

July 2019 Summary Health & Safety Performance Report

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7 August 2019

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safe
and **well**

Executive Summary

Accident Frequency Rate (AFR) Overview:

- The **Major Projects 12 month rolling AFR** to July 2019 **increased** from **0.03** to **0.05**.
- There were **3 RIDDOR** accidents reported in July 2019.
- **0 RIDDORs** fell out of the scope of the rolling AFR calculation.
- The in-month AFR was **0.17** and the net 12 month recorded hours increased by 2.03% (18.7m to 19.1m).
- The **Operations 12 month rolling AFR** to July 2019 **decreased** from **0.09** to **0.08**.
- There were **0 RIDDOR** accidents reported in July 2019.
- **2 RIDDORs** fell out of the scope of the rolling AFR calculation.
- The in-month AFR was **0.00** and the net 12 month recorded hours decreased by 0.45% (20.2 to 20.1m).
- The overall **Supply Chain 12 month rolling AFR** to July 2019 **remained** at **0.06**.
- There have been **25 RIDDORs** in the rolling 12-month period.
- **2 RIDDORs** fell out of the scope of the rolling AFR calculation.
- The in-month AFR was **0.09** and the net 12 month recorded hours increased by 0.75% (38.9m to 39.2m).

Lost time Incidents:

- There have been **6** Lost Time Incidents reported this month – 4 in Major Projects, 1 in Operations & 1 in TO/RCC (Section 3 & Appendix 6).

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 **18 fatal incidents and 3 suicides** on the Strategic Road Network (Section 4 and Appendix 5).

Service Strikes:

- There have been **13** service strikes reported this month (Section 5 & Appendix 10).

Vehicle Incursions:

- There have been **34** Vehicle Incursions reported this month (Section 6).

Bridge Strikes:

- There has been **0** Bridge Strikes reported this month (Section 7).

Incidents Reported:

- There have been **4 RIDDOR** incidents reported in July. (Section 8/9 and Appendix 3/4). Following an investigation, the RIDDOR reported last month within Operations has been re-classified as a non-RIDDOR and has been removed from the AFR data.

Site Inspections:

- There were **37** inspections carried out in June 2019 by the H&S Division, **31** in Major Projects and **6** in Operations (Section 12 and Appendix 7).

Accident Frequency Rate Overview

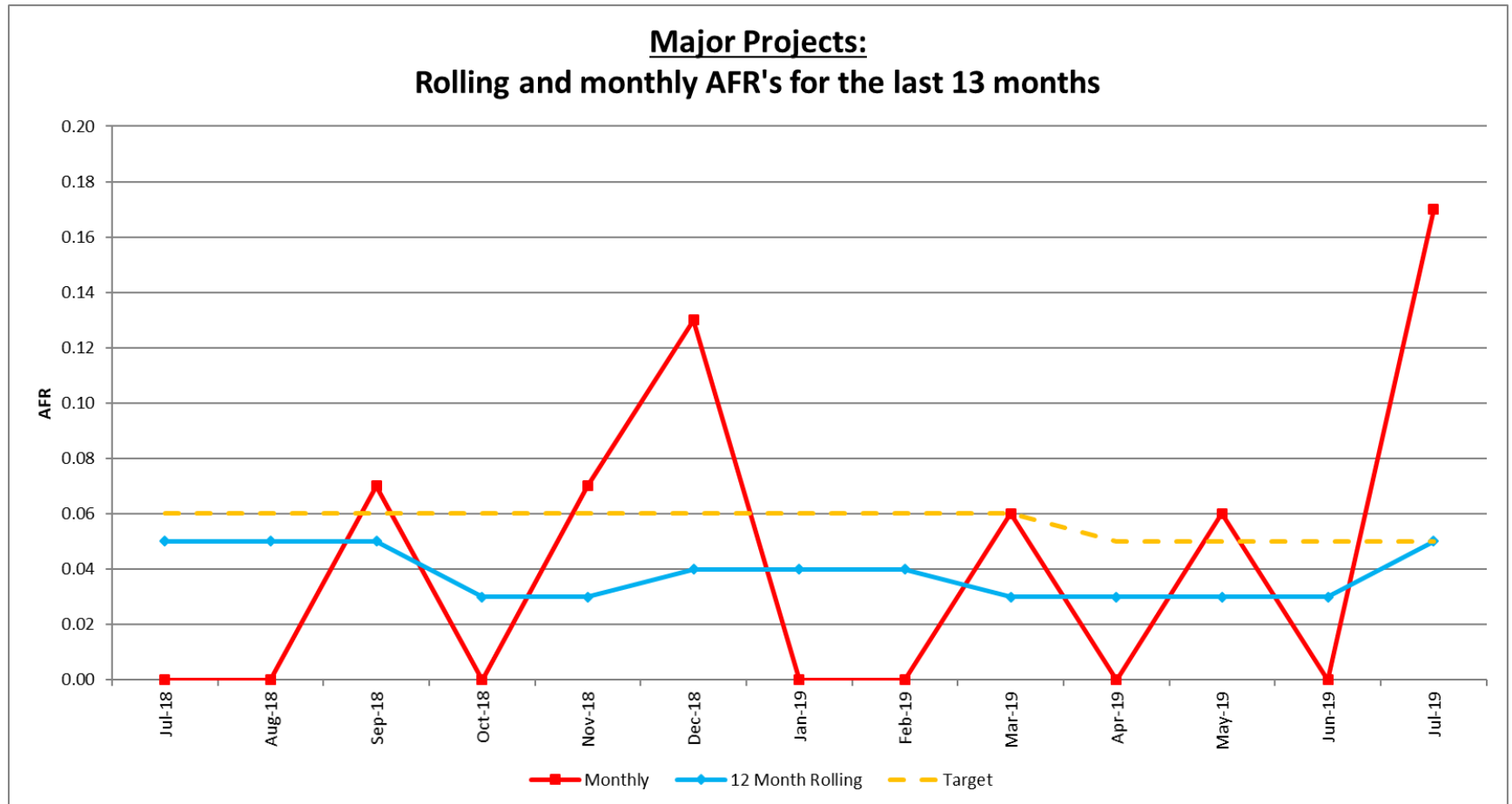
Area	AFR Target	AFR Actuals (rolling 12 months)	AFR for month	Fatality	RIDDOR Specified Injury	RIDDOR > 7-day injury	RIDDOR Disease	Total RIDDOR Reportable	RIDDOR Dangerous Occurrences ⁽¹⁾
Major Projects	0.05	0.05	0.17	0 (0)	3 (6)	0 (3)	0 (0)	3 (9)	0 (1)
Operations	0.05	0.08	0.00	0 (0)	0 (5)	0 (11)	0 (0)	0 (16)	0 (0)
Supply Chain Total	0.05	0.06	0.09	0 (0)	3 (11)	0 (14)	0 (0)	3 (25)	0 (1)

NB: The data recorded in **(brackets)** is the 12 month rolling data. The content of this report is informed by the IoD/HSE "Leading Health and Safety at Work" guidance.

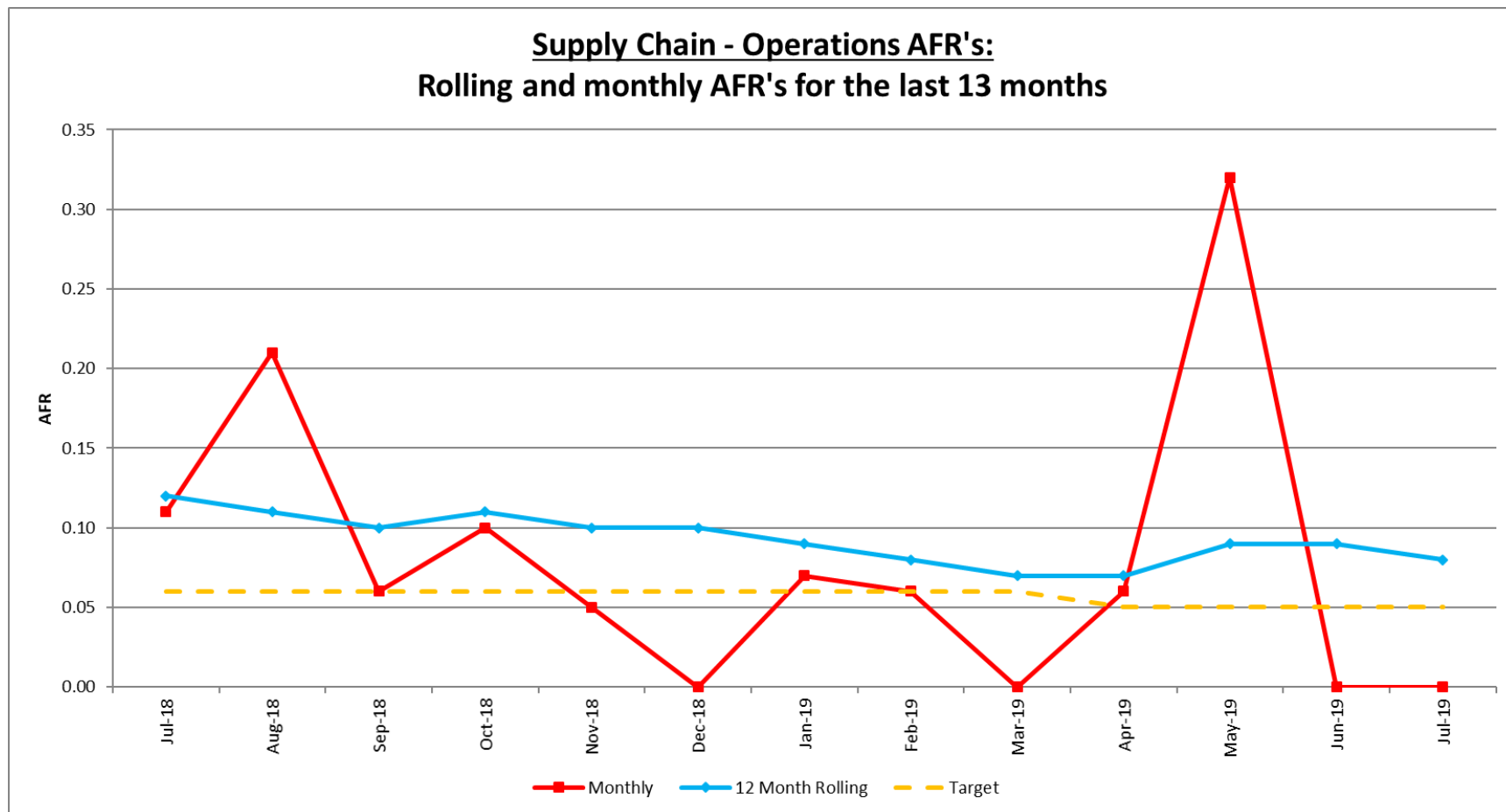
Supply Chain RAG status based on AFR target of 0.05 and aligning to the CPF model:

> 0.12	0.12 ≥ & > 0.05	≤ 0.05
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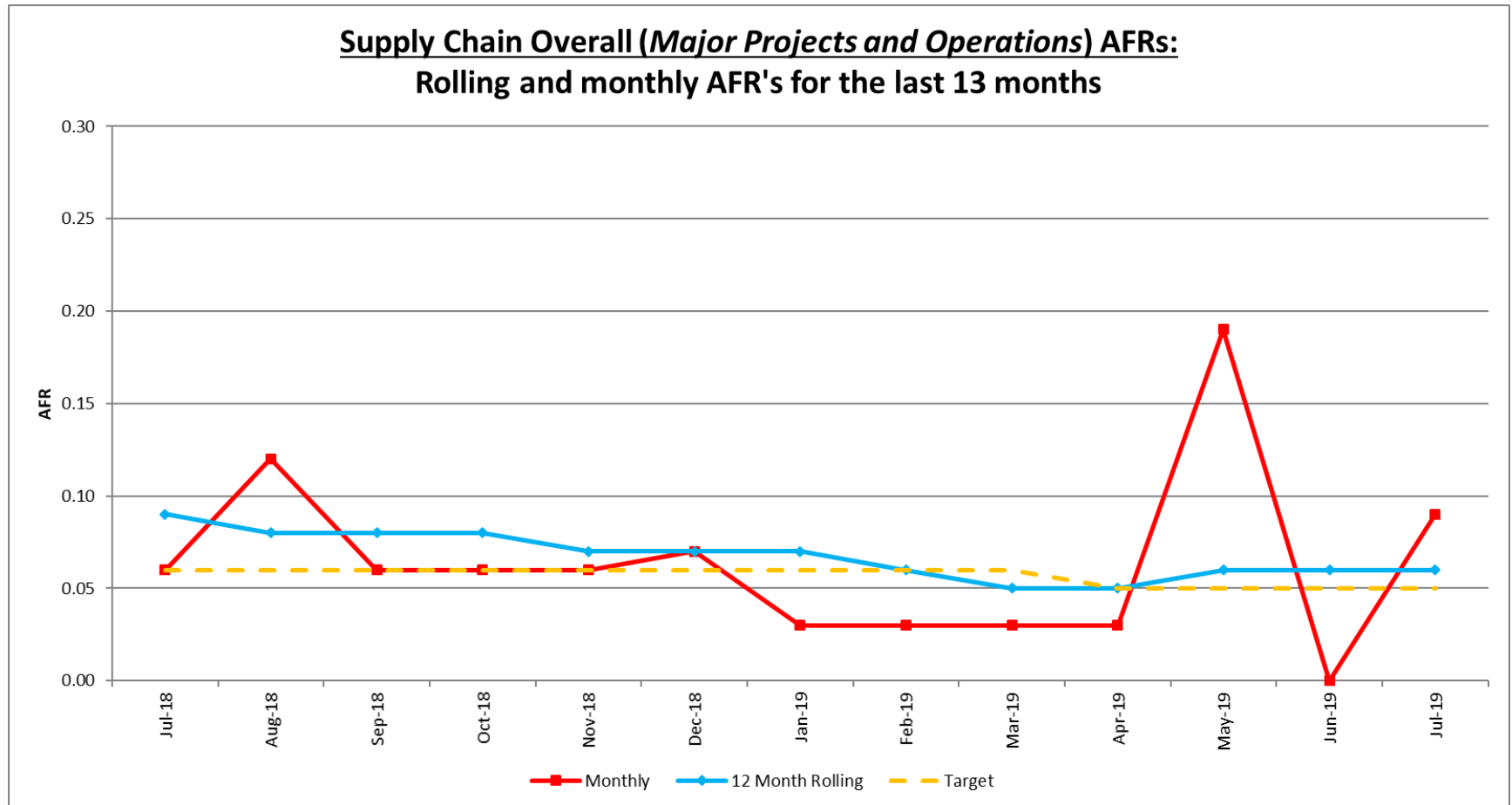
Graph 1 – Rolling AFR for Supply Chain - Major Projects



Graph 2 – Rolling AFR for Supply Chain - Operations



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



Performance by Supplier across the Supply Chain

Supplier	Hours worked	% hours worked	RIDDOR	Type of incidents				July AFR	Group AFR (2018/19 performance)
				Fatality	Specified Injury	> 7 Day	Disease		
Kier Highways	9,765,825	24.89%	4	0	3	1	0	0.04	0.03
Balfour Beatty	3,823,669	9.75%	2	0	2	0	0	0.05	0.07
Skanska	3,596,702	9.17%	2	0	2	0	0	0.06	0.09
A-one+	3,368,143	8.59%	0	0	0	0	0	0.00	0.00
BAM Nuttall Ltd	3,037,928	7.74%	1	0	0	1	0	0.03	0.07
Costain	2,035,616	5.19%	1	0	1	0	0	0.05	0.03
Connect Plus	1,910,590	4.87%	1	0	1	0	0	0.05	0.07
Jacobs	1,465,746	3.74%	0	0	0	0	0	0.00	0.00
Amey Highways	1,049,682	2.68%	1	0	0	1	0	0.10	0.09
Atkins	928,625	2.37%	0	0	0	0	0	0.00	0.00
Telent	603,262	1.54%	0	0	0	0	0	0.00	0.00
Vinci Construction	509,313	1.30%	0	0	0	0	0	0.00	0.07
H.W. Martin Ltd	453,930	1.16%	2	0	1	1	0	0.44	0.00
Galliford Try	446,125	1.14%	1	0	0	1	0	0.22	0.11
Interserve	436,623	1.11%	0	0	0	0	0	0.00	0.07
Ringway Ltd	429,891	1.10%	1	0	0	1	0	0.23	0.11
Sisk Lagan JV	398,235	1.02%	1	0	0	1	0	0.25	0.08
AECOM	394,471	1.01%	1	0	0	1	0	0.25	0.02
CHC Highways	263,103	0.67%	0	0	0	0	0	0.00	0.28
Osborne	255,723	0.65%	2	0	1	1	0	0.78	0.17
Egis	253,005	0.64%	1	0	0	1	0	0.40	0.40
Forest Support Services	121,768	0.31%	1	0	0	1	0	0.82	0.00
Graham Construction	110,847	0.28%	1	0	0	1	0	0.90	0.05
Morgan Sindall	68,980	0.18%	0	0	0	0	0	0.00	0.06
FMG Support	34,322	0.09%	1	0	0	1	0	2.91	4.50
CC Ground Investigations Ltd	1,887	0.00%	1	0	0	1	0	52.99	0.68
Rest of Group (61)	3,465,740	8.83%	0	0	0	0	0	0.00	
Grand Total	39,229,751	100.00%	25	0	11	14	0	0.06	-

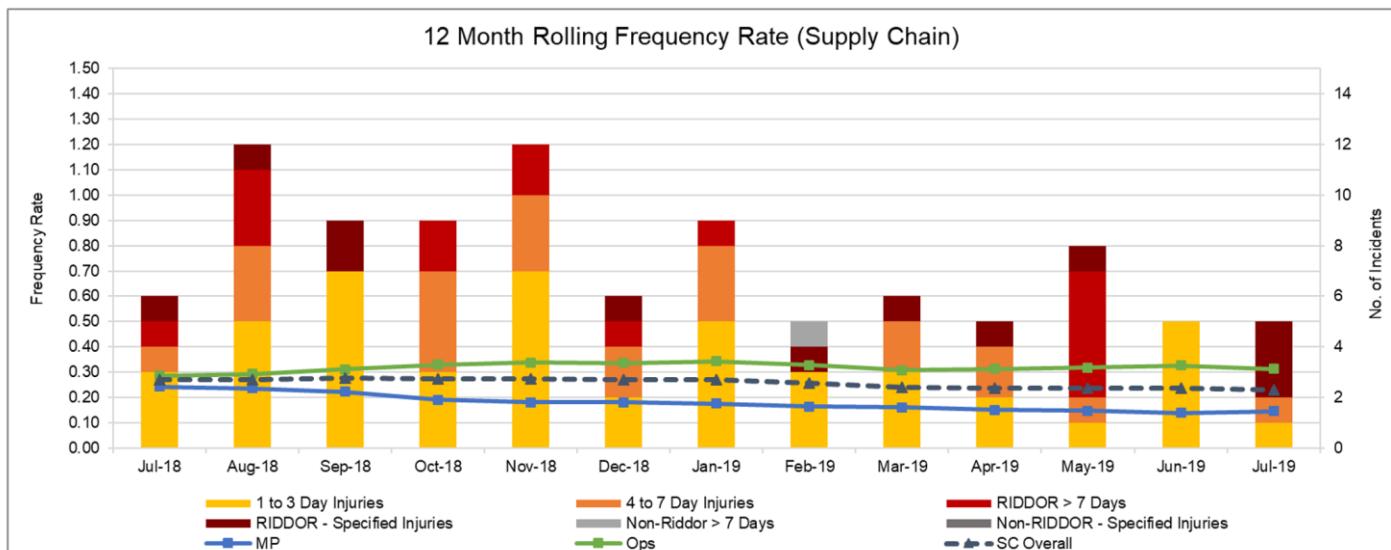
Key	> 0.12	0.12 ≥ & > 0.05	≤ 0.05
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Group AFR data relates to 2018/19 performance

The contractors represented in this table are recognised as the principal contractors undertaking work across various Highways schemes and in conjunction with other contractors. This data draws together data from across all schemes and includes Suppliers who have +1% hours worked or have had a reportable incident in the past 12 months. The blue line annotates 1 million hours worked.

Lost Time Incidents recorded by Supplier

Supplier	Hours worked	% hours worked	Total No. of LTIs	Type of Incidents						LTI Frequency Rate
				1-3 day Injury	4-7 day Injury	RIDDOR > 7 day Injury	RIDDOR Specified Injury	Non-RIDDOR > 7 day Injury	Non-RIDDOR Specified Injury	
Kier Highways	9,765,825	24.89%	25	9	11	1	3	1	0	0.26
BAM Nuttall Ltd	3,037,928	7.74%	10	6	3	1	0	0	0	0.33
Balfour Beatty	3,823,669	9.75%	9	6	1	0	2	0	0	0.24
Connect Plus	1,910,590	4.87%	6	3	2	0	1	0	0	0.31
Osborne	255,723	0.65%	4	1	1	1	1	0	0	1.56
Skanska	3,596,702	9.17%	4	2	0	0	2	0	0	0.11
Costain	405,967	1.03%	4	3	0	0	1	0	0	0.99
A-one+	3,368,143	8.59%	3	3	0	0	0	0	0	0.09
Amey Highways	1,049,682	2.68%	3	2	0	1	0	0	0	0.29
Sisk Lagan JV	398,235	1.02%	3	2	0	1	0	0	0	0.75
Egis	253,005	0.64%	3	2	0	1	0	0	0	1.19
Telent	603,262	1.54%	2	2	0	0	0	0	0	0.33
Rest of Group (12)	10,761,020	27.43%	15	3	3	8	1	0	0	0.14
Total	39,229,751	100.00%	91	44	21	14	11	1	0	0.23



Service Strikes recorded by Supplier

Supplier	Hours worked	% hours worked	Total No. of Strikes	Types of Event*				Jul FR	Jun FR
				Cable/ Pipelines	Electricity	Water	Gas		
Kier Highways	9,765,825	24.90%	16	6	8	2	0	0.16	0.15
Balfour Beatty	3,823,669	9.75%	8	5	3	0	0	0.21	0.26
Skanska	3,596,702	9.17%	10	9	0	1	0	0.28	0.22
A-one+	3,368,143	8.59%	6	4	1	0	1	0.18	0.18
BAM Nuttall Ltd	3,037,928	7.74%	7	3	4	0	0	0.23	0.19
Costain	2,035,616	5.19%	5	1	4	0	0	0.25	0.25
Jacobs	1,465,746	3.74%	2	0	2	0	0	0.14	0.00
Amey Highways	1,049,682	2.68%	4	2	2	0	0	0.38	0.50
Vinci Construction	509,313	1.30%	3	2	1	0	0	0.59	0.40
Galliford Try	443,894	1.13%	2	1	0	1	0	0.45	0.49
Sisk Lagan JV	398,235	1.02%	2	1	1	0	0	0.50	0.48
AECOM	394,471	1.01%	2	1	1	0	0	0.51	0.00
Osborne	255,723	0.65%	4	0	1	1	2	1.56	0.86
Carnell Support Services Ltd	157,123	0.40%	2	2	0	0	0	1.27	1.18
Forkers Ltd	49,765	0.13%	2	1	0	1	0	4.02	4.53
North Midland Construction	37,597	0.10%	2	1	1	0	0	5.32	6.02
M J Church	33,372	0.09%	2	1	1	0	0	5.99	6.27
Rest of Group (12)	8,801,624	22.44%	16	6	9	1	0	0.18	0.14
Total	39,224,428	100.00%	95	46	39	7	3	0.24	0.22

The Suppliers listed in this table have had 2 or more Service Strikes in the last 12 months

***Types of Event key:**

- Cable/Pipelines: Service strike other cables or pipelines
- Electricity: Service strike electricity
- Water: Service strike water
- Gas: Service strike gas

Summary of Significant Supply Chain Incidents reported

There have been 3 RIDDOR accidents in July.

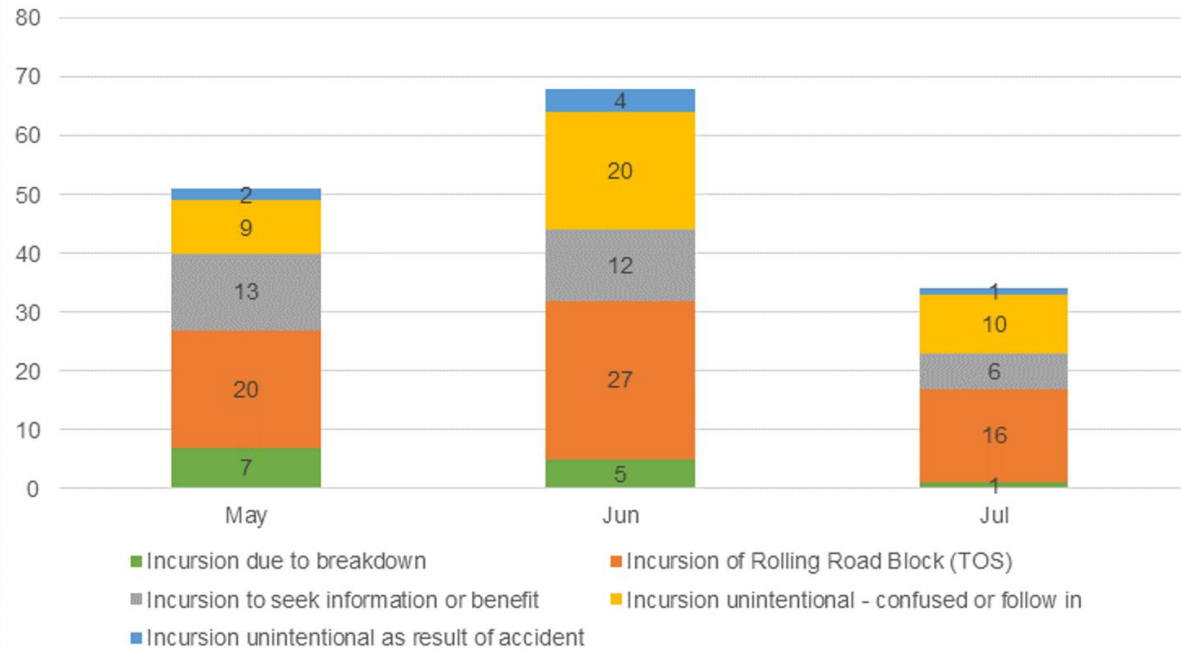
Date of incident	Location	Incident category	Overview of incident
13/07/2019	MP CIP - Costain/Skanska/BB JV - A14 Section 3	RIDDOR Specified Injury	An operative was laying paving slabs as part of the under-bridge projection works and they had removed a 600mm x 600mm x 50mm paver weighing approximately 41kg to re-bed it. The paver was resting on its edge on it edge next to the operative who was leaning on their right knee with their left leg partly extended behind them and using their foot for support. The paver slipped from the vertical position and fell on the operatives left calf which resulted in a fracture to their leg. Airswweb: 101975.
16/07/2019	MP SMP - Balfour Beatty Vinci (BBV) - M6 Jct 2-4	RIDDOR Specified injury	An operative was carrying out concrete works when they stepped off a 300mm kerb on to a stone and twisted their ankle. The operative continued working but indicated that they were feeling some discomfort with their ankle. They attended hospital the following day where they were diagnosed with a hairline fracture to a bone in their ankle and they are expected to be off from work for approximately 6 weeks. Airswweb: 102022.
24/07/2019	MP RIP (South) – Costain - A19 Testo Junction Improvement	RIDDOR Specified Injury	An operative had completed work for the day and returned to the main compound to deposit tools and equipment in the stores. They were walking across the compound toward their car when they turned their right ankle/foot on the stone surface. They walked unaided to their car and returned home. Due to the pain increasing the operative attended their local hospital for an x-ray where they were verbally diagnosed with a sprained ankle and suspected broken bone in their foot. Airswweb: 102332.

Vehicle incursions into roadworks

Areas of Incursions: May-July 2019



Kind of Incursions: May-July 2019



	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

Road User Performance and Road User Safety

- The Department of Transport (DfT) 'Road Safety Statement 2019 – A Lifetime of Road Safety' was released on 19 July. The statement sets out the approach to developing a longer-term road safety strategy and announced a range of new measures and proposals. The Roads Minister set out his vision for the future of road safety, which builds on a safe system and 'Vision Zero' approach. The statement covers the next two years and includes a wide range of measures and initiatives with a focus on key priority road user groups: Young people – up to 24yr olds, Rural Road Users; Motorcyclists; and Older/Vulnerable Road Users. The statement also announces a range of research areas (i.e. Graduated Driver Licences, Alcolocks and Older Driver Vision) to inform a longer-term safety strategy (10-years) which will be developed collaborative across government, external partners and road users.
- As part of our Red X Signal Enforcement Programme we now have Home Office Type Approval of the Redflex system. The first 32 cameras can now be tested, and evidence provided to police enforcement authorities that the cameras are ready for go-live. There has also been an amend made to rule 258 of the Highway Code relating to red X. The rule was updated in line with legislation changes relating to red X signals. In the meantime, drivers who ignore a Red X sign could receive a fixed penalty of up to £100 and three points on their licence, and in serious cases more severe penalties or a court appearance.
- We successfully held the inaugural national van road risk working group which initiated collaboration between large organisations who operate van fleets and Highways England. This working group aims to reduce the number of van incidents and breakdowns on the road network and improve the levels of legal compliance by operators and drivers when using a van. Attendees included: Asda, Cadent Gas, Electricity North West, Morson Group, Morgan Sindall, Van Excellence, Balfour Beatty, Reflex Vehicle Hire. Going forward the group have committed to share knowledge, experience and intelligence to inform initiatives with the aim to reduce the risk of vans being involved in collisions on the road network.
- We presented at the annual TyreSafe Industry briefing on the initial findings of the fatal research project currently being undertaken which identifies causation factors behind fatal collisions, as well as the work being undertaken to improve awareness of safe transportation of children through our partnership with BabyBox Co. This partnership was awarded the Highly Commended award for the specific tyre safety messages we have created as part of the mandatory road safety online content new parents undertake before being able to receive their BabyBox rewards. Stuart Lovatt – Strategic Safety Team Leader was individually recognised by TyreSafe with their Outstanding Achievement award for his passion to deliver tyre safety initiatives and research over the last ten years.



Road User Performance and Road User Safety – continued.

- We launched our Leisure Riders campaign in July. This is directed at the high-risk group of motorcyclists who ride out for leisure during the summer months – target demographic of male, aged 35-55 and predominantly in the south east where 27% of these KSIs occur. The campaign takes the form of a roadshow, touring biker events and venues, to stimulate conversations about safety. We have a mock-up parts shop that is not overtly branded as a safety campaign and is staffed by a recruited team of bikers. This provides peer-to-peer conversations which are positive about riding, but help bikers themselves to reassess their vulnerability on the road. Support materials covered the four key behaviours of speed, cornering, overtaking and fatigue.



National Health & Safety Team Update

Safety Alerts: There were 5 Safety Alerts issued in the month:

- HEi101 - Highways England Supply M4, M23 and M25 schemes only for Action Safety Alert – [Alleged non-compliance of Chapter 8](#)
- HEi102 - Highways England for Information Safety Alert - [Razor Blades attached to Road Equipment.](#)
- HEi103 - Highways England for Information Safety Alert - [Inspection and Maintenance of Traffic Signs](#)
- HEi104 - Highways England for Information Safety Alert - [Summer working Staying safe and healthy](#)
- HEi105 - Highways England for Information Safety Alert - [Notification of product recall from 3M USA](#)

Site Inspections undertaken in July 2019

This month there have been **37** 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	31	21	50	267	2
Operations	6	1	4	90	-
Totals	37	22	54	357	2

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 Stars	Section	Finding Details
Major Projects SMP - M20 Jct 3-5	Management of Traffic, Mobile Plant and Vehicles	<p>The project has been awarded a Blue star for their Mobile remote-controlled barrier to control work area access. The benefits of the mobile barrier system are;</p> <ul style="list-style-type: none"> - A powered solution which removes the traditional barrier with a man standing controlling the access. - Highly visible to oncoming traffic. - Mobile/lightweight and can be easily be moved from location to location. - Remote controlled - the ganger can stop the works and operate the barrier and then lower it, reducing time from the workface. - This solution protects the work force from any traffic or persons coming into their work area without their knowledge.
Major Projects SMP - M25 Jct10/A3	Management Arrangements	A computer program designed by the project manager has been used to list, record and manage borehole locations.