

June 2020

Summary Health Safety & Wellbeing Performance Report

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10 July 2020

home
safe
and **well**

Executive Summary

Supply Chain

The overall **Supply Chain 12 month rolling RIDDOR AFR** to June 2020 **increased** from **0.06** to **0.07**.

There was **1 RIDDOR** accident reported in June 2020.

There have been **26 RIDDORs** in the rolling 12-month period.

0 RIDDORs fell out of the scope of the rolling RIDDOR AFR calculation.

The in-month RIDDOR AFR was **0.03** and the net 12 month recorded hours decreased by 0.16% (39.79 to 39.72m).

The **Major Projects 12 month rolling RIDDOR AFR** to June 2020 **remained** at **0.06**.

There was **1 RIDDOR** accidents reported in June 2020.

0 RIDDORs fell out of the scope of the rolling RIDDOR AFR calculation.

The in-month RIDDOR AFR was **0.07** and the net 12 month recorded hours decreased by 0.70% (19.84 to 19.70m).

The **Operations 12 month rolling RIDDOR AFR** to June 2020 **remained** at **0.07**.

There was **0 RIDDORs** accident reported in June 2020.

0 RIDDORs fell out of the scope of the rolling RIDDOR AFR calculation.

The in-month RIDDOR AFR was **0.00** and the net 12 month recorded hours increased by 0.38% (19.95 to 20.02m).

Incidents reported in month: There have been **4** Lost Time Incidents reported this month – **3** Major Projects and **1** Operations of which **1** was RIDDOR reportable.

Site Inspections: There have been **69** inspections carried out for June 2020 by the H&S Division, **23** in Major Projects and **46** in Operations

Utility Strikes: There have been **9** service strikes reported this month

Fatality Data: The National Incident Liaison Officer (NILO), media and police reports provide information on the number of fatalities on the strategic road network. These data sources indicated that there had been **8 fatal incidents** and **5 suicides** on the Strategic Road Network.

Vehicle Incursions: There have been **191** Vehicle Incursions reported this month

IPV Strikes: There has been **1** IPV Strike reported this month

Bridge Strikes: There have been **0** Bridge Strikes reported this month

RIDDOR Accident Frequency Rate Overview

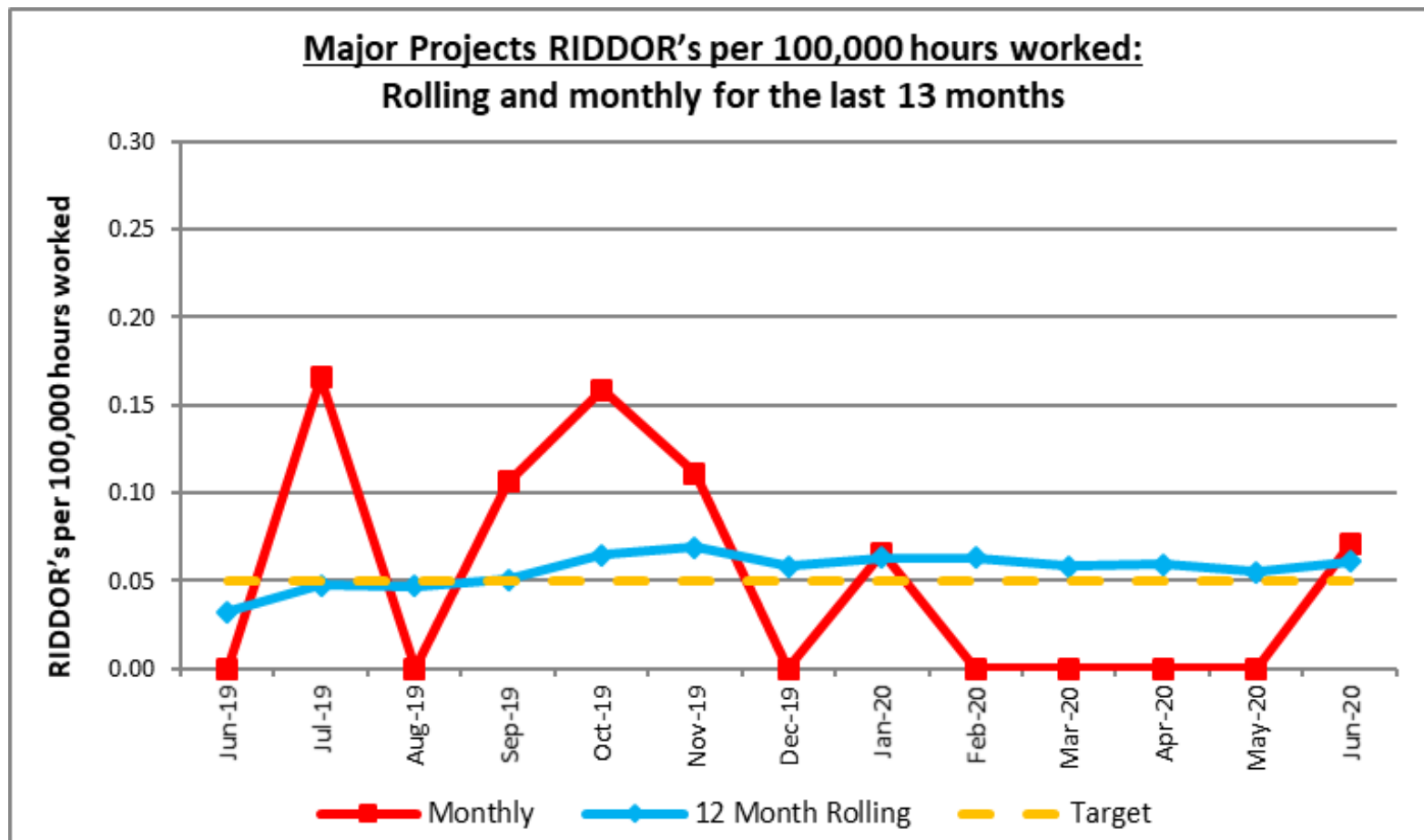
Month and 12 month rolling RIDDOR incident data

Area	AFR RIDDOR Target	AFR RIDDOR Actuals (rolling 12 months)	AFR RIDDOR for month	Fatality	RIDDOR Specified Injury	RIDDOR > 7-day injury	RIDDOR Disease	Total RIDDOR Reportable	RIDDOR Dangerous Occurrences ⁽¹⁾
Major Projects	0.05	0.06	0.07	0 (0)	1 (7)	0 (5)	0 (0)	1 (12)	0 (2)
Operations	0.05	0.07	0.00	0 (0)	0 (8)	0 (5)	0 (1)	0 (14)	0 (0)
Supply Chain Total	0.05	0.07	0.03	0 (0)	1 (15)	0 (10)	0 (1)	1 (26)	0 (2)

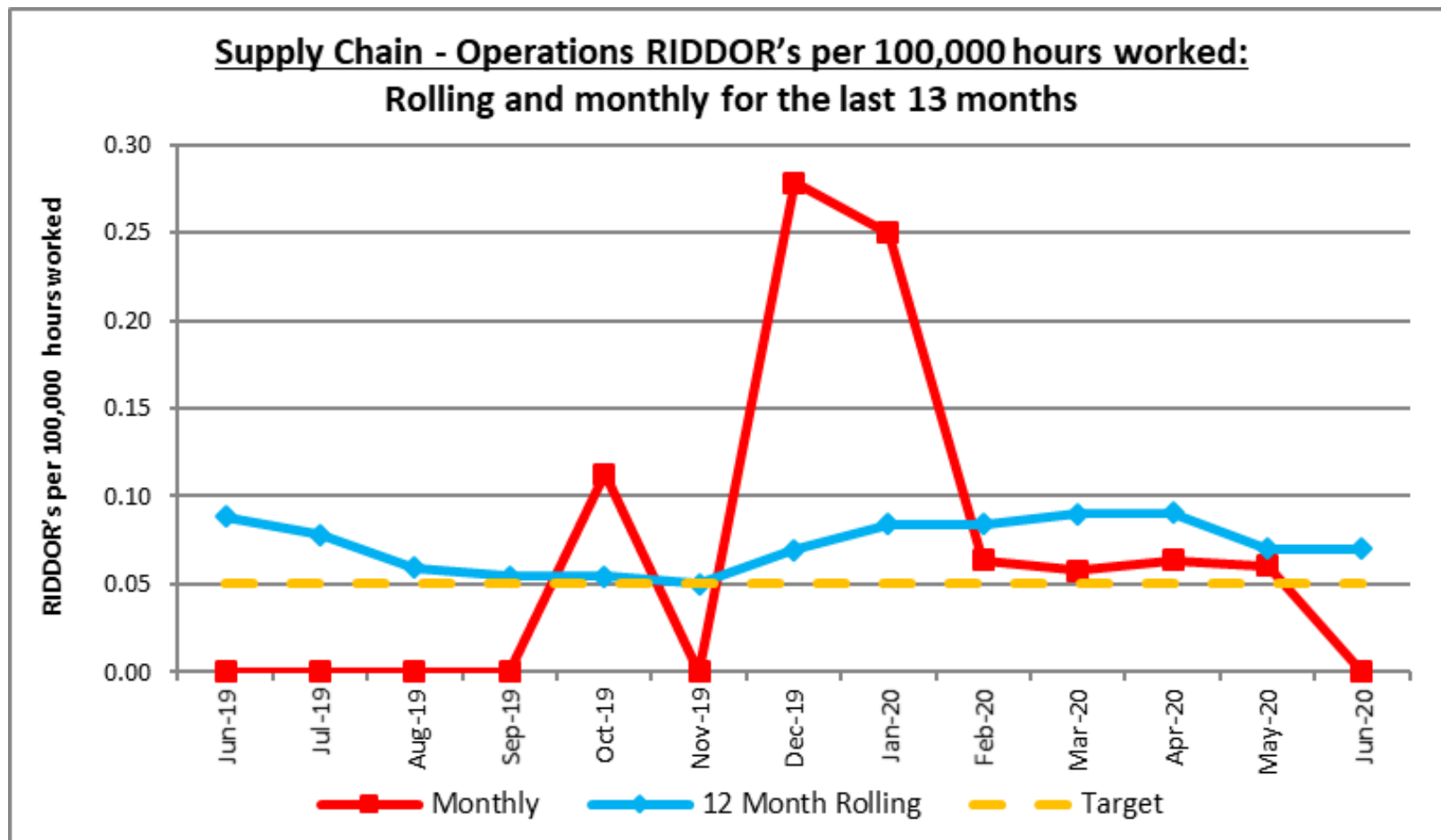
(These RAG ranges have been updated from May 2020 to align to agreed vesting ranges)

Supply Chain AFR RIDDOR RAG:	≥ 0.08	0.07 - 0.06	≤ 0.05
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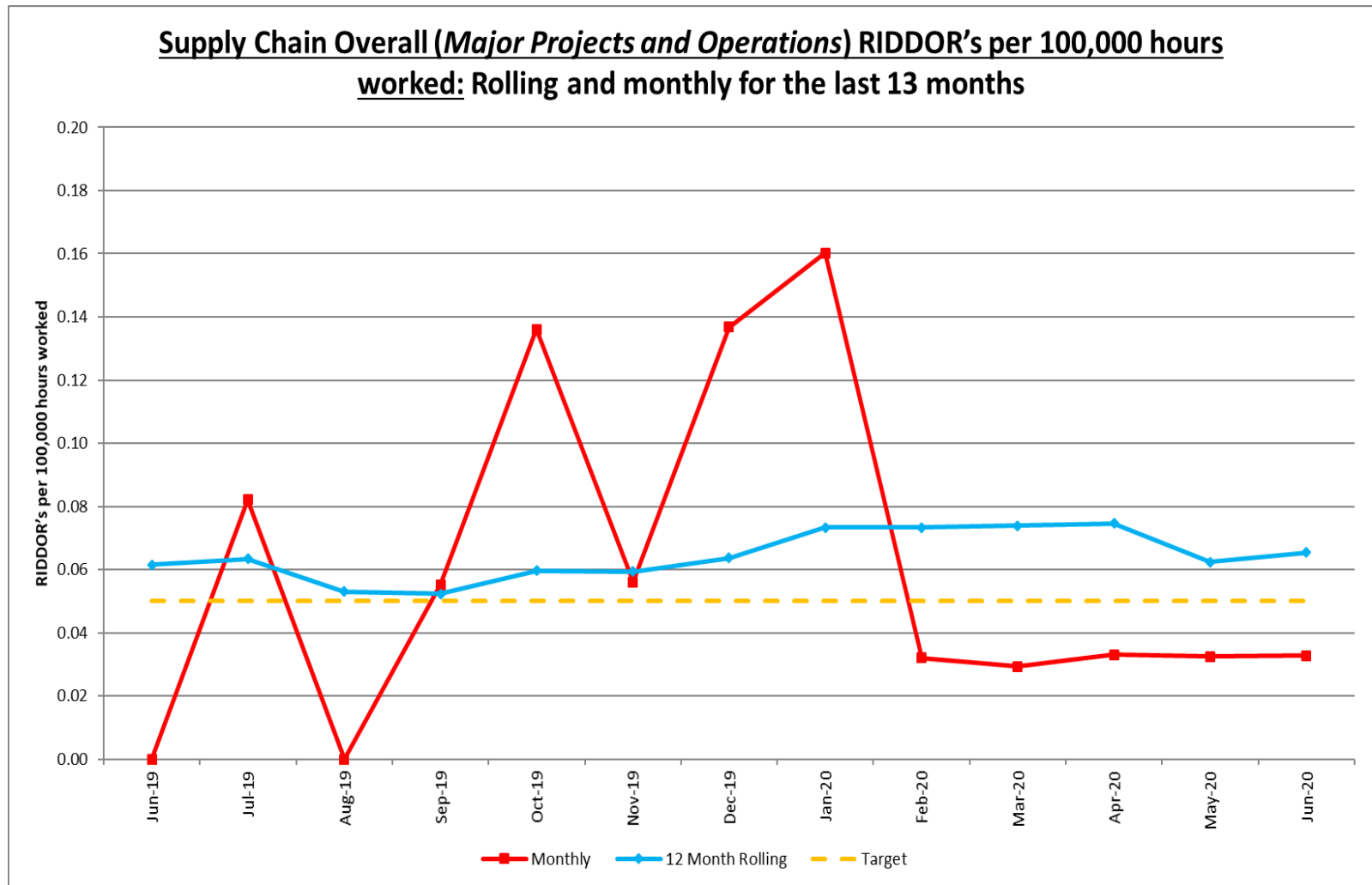
Graph 1 – Rolling AFR for Supply Chain - Major Projects



Graph 2 – Rolling AFR for Supply Chain - Operations



Graph 3 – Rolling AFR for Supply Chain – Major Projects and Operations



RIDDOR performance by Supplier across the Supply Chain

Summary of 12 month rolling RIDDOR performance by supplier across all Supply Chain

Supplier	Hours Worked	% Hours Worked	RIDDOR	Type of incidents				June AFR	Group AFR RIDDOR (2019/20 performance)
				Fatality	Specified Injury	> 7 Day	Disease		
Kier Highways	8,559,564	21.55%	3	0	1	2	0	0.04	0.05
Balfour Beatty	3,886,175	9.78%	4	0	2	1	1	0.10	0.08
Aone+	3,687,419	9.28%	0	0	0	0	0	0.00	0.00
BAM Nuttall Ltd	3,020,343	7.60%	2	0	2	0	0	0.07	0.10
Skanska	2,681,595	6.75%	1	0	1	0	0	0.04	0.06
Costain	2,365,412	5.95%	3	0	2	1	0	0.13	0.05
AECOM	1,999,605	5.03%	2	0	0	2	0	0.10	0.01
Connect Plus	1,942,891	4.89%	2	0	2	0	0	0.10	0.00
Amey	1,575,718	3.97%	0	0	0	0	0	0.00	0.06
Telent	731,732	1.84%	0	0	0	0	0	0.00	0.06
Ringway Ltd	724,768	1.82%	1	0	0	1	0	0.14	0.16
HW Martin Ltd	647,360	1.63%	1	0	1	0	0	0.15	0.13
Interserve	527,788	1.33%	0	0	0	0	0	0.00	0.08
Chevron	438,260	1.10%	0	0	0	0	0	0.00	0.00
Galliford Try	432,199	1.09%	0	0	0	0	0	0.00	0.10
Autolink Concessionaires (A19) Ltd	378,505	0.95%	0	0	0	0	0	0.00	0.14
Egis	327,172	0.82%	1	0	1	0	0	0.31	0.60
Vinci Construction	325,070	0.82%	1	0	1	0	0	0.31	0.11
Osborne	317,974	0.80%	0	0	0	0	0	0.00	0.15
CHC Highways	251,105	0.63%	1	0	1	0	0	0.40	0.37
Midland Express Way	226,928	0.57%	1	0	0	1	0	0.44	0.35
Huyton Asphalt	20,490	0.05%	2	0	1	1	0	9.76	TBC
DDC Engineering Solutions	5,830	0.01%	1	0	0	1	0	17.15	TBC
Rest of Group (65)	4,652,983	11.71%	0	0	0	0	0	0.00	-
Grand Total	39,726,886	100%	26	0	15	10	1	0.07	

Group AFR RIDDOR data relates to 2019/20 performance

Key	≥ 0.08	0.07 - 0.06	≤ 0.05
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Performance by Supplier across the Supply Chain

Major Projects Contractor Performance

Supplier	Rolling 12 months to June 2020								
	Hours Worked (12 Mths)	Total RIDDORs	Fatality	Specified Injury	>7 day	Disease	Minor Injuries	AFR	May AFR
Kier Highways	3,795,774	2	0	1	1	0	9	0.05	0.05
Balfour Beatty	3,646,660	2	0	1	1	0	6	0.05	0.06
Skanska	2,681,595	1	0	1	0	0	14	0.04	0.03
Costain	2,365,412	3	0	2	1	0	9	0.13	0.09
BAM Nuttall Ltd	2,364,494	1	0	1	0	0	14	0.04	0.04
AECOM	1,927,083	2	0	0	2	0	1	0.10	0.11
Interserve	444,259	0	0	0	0	0	1	0.00	0.00
Galliford Try	426,268	0	0	0	0	0	3	0.00	0.00
Vinci Construction	325,070	1	0	1	0	0	8	0.31	0.27
Osborne	286,761	0	0	0	0	0	7	0.00	0.00
Jacobs	257,475	0	0	0	0	0	1	0.00	0.00
Atkins	197,753	0	0	0	0	0	1	0.00	0.00
Sisk	164,219	0	0	0	0	0	2	0.00	0.00
Arup	158,569	0	0	0	0	0	0	0.00	0.00
WSP	144,504	0	0	0	0	0	0	0.00	0.00
Volker Fitzpatrick	67,577	0	0	0	0	0	0	0.00	0.00
Amey	63,907	0	0	0	0	0	0	0.00	0.00
Mott MacDonald Ltd	60,615	0	0	0	0	0	1	0.00	0.00
Arcadis	54,962	0	0	0	0	0	0	0.00	0.00
Redflex	50,561	0	0	0	0	0	0	0.00	0.00
SWECO	4,712	0	0	0	0	0	0	0.00	0.00
Pre-construction/PC to be assigned	267,766	0	0	0	0	0	0	0.00	0.00
Grand Total	19,755,996	12	0	7	5	0	77	0.06	0.06

Key ≥ 0.08 0.07 - 0.06 ≤ 0.05

Performance by Supplier across the Supply Chain

Supply Chain Operations (Regional and Programme Performance)

Region / Function	Rolling 12 months to June 2020							
	Hours Worked (12 months)	Total RIDDORs	Fatality	Specified Injury	>7 day	Disease	Minor Injuries	AFR
East	1,487,648	2	0	1	1	0	12	0.14
Area 6 & 8	661,935	1	0	0	1	0	1	0.15
DBFO - A1(M) Alconbury to Peterborough	28,731	0	0	0	0	0	0	0
DBFO - M40 J1-15 Denham to Warwick (area 30)	327,172	1	0	1	0	0	8	0.31
East CDF (All Packages)	447,125	0	0	0	0	0	3	0
RTMC: East Regional Technology Contract	22,685	0	0	0	0	0	0	0
Midlands	4,957,008	3	0	1	2	0	29	0.06
Area 7	1,580,741	0	0	0	0	0	15	0
Area 9	2,444,807	1	0	0	1	0	9	0.04
DBFO - A50 / A564 Stoke to Derby	48,683	0	0	0	0	0	0	0
M5 Oldbury Project	655,849	1	0	1	0	0	5	0.14
North West	2,585,719	3	0	2	1	0	12	0.12
Area 10	1,607,430	3	0	2	1	0	8	0.2
Area 13	925,242	0	0	0	0	0	4	0
RTMC: North West Regional Technology Contract	53,047	0	0	0	0	0	0	0

Key ≥ 0.08 0.07 - 0.06 ≤ 0.05

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Performance by Supplier across the Supply Chain

Supply Chain Operations (Regional and Programme Performance)

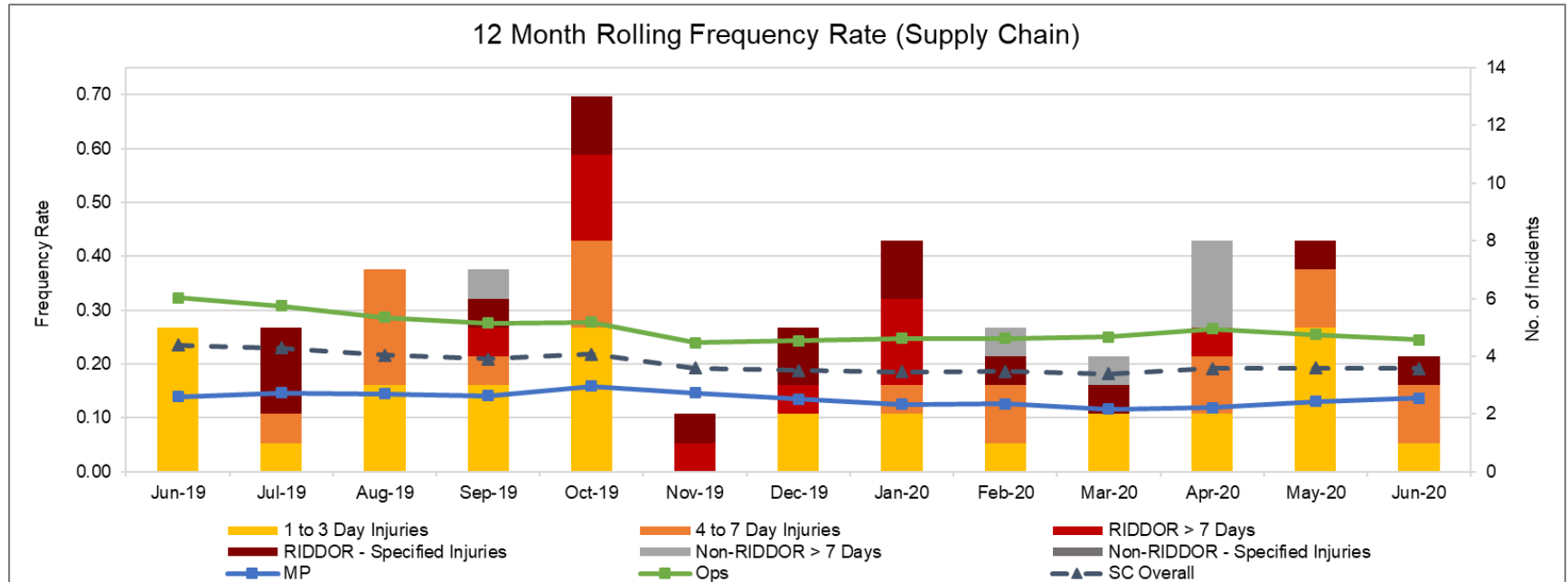
Region / Function	Rolling 12 months to June 2020							
	Hours Worked	Total RIDDORs	Fatality	Specified Injury	>7 day	Disease	Minor Injuries	AFR
South East	4,699,206	2	0	2	0	0	23	0.04
Area 3	1,251,778	0	0	0	0	0	3	0
Area 4	1,456,998	0	0	0	0	0	9	0
DBFO - M25 (Area 5)	1,942,891	2	0	2	0	0	9	0.1
RTMC: M25 Regional Technology Contract	25,923	0	0	0	0	0	1	0
RTMC: South East Regional Technology	21,616	0	0	0	0	0	1	0
South West	1,925,064	1	0	0	1	0	9	0.05
Area 1 & 2	1,723,666	1	0	0	1	0	7	0.06
DBFO - A30 / A35 Exeter to Bere Regis	44,488	0	0	0	0	0	0	0
RTMC: South West Regional Technology Contract	25,701	0	0	0	0	0	0	0
Severn Bridge	15,845	0	0	0	0	0	2	0
Severn Bridge Maintenance Unit	115,364	0	0	0	0	0	0	0
Yorkshire and North East	3,585,218	3	0	2	0	1	7	0.08
Area 12	2,230,421	0	0	0	0	0	0	0
Area 14	745,032	1	0	1	0	0	3	0.14
DBFO - A1 Darrington to Dishforth	86,450	0	0	0	0	0	0	0
DBFO - A168 / A19 Dishforth to Tyne Tunnel	378,505	0	0	0	0	0	4	0
DBFO - A69 Carlisle to Newcastle	34,814	0	0	0	0	0	0	0
DBFO - M1 - A1 Link Road	51,985	2	0	1	0	1	0	3.9
North East Tech Mac Contract	58,011	0	0	0	0	0	0	0
National	785,754	0	0	0	0	0	1	0
Expert Support for Control Room Technology (ESCoRT)	14,374	0	0	0	0	0	0	0
HE Efficiency and Noise Insulation Project	20,686	0	0	0	0	0	0	0
NGVR National - Next Generation Vehicle Recovery	62,109	0	0	0	0	0	0	0
NRTS - National Roads Telecommunications Services	661,508	0	0	0	0	0	1	0
Property Management, Enquiries, Sales & Estates	27,077	0	0	0	0	0	0	0
Grand Total	20,025,617	14	0	8	5	1	93	0.07

Lost Time Incidents recorded by Supplier

Supply Chain Lost Time Incidents

Supplier	Hours worked	% hours worked	Total No. of LTIs	Type of incidents						LTI AFR
				1 to 3 Day Injury	4 to 7 Day Injury	RIDDOR > 7 Day Injury	RIDDOR Specified Injury	Non-RIDDOR > 7 Day Injury	Non-RIDDOR Specified Injury	
Kier Highways	8,559,564	21.55%	14	6	5	2	1	0	0	0.16
Connect Plus	1,942,891	4.89%	7	2	3	0	2	0	0	0.36
Skanska	2,681,595	6.75%	6	5	0	0	1	0	0	0.22
Costain	2,365,412	5.95%	6	3	0	1	2	0	0	0.25
Egis	327,172	0.82%	5	2	0	0	1	2	0	1.53
Balfour Beatty	3,886,175	9.78%	4	1	0	1	2	0	0	0.10
Carnell Support Services Ltd	354,622	0.89%	4	3	1	0	0	0	0	1.13
Interserve	527,788	1.33%	3	1	1	0	0	1	0	0.57
Amey	1,575,718	3.97%	3	1	1	0	0	1	0	0.19
Autolink Concessionaires (A19) Ltd	378,505	0.95%	2	1	1	0	0	0	0	0.53
Aone+	3,687,419	9.28%	2	0	2	0	0	0	0	0.05
Huyton Asphalt	20,490	0.05%	2	0	0	1	1	0	0	9.76
BAM Nuttall Ltd	3,020,343	7.60%	2	0	0	0	2	0	0	0.07
AECOM	1,999,605	5.03%	2	0	0	2	0	0	0	0.10
Galliford Try	432,199	1.09%	2	0	2	0	0	0	0	0.46
Ringway Ltd	724,768	1.82%	2	0	0	1	0	1	0	0.28
Rest of Group	7,242,620	18.23%	10	2	2	2	3	1	0	0.14
SC Total	39,726,886	100.00%	76	27	18	10	15	6	0	0.19

Lost Time Incidents recorded by Supplier



Road User performance - Fatality data

The National Incident Liaison Officer (NILO), Media and Police Reports provide some understanding on the number of fatalities on the strategic road network. Based on our current understanding there are **8 fatalities due to road traffic collisions and we estimate 5 suspected suicides in June**. We have reviewed the historic number of fatalities in June for 2017 – 2019, this indicates that the average number of fatalities recorded was 13. |

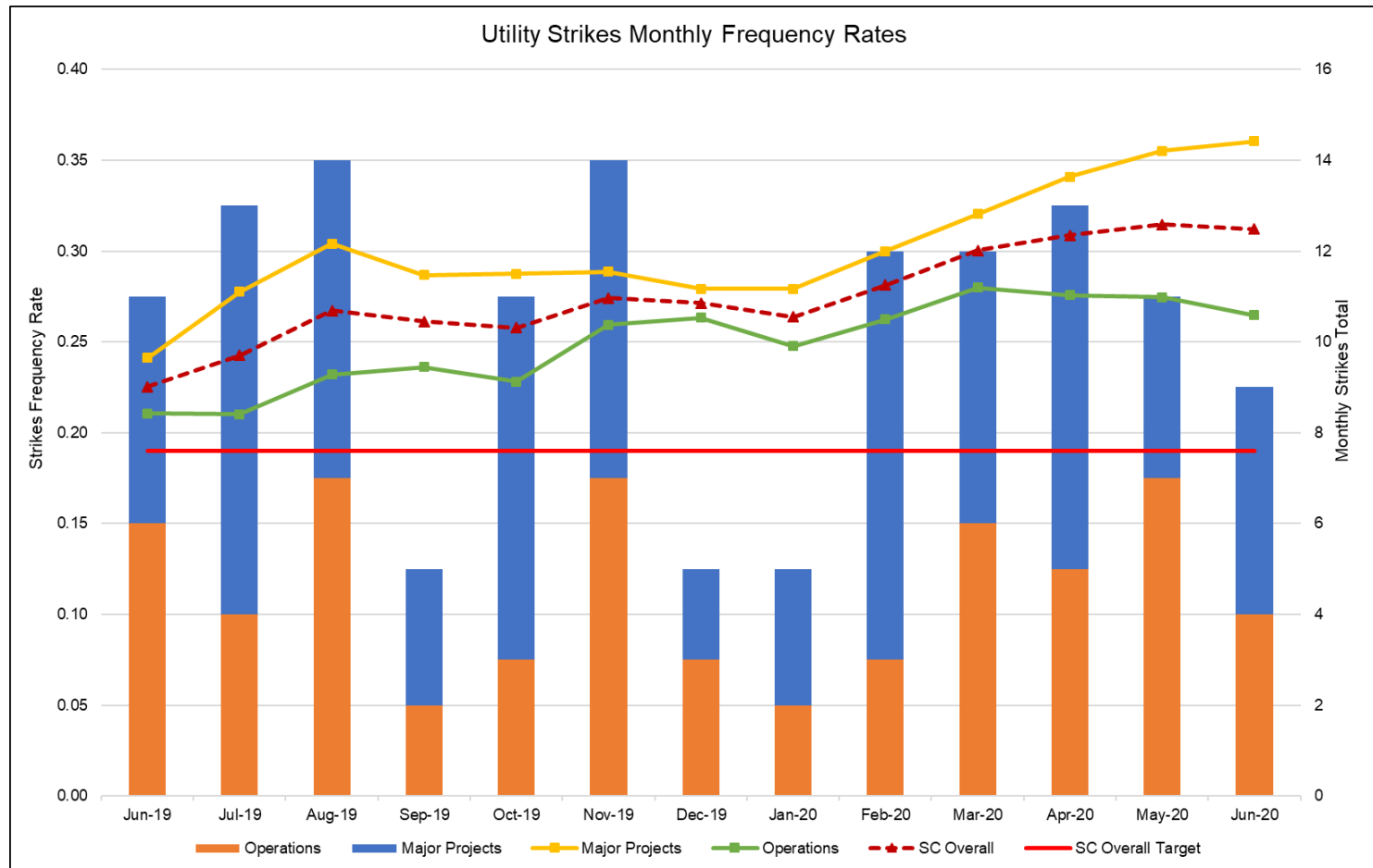
Fatal Summary Data June 2020

Ref	Date of Incident	Location	Incident Vehicles Involved	No. of Fatalities
1	02/06/2020 11:41	M1, Erewash, Derbyshire	1 LGV	1
2	04/06/2020 05:47	A27, Wilmington, Sussex	1 Van, 1 Car	1
3	13/06/2020 14:20	A46, Owthorpe, Nottinghamshire	1 LGV Horsebox, 1 Car	1
4	16/06/2020 20:11	M25, Theydon Bois, Essex	1 Car	1
5	17/06/2020 19:39	M4, Harmondsworth, London	1 Car, 1 Motorcycle	1
6	22/06/2020 06:28	M40, Flackwell Heath, Buckinghamshire	2 HGVs	1
7	24/06/2020 02:57	A27, Chichester, West Sussex	1 HGV, 1 Car	1
8	28/06/2020 12:46	M61, Chorley, Lancashire	1 Car	1
Total				8

Suspected Suicides Summary Data June 2020

Ref	Date of Incident	Location	Incident Vehicles Involved	No. of Fatalities
9	01/06/2020 17:04	A1, Barrowby, Lincolnshire	1 HGV, 1 Pedestrian	1
10	04/06/2020 02:54	A1, Barrowby, Lincolnshire	1 Car, 1 Pedestrian	1
11	13/06/2020 03:30	A14, Orwell Bridge, Suffolk	1 Pedestrian	1
12	14/06/2020 03:14	M20, Mersham, Kent	1 Pedestrian	1
13	30/06/2020 01:14	A500, Stoke on Trent, Staffordshire	1 HGV, 1 Pedestrian	1
Total				5

Utility Strikes recorded by Supplier



Summary of Significant Supply Chain Incidents reported

RIDDOR reportable incidents:

There has been 1 RIDDOR reportable incident in June within Major Projects.

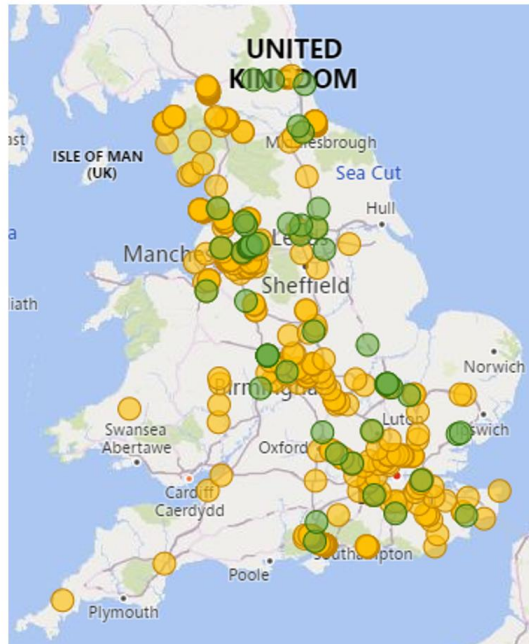
Date of Incident	Location	Incident Category	Overview of incident	Airsweb reference
06/06/2020	Major Projects M1 J13-J16 Smart Motorways Scheme	RIDDOR Specified Injury	An operative was carrying out bore hole works. While removing one of the drilling rods from the drilling rig, his right wrist was trapped by the clamp on the drilling rig that holds the rods in place. His wrist was <u>in the area</u> of the clamp and as the clamp opened, he trapped it between the outside of the clamp and the side of the rig and his wrist immediately started to swell. He received no first aid on site and was taken straight to Northampton A&E where a fractured wrist was diagnosed.	118517

Lost Time Incidents:

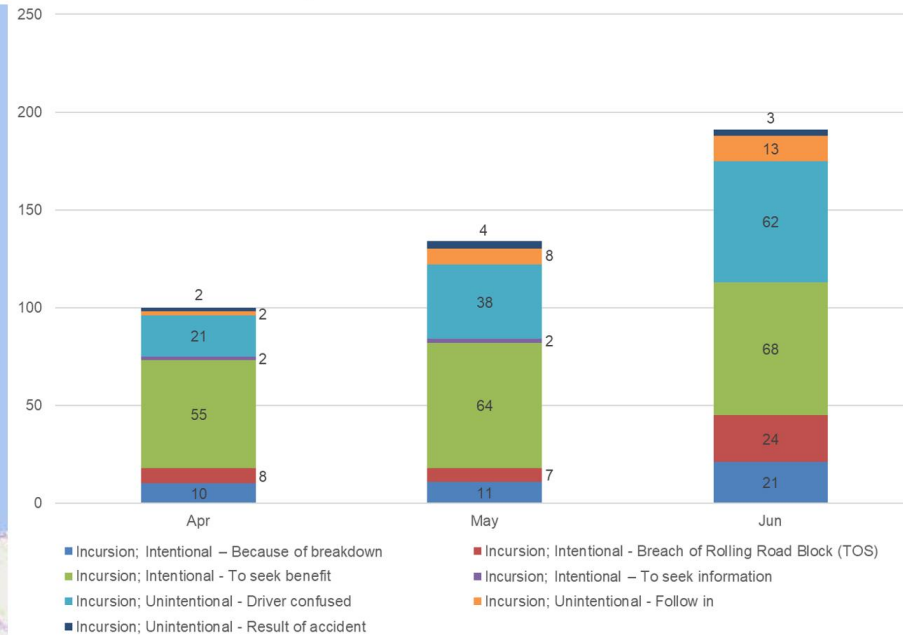
Date of Incident	Location	Incident Category	Overview of incident	Airsweb reference
03/06/2020	A47 Norwich	4 to 7 Day Injury	An archaeologist entered an excavation via a ramped access, to explore a feature. They slipped causing them to injure their ankle. Due to First Aid not being sought at the time of the injury, the extent cannot be determined, however, the archaeologist continued to work until the end of the shift. They did not return to work for their next scheduled shift.	118410
17/06/2020	A14 Bar Hill to Dry Drayton	1 to 3 Day Injury	A Lead Fencer working with a Fencing colleague slipped on a wet grassed bank area and injured his right knee. This has occurred whilst manual handling post and rail fencing materials. At the time of the incident, it was not reported to Site Management because the fencer thought their knee was not injured. He continued moving / loading his vehicle with the fencing materials. At the end of his shift, he drove back to his yard and then drove home. The Lead Fencer woke the following morning with a swollen knee and then attended his local hospital where it was confirmed he had not fractured his knee.	119228
19/06/2020	A585 Fleetwood	4 to 7 Day Injury	Due to heavy rain, an excavator operator had been instructed to level the ground in a compound, using a 5-tonne excavator. When finished he exited the cab. On stepping down, his left leg slipped approx. 1-2 inches on contact with the ground. He twisted his knee as his foot slipped, felt pain, but did not think he had sustained any injury. Over the weekend he experienced increased pain and attended A&E on following Monday morning.	119354

Vehicle incursions into roadworks

Areas of Incursions: April-June 2020



Kind of Incursions: April-June 2020



	Undesired Circumstance (a set of conditions or circumstances that have the potential to cause injury or ill health)
	Near Miss (an event not causing harm, but has the potential to cause injury or ill health)
	Personal Injury

Data exported: 09:35 - 01/07/20.

Impact Protection Vehicle (IPV) Strikes

There has been 1 incident with "IPV Strike" indicated as the Kind of Event reported in June.

Airsweb reference	Department	Site/Project	Date	Event Subtype	Description of event
118904	Major Projects	MP-0156 - M4 J3 to 12	13/06/20	No Lost Time	A recovery IPV was deployed in Lane 1 to facilitate a recovery within an open TM access. A (Tesco) HGV moved from Lane 2 into Lane 1 (approx 100m before IPV position) and drove straight into the back of the IPV. The HGV failed to brake until it virtually impacted the IPV cushion, where the driver violently swerved into Lane 2, striking the impact cushion.

Site Inspections undertaken in June 2020

This month (23/05 – 26/06), there have been **69** inspections undertaken across Highways England, a summary of the findings is below.

	Number of inspections	No. observations	No. observations	No. observations	No. observations
		Status (Red)	Status (Amber)	Status (Green)	Blue Star
Major Projects	23	3	35	185	-
Operations	46	-	16	245	0
Totals	69	3	51	430	0

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

★ Exceptional performance or new initiative not widely used on another site

Blue Star(s) Awarded – NIL

Audit ID	Audit Date	Division	Site	Section	Finding Details

Site Inspections undertaken in June 2020

Red and Amber findings across Major Projects:

Division	Section	Question	Red		Amber	
			Identified	Actions Raised	Identified	Actions Raised
Major Projects	Documentation	CDM			3	3
		RAMS	1	1		
	Housekeeping	Drip Trays			1	
		Storage of Materials			1	1
		Task Lighting			1	1
	Lifting Operations	Cranes			1	1
	Management Arrangements	Cleaning Regime			1	1
		Accident Reporting and Investigation			4	3
		Emergency Procedures			1	1
		Leadership			1	1
		Site Rules			3	2
		Supervision	1	1	2	1
	Mgmt. of Traffic, Mobile Plant & Vehicles	Fatigue Management			1	1
		O/H Services / Structures			1	1
		Segregation			1	
		Site Security			1	
		Traffic Routes			1	
	Office / Welfare Facilities	COVID-19			2	1
		Canteen / Rest Area			2	1
		Fire Extinguishers			1	1
		First Aid			1	1
		Toilets			1	1
	Work at Height and Associated Activities	MEWPS	1	1		
	Workforce Communication	Behavioral Based Safety			1	
		Consultation Meetings			1	1
		Inductions			1	1
		Safety Alerts			1	1
	Totals		3	3	35	25

Red and Amber findings across Operations:

Division	Section	Question	Red		Amber	
			Identified	Actions Raised	Identified	Actions Raised
Operations	Electrical Safety	Fixed Installations / Appliances			1	
	Housekeeping	Site Tidiness			1	
		Slip, Trips, Falls			1	
		Storage of Materials			1	
	Management Arrangements	PPE			1	
		Site Rules			1	
		Supervision			1	
	Mgmt. of Traffic, Mobile Plant and Vehicles	Vehicles			1	
	Office / Welfare Facilities	Canteen / Rest Area			1	
		Drying Room			1	
		Fire Extinguishers			3	
		Toilets			2	
	Work at Height and Associated Activities	Excavations			1	
	Totals		-	-	13	-

Road User Performance and Road User Safety

- On the 11 June our **Driving for Better Business** programme launched the [‘Ready for the Road?’](#) package, this was part of a wider national multi-agency programme led which included National Police Chiefs Council, Department for Transport, Driver Vehicle Standards Agency and Health and Safety Executive. As part of this launch, we provided 20 hours of radio interviews across 140 radio stations, this had the potential to reach 42.7 million listeners. The Express online also published a positive article providing huge support for the package entitled [“Road safety: Cars can be kept in a roadworthy condition by following this new app”](#). Delivered in collaboration with [FleetCheck](#) and Mercedes-Benz Vans, the package includes a free driver app and management portal to provide a robust way for employers to safely get drivers and vehicles ready for the road again after the COVID-19 lockdown. The package helps: drivers undertake thorough inspections before vehicles are used again; offers advice on readjusting to higher traffic levels and the new challenges employers and employees will have to contend with and provides the tools for businesses to undertake COVID-19 risk assessments for their on-road operations; and provides an audit trail that their drivers and vehicles have all been put back on the road safely. The app and portal are completely free to use for employers. Following the launch registration for access the app was downloaded by 154 business within 5-days, whom collectively manage 40,728 drivers and 64,367 vehicles.



Driver App

- *Back to work vehicle checks*
- *Daily sanitisation checklist*
- *Driver awareness videos*
- *Policy acceptance*
- *‘Fit to drive’ declaration*



Management Portal

- *Audit trail of completed checks*
- *Policy distribution*
- *Push messages to drivers*
- *COVID-19 risk assessment*
- *Duty of care resources*

- Our **Young Riders Motorcycling Compulsory Basic Training** programme, [RideFree](#) has won the **CIHT Road Safety Award 2020**. Despite persistently high casualty numbers, young motorcycle riders are poorly provided for through safety programmes. A pioneering study comparing four alternative training approaches brought together 14 organisations, from across the East of England, including police, Driver Vehicle Standards Agency and the Motorcycle Industry Association to conduct a randomised controlled trial of changes to Compulsory Basic Training (CBT), which have now been adopted. This project was recognised as an outstanding example of rigorous intervention design, partnership working, stakeholder engagement and robust evaluation to create an evidence-led behavioural programme.
- Our [DrivingHub](#) programme has been awarded the [FirstCar Young Driver Road User Safety Award for Partnership of the Year](#). The awards recognise projects that have improved young driver behaviour. [DrivingHub](#) provides practical advice for novice drivers which looks to increase the knowledge and confidence of learner and novice drivers, by providing free road safety resources such as vehicle check guidance. We continue to make improvements to [DrivingHub](#), this includes refreshing and introducing new content covering a range of topics, for example, factors affecting driver fatigue.

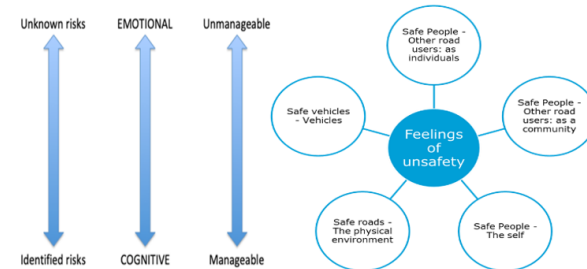
Road User Performance and Road User Safety



- We continue to take forward work with Thatcham Research (an automotive research centre which advises insurers) to accelerate the development and uptake of **collision avoidance technologies**. Our first phase of work focused on Light Commercial Vehicles (Vans), where the level of driver aids and collision avoidance technologies are limited as standard fitment. This first phase focused on showing the impact of Automatic Emergency Braking (AEB). In 2019 12.8% of newly registered vans had standard AEB, namely Mercedes Sprinter and Volkswagen models, but by contrast, standard AEB on newly registered cars was 62%. Our testing demonstrated the impact on these systems for reducing the likelihood and severity of incidents, it also identified issues with systems and varying levels of performance by collision type (i.e. car, pedestrian and cyclist) and identified the need for improvement. Based on this phase we have made the case with Thatcham to EuroNCAP for a **Light Commercial Vehicle Testing (VanCAP)** to provide safety ratings in a similar way to cars. The results will be launched in late 2020, we expect that this will act as a catalyst for accelerating improvements to van safety. The next key phase of work with Thatcham is to test and consider the impact of **Driver Monitoring Systems** focusing on their role in preventing fatigue and distraction related collisions.



- We continue to develop evidence-based behavioural approaches to improve road safety across the business. We have delivered the final qualitative research report on **customer perceptions of safety**. The findings improve our understanding of the dimensions of feeling safe or unsafe on the network and the factors that influence how drivers/motorbike riders feel. It demonstrates that subjective safety and objective safety are intimately related and that to effectively address the latter consideration must be given to the former. The report provides a framework to inform how we can consider perceptions of safety in our work. Its application will vary across different parts of the business. It is already being used to inform work on customer perceptions of emergency areas. The group will be undertaking work to promote the use of the findings and to improve our measurement of subjective safety in the future.



Road User Performance and Road User Safety

- We have developed a **Suicide Prevention Power BI Monitoring Tool** to improve early identification of emerging issues and to help identify frequently used locations. The figure from the Power BI tool shows a 12-month heat map of suicides/attempted suicides on the network. The tool uses the latest suicide attempt data from Control Works to prioritise locations based on incident numbers and geographical locations to support regions in focusing activity and partnership working. This tool is being used by Regional Intelligence Units to monitor suspected suicides and suicide attempts, where new locations are established, i.e. A1 Lincolnshire in May, site assessments are carried out and contact made with relevant local partners (i.e. Lincolnshire Police, Safer Roads Partnership and Local Authority Suicide Prevention Working Group) to better understand any contributory factors and potential interventions at these locations.



- We continue to deliver a programme of activities to reduce the number and severity of tyre related incidents involving Heavy Good Vehicles, which account for 34% (circa 20,000) tyre related incidents annually. Our **Tyre Technology Monitoring Pilots** which measure tyre pressure, tread depth, vehicle weight and weight distribution for HGV's have been installed at ports, logistic hubs and DVSA check sites. Our latest tyre technology site at a Tesco Distribution site in Reading is now 'live' and operational, this site also includes an additional trial of dual sidewall imaging. Further pilots are planned at an Amazon Parcel Hub and a National Express Coach Station. The findings from these pilots will inform a revision to the '*Guide to Tyre Management on Heavy Vehicles*' which is being developed with Freight Transport Association, Road Haulage Association, DVSA and Tyre Industry Federation.
- Following discussions with representatives of the National Police Chiefs Council (NPCC) they have agreed to communicate the **Post Collision Fatal Reporting** process to all Roads Policing Senior Investigating Officers in all forces in England – this will be achieved through the Serious Collision Review Board and to all Chief Constables through the NPCC Chiefs networks in July 2020. The communication of our approach via both strategic and operational leads will ensure that when there is now a fatal on our network Police Senior Investigating Officers are aware of our revised process and necessary activities required. This should directly improve the information on the Fatal Incident Notification's which we use to report fatalities.



Health, Safety & Wellbeing Team Update

a) **Safety Alerts: There have been 6 Safety Alerts issued in the month of June:**

- HEi164 – Highways England for Information Safety Alert – [Slip, trip on level ground - fractured wrist injury](#)
- HEi165 – Highways England for Information Safety Alert - [5G Protest Posters - Sharps risk](#)
- HEi166 – Highways England for Information Safety Alert - [Vaisala Weather Station Equipment Rack](#)
- HEi167 – Highways England for Information Safety Alert - [Damage to Underground Services](#)
- HEi168 – Highways England for Information Safety Alert - [Drilling Rig Safety](#)
- HEi169 – Highways England for Information Safety Alert - [HiPo Asset Damage](#)