)	176,349	0	0.00	0	0.00	0	0.00
DBFO - A1(M) Alconbury to Peterborough	24,626						
RTMC: East Regional Technology Contract	22,474	0	0.00	0	0.00	0	0.00
National	958,623	1	0.10	1	0.10	0	0.00
NRTS - National Roads Telecommunications Services	691,698	1	0.14	1	0.14	0	0.00
Highways England TFM	108,390						
Redflex Speed Cameras	55,991						
NGVR National - Next Generation Vehicle Recovery	54,983	0	0.00	0	0.00	0	0.00
Property Management, Enquiries, Sales & Estates	23,652	0	0.00	0	0.00	0	0.00
National Expert Control Room Tech Support -NECoRTS	12,087			_			
Expert Support for Control Room Technology(ESCoRT)	6,292						
HE Efficiency and Noise Insulation Project	5,530	0	0.00	0	0.00	0	0.00

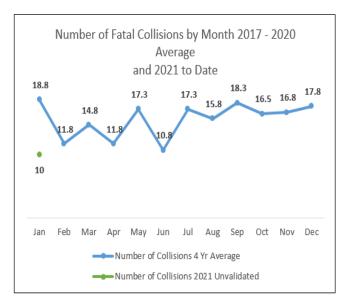
#### **Lost Time Incidents recorded by Supplier**

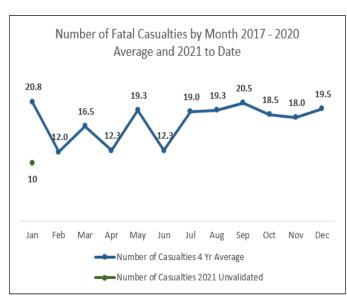






#### **Road User performance - Fatality data**







Fatal Collision and Casualty Summary Data January 2021

Ref	Date of Incident	Location	Incident Vehicles Involved	No. of Fatalities
1	03/01/2021 13:11	M1, Tingrith, Bedfordshire	1 Car	1
2	06/01/2021 09:54	A66, Richmondshire, North Yorkshire	1 HGV, 1 Car	1
3	12/01/2021 19:04	A50, Chellaston, Derbyshire	3 LGVs, 1 Car	1
4	14/01/2021 07:35	A66, Eden, Cumbria	1 HGV, 1 Car	1
5	21/01/2021 08:48	M60, Blackley, Greater Manchester	1 LCV, 1 Car	1
6	21/01/2021 08:56	M5, Stroud, Gloucestershire	3 LGVs	1
7	22/01/2021 08:31	A303, Andover, Hampshire	1 HGV, 1 Van	1
8	23/01/2021 01:04	M6, Saredon, Staffordshire	1 HGV, 1 Car	1
9	23/01/2021 09:02	M53, Wirral, Merseyside	1 Car	1
10	28/01/2021 08:01	A303, Thruxton, Hampshire	1 Van, 1 Car	1
			Total	10

Based on our current understanding there are 10 fatalities due to road traffic collisions and 5 suspected suicides in January. We have reviewed the historic number of fatalities in January for 2017 – 2020, this indicates that the average number of fatalities in the month of January was 20.8. The locations of the fatal collisions and suspected suicides are plotted on maps of the SRN, red markers indicate a fatality during January and yellow markers are the previous 11 months on a rolling total.

Fatal Collisions Rolling 12-Month Overview Previous 11 months in yellow and for January 2021 in red

2021 Numb	er of fa	tal colli	isions a	nd fatal	casualt	ties per	month						
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total
Collisions	10												10
Casualties	10												10

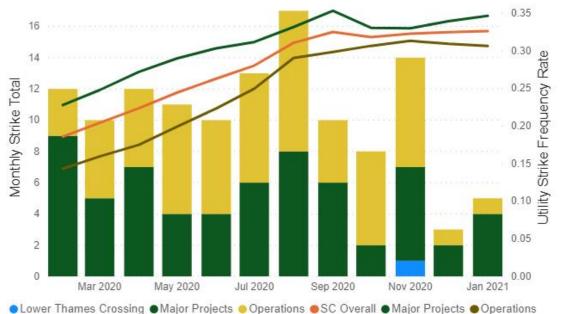
2017 – 2020 F	our-ye	ar mon	thly ave	erage of	f fatal c	ollision	s and fa	atal cas	ualties				
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total
Collisions	18.8	11.8	14.8	11.8	17.3	10.8	17.3	15.8	18.3	16.5	16.8	17.8	187.3
Casualties	20.8	12	16.5	12.3	19.3	12.3	19	19.3	20.5	18.5	18	19.5	207.8

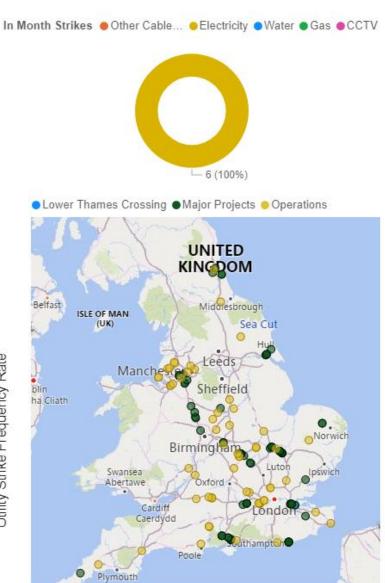
#### **Utility Strikes recorded by Supplier**

Directorate	Infrastructure Asset	Near Miss	Undesired Circumstance	Total
Lower Thames Crossing	1		0	1
Major Projects	63	9	1	73
Operations	61	1	0	62
Supply Chain	125	10	1	136

Directorate	12m Rate	Other Cables/Pipelines	Electricity	Water	Gas	CCTV	Total
Lower Thames Crossing	0.43	0	0	0	1	0	1
Major Projects	0.35	19	24	11	4	4	63
Operations	0.31	24	27	6	1	3	61
Supply Chain	0.33	43	51	17	6	7	125

#### Utility Strikes Reported per Month and Frequency Rates





## **Summary of Significant Supply Chain Incidents reported**

Operations - RIDDOR Specified In	jury	Airsweb ref: 128221
Operations, NRTS - National	An operative working for Amberon were asked to deploy a hard shoulder closure to a	llow safe access to
Roads Telecommunications	attend a network fault.	
Services	The operative exited the Impact Protection Vehicle (IPV) on the verge side and walke	d along the side of
14/12/2020	the vehicle. As he walked he tripped and rolled over on his ankle. Initially it was thoug	ght that the operative
Fell, slipped or tripped on the same	had fallen over on a drainage kerb but through the investigation, Telent were unable	to identify any
level	obstacles or other contributing factors that caused the operative to trip.	
Contractor: Telent	The constitution and the state of the state	the emble
Employer: Amberon	The operative was taken to Hospital where it was identified as a serve dislocation of	tne ankie.

This incident occurred in December 2020 however has subsequently been upgraded to RIDDOR reportable.

Major Projects - 1-3 day lost time	incident Airsweb ref: 129292
·	An operative working as a skid-steer loader driver, stepped on debris, whilst walking from the planer to his
Scheme	machine. The operative continued to work, but felt the pain increase. He rested up and did not drive the
	skid-steer loader, further. He attended his local hospital after completion of his shift and was verbally
Fell, slipped or tripped on the same	diagnosed with a badly swollen ankle and possible ligament damage.
level	
Contractor: Costain	
Employer: Tarmac	

Operations - 4-7 day lost time inci	
	A car took an exit slip at the wrong speed, lost control and came through the cones striking a Traffic
	Management vehicle (with operative on board) at the closure point. Both the Chevron operative and the
	member of public driver received no major injuries. The police were called and the driver was charged
Hit by a moving vehicle or plant	with reckless driving, a bald tyre and fined three penalty points.
Contractor: Chevron	
Employer: Chevron	





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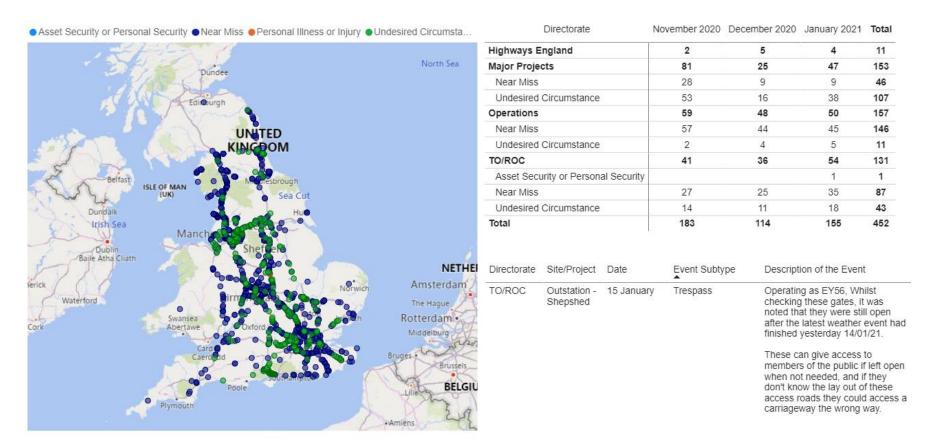
# IGNIFICANT INCIDENTS

# **Summary of Significant Supply Chain Incidents reported**

Operations - RIDDOR Specified Ir	njury Airsweb ref: 12958
Operations, South East region,	An operative was changing the pump tube from the 6" Y piece connector ready to connect to another silt
M20, J12 – J11A, Kent	tube. The silt tube he was stood on burst causing the Y-piece connector to strike his leg. He was thrown
19/01/2021	from his position into the balancing pond.
Hit by a moving or falling object	
Contractor: Osborne	The operative was rescued from the balancing pond by the standby rescue boat and emergency services
Employer: Osborne	were called to site. The operative has undergone surgery for a fractured leg.

Operations - 1-3 day lost time inc	dent	Airsweb ref: 129940
	An operative walking to their vehicle in the depot, slipped on some ice. They were tak	•
	precaution, where a chip to the bone was detected. CCTV footage has been reviewed	d. It appears that the
Fell, slipped or tripped on the same	operative was in a restricted area.	
level		
Contractor: Kier		
Employer: Kier		

#### Vehicle incursions into roadworks

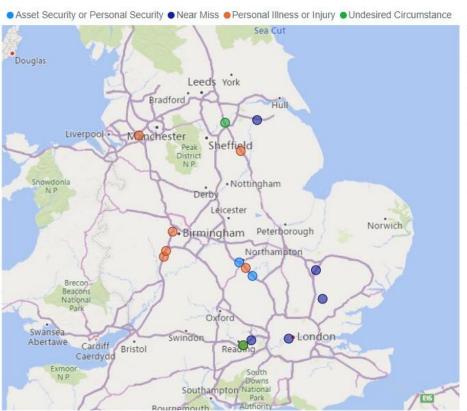


Map displaying previous 12 months events.





#### **Impact Protection Vehicle (IPV) Strikes**



Directorate	November 2020	December 2020	January 2021	Total
Major Projects	1			1
Asset Security or Personal Security	1			1
Operations	2			2
Near Miss	1			1
Personal Illness or Injury	1			1
TO/ROC			1	1
Total	3		1	4

Directorate	Site/Project	Date	Event Subtype
TO/ROC	Outstation - Heston	25 January	High Potential RIDDOR chance avoidance

IPV arrived to protect scene. Grey Mercedes proceeded down lane 1 and hit the IPV to the offside. The vehicle then proceeded into the protection zone between the IPV and my TOV narrowly hitting my TOV halting just behind it within the protection zone.

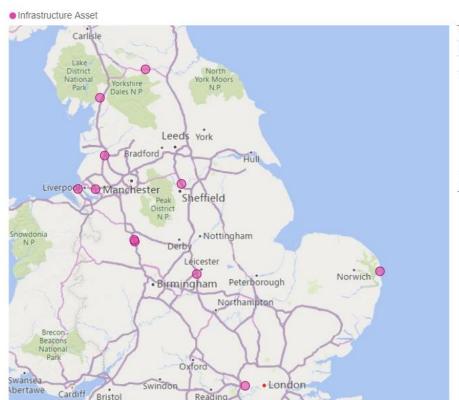
Description of the Event

Map displaying previous 12 months events





#### Infrastructure Incidents including Bridge Strikes



Highways England		1	1
Operations	1		1
Infrastructure Asset	1		1
Total	1	1	2

Directorate Site/Project Date Event Subtype Description of the Event

Map displaying previous 12 months events





#### Site Inspections undertaken in January 2021

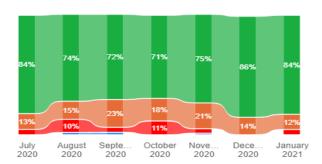
Directorate	In Month Audits	Red	Amber	Green	Blue	Actions Raised
Operations	6	0	4	179	0	1
Major Projects	9	3	10	69	0	11
Total	15	3	14	248	0	11

#### Key to non-conformance RAG status:

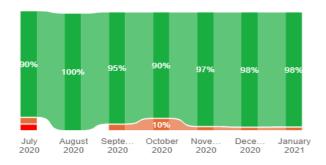
Red	Non-conformance with legislation or Raising the Bar (RtB) requirements
Amber	RtB requirements not adopted everywhere on site or in full, and negative observation
Green	Positive observation relating to management of top risks

Score	R	ed	Amber	
Directorate	Identified	Actions	Identified	Actions
Major Projects	3	2	10	8
Documentation			1	1
Management Arrangements	1	1	1	1
Management of Traffic, Mobile Plant and Vehicles	1		4	3
Office / Welfare Facilities			2	1
Work at Height and Associated Activities	1	1	1	1
Workforce Communication			1	1
Operations			4	
Housekeeping			1	
Management Arrangements			1	
Office / Welfare Facilities			2	
Total	3	2	14	8

#### Major Projects Finding Percentages



#### Operations Finding Percentages

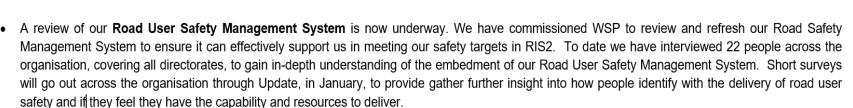






#### **Road User Performance and Road User Safety**

- The first interim findings report has been produced by Middlesex University, who are using a range of research methods to explore why people may choose to take their own life on the road network and factors that may dissuade them. The first study used a national survey of individuals who have contemplated or attempted suicide by road-related and other means of suicide. Understanding the motivations and triggers that may be specific to road methods, and the factors that may discourage people from using the road network to attempt suicide, will help inform the development of effective prevention programmes. The full implications of these findings will be considered in the final research report, alongside other workstreams. This includes in-depth interviews with individuals who have attempted suicide at road locations, a survey of all operational colleagues and a focus group, and analysis of news and online content.
- In January following many months of work with the Police Federation Roads Policing Representative, the **National Police Federation of England and Wales** have formally supported joining **Driving for Better Business Programme** as a strategic partner. The Police Federation represent in over 100,000 officers and work closely with Chief Officer Groups across all Police Forces in England and Wales. In addition, despite pressures on the Health Service from the pandemic and seasonality demands, the DfBB team have had positive engagement with the NHS and presented the programme to the National Performance Advisory Group. The presentation focused on the benefits to the NHS and encourage trusts to register.



• We have been making good progress with the Red X camera upgrade programme. 30 camera sites have been upgraded and ten are now actively being used for enforcement. We have had some delays in activating more cameras due to Covid however we are progressing at pace now to continue with the roll-out programme, including preparing the next group of enforcement authorities for Red X signal enforcement. Enhanced engagement and communication activity with enforcement authorities is helping to build trusted relationships and enable enforcement to begin. We are planning the next marketing campaign for Red X for late Spring 2021 (Covid-depending).





#### Road User Performance and Road User Safety – continued.

- Our Regional Safety Coordinators continue to deliver a range of activities, including now successfully embedding the suicide checklist into the South
  West Regions Design Service Contractor's (DSC) process. Additionally, the safety audit team review the design against the same checklist to ensure that
  we remove as far as possible any increased risk associated with schemes. This has been a real achievement and a great example of collaboration which
  the DSC has fully embraced. The process continues to evolve with the supply chain suggesting improvements that make the process more streamlined.
  As this becomes more established the hope is that it becomes 'business as usual' to consider design issues associated with self-harm.
- CALM Driver (Campaign Against Living Miserably) was launched in December 2020 and in January over 400 companies have
  requested the driver information packs containing resources to go inside commercial vehicles, making drivers aware of CALM's free and
  confidential helpline and webchat for anyone who needs to talk about the issues they are facing.







#### Health, Safety & Wellbeing Team Update

Safety Alerts: There have been 4 Safety Alerts issued in the month of January:

HEi202 – Highways England for Information Safety Alert - Safe return to work

HEi203 – Highways England for Information Safety Alert - Traffic Officer struck by TOV

HEi204 – Highways England for Information Safety Alert - Stopping on the Hard Shoulder

HEi205 – Highways England for Action Safety Alert - Ride on Rollers



