

October 2018

# Summary Health & Safety Performance Report

**Board Sponsor:** Alan Cumming

**Executive Sponsor:** Mike Wilson

**Author:** Mark Byard



## Executive Summary

### Accident Frequency Rate (AFR) Overview:

The **Major Projects 12 month rolling AFR** to October 2018 **decreased** from 0.05 to **0.03**.

There were **0** RIDDOR accidents reported in October 2018.

**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 increased by 3.20% (14.5m to 14.9m).

The **Operations 12 month rolling AFR** to October 2018 **remained at 0.11**.

There were **2** RIDDOR accidents reported in October 2018.

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

The in-month AFR was **0.11** and the net 12 month recorded hours increased by 2.61% (21.3m to 21.8m).

The overall **Supply Chain 12 month rolling AFR** to October 2018 **decreased** from 0.09 to **0.08**.

There have been **13 RIDDORs** year to date and **29 RIDDORs** in the rolling 12 month period.

**2 RIDDORs** fell out of the scope of the rolling AFR calculation.

The in-month AFR was **0.06** and the net 12 month recorded hours increased by 2.84% (35.8m to 36.9m).

### Incidents Reported:

There were 4 RIDDOR accidents reported in October 2018 (Section 3/4 and Appendix 3/4).

### Site Inspections:

There were **47** inspections carried out in October 2018 by the H&S Division, **18** in Major Projects and **29** in Operations (Section 10).

### 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 **26** fatalities on the Strategic Road Network (Section 7 and Appendix 5).

# Accident Frequency Rate Overview

**Table 1 Month and 12 month rolling incident data**

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 <sup>1</sup>
Major Projects	0.06	0.03	0.00	0 (0)	0 (2)	0 (3)	0 (0)	0 (5)	0 (0)
Operations	0.06	0.11	0.11	0 (0)	0 (11)	2 (12)	0 (1)	2 (24)	0 (1)
<b>Supply Chain Total</b>	0.06	0.08	0.06	0 (0)	0 (13)	2 (15)	0 (1)	2 (29)	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 0.06 and aligning to the CPF model:

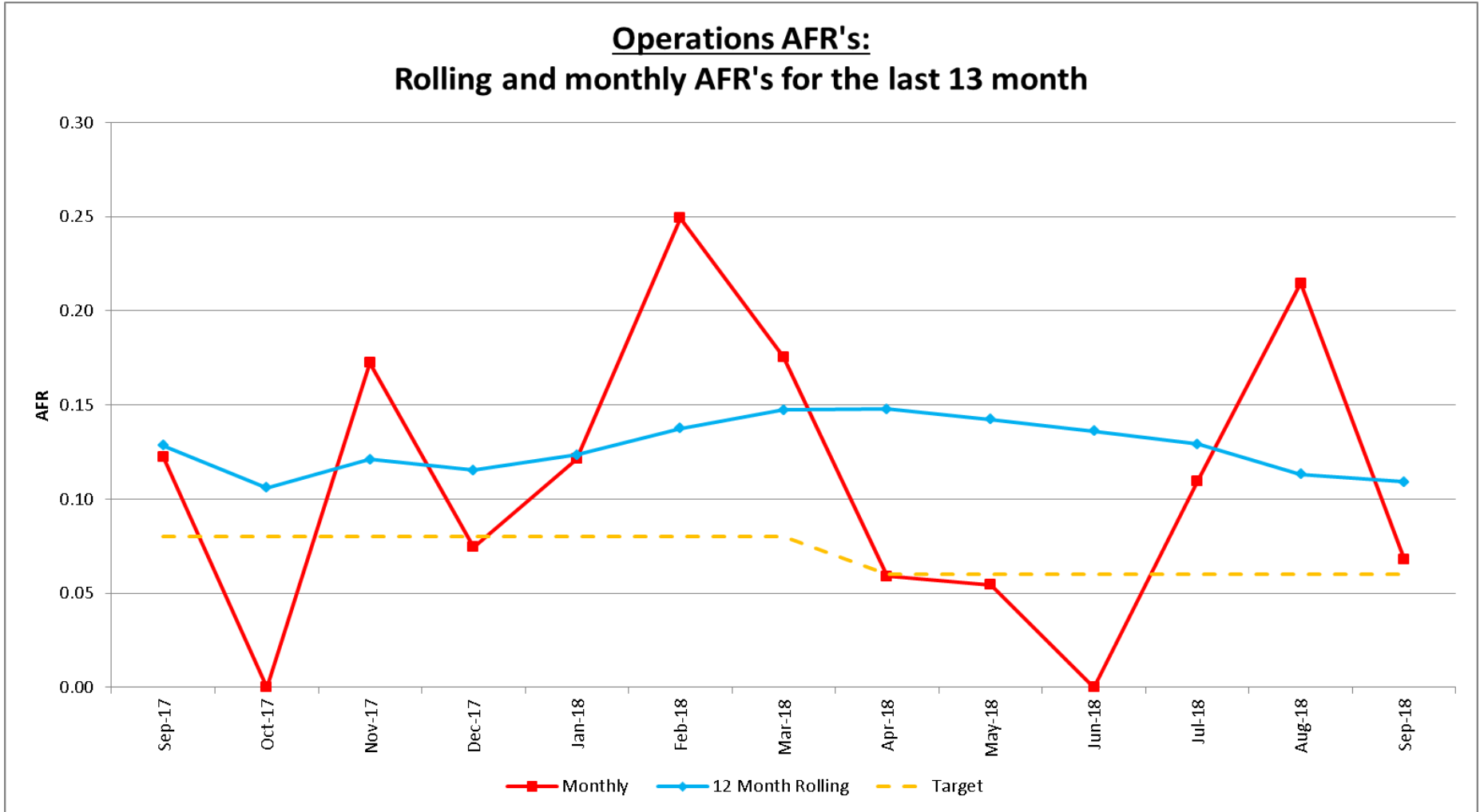
Highways England RAG status based on AFR target of 0.09 and aligning to the CPF model:

∇ 0.13	0.13 ∇ & > 0.06	∇ 0.06
∇ 0.11	0.11 ∇ & > 0.09	∇ 0.09

<sup>1</sup> RIDDOR Dangerous Occurrences are not injuries so are not included in the AFR calculation



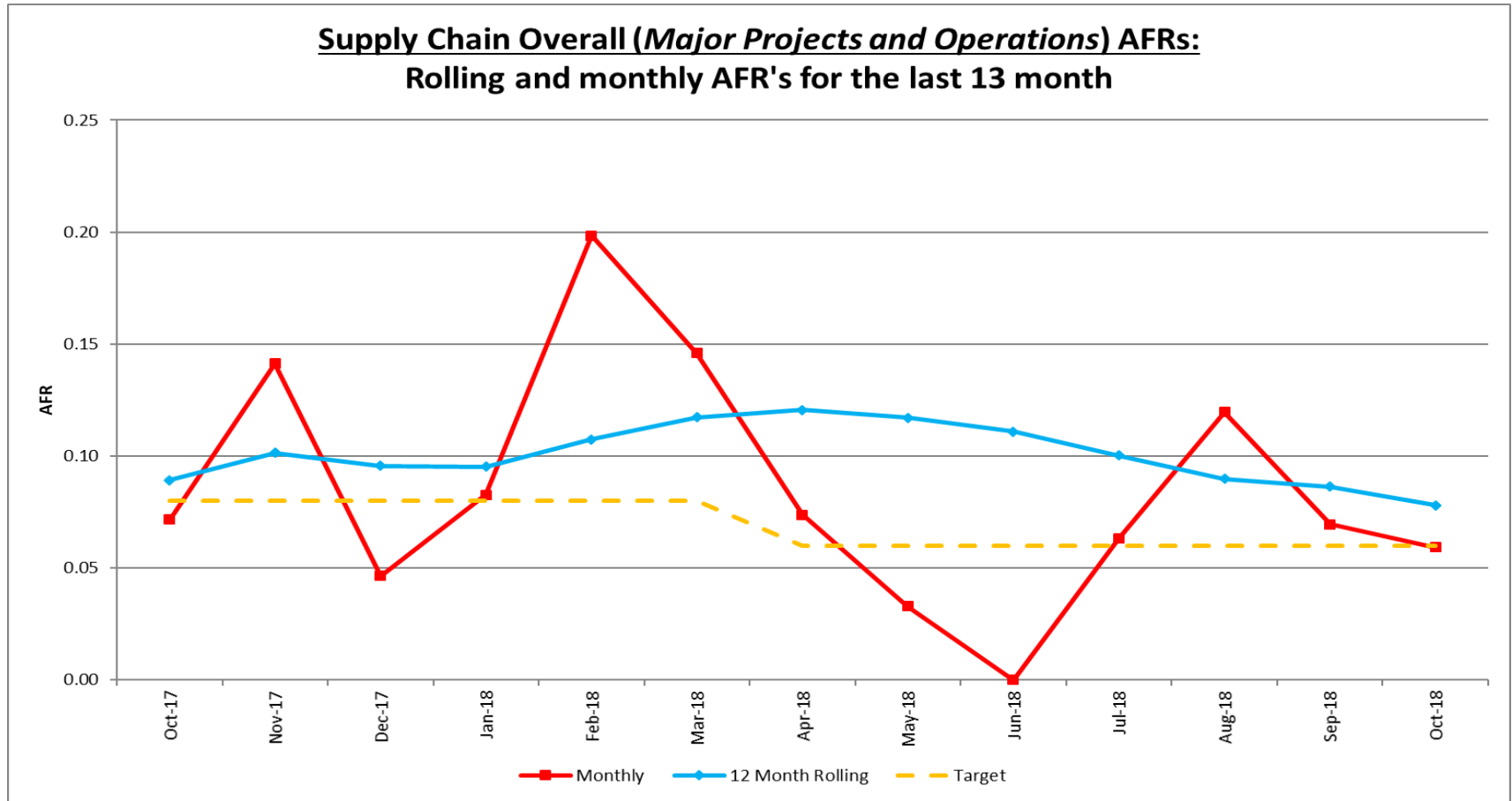
## Graph 2 – Rolling AFR for Supply Chain - Operations



Actual AFR at fiscal year-end 16/17 – 0.09

Actual AFR at fiscal year-end 17/18 – 0.07

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



AFR at fiscal year-end 16/17 – 0.11 Actual  
Actual AFR at fiscal year-end 17/18 – 0.12

## Performance by Supplier across the Supply Chain

Supplier	Hours worked	% hours worked	RIDDOR	Type of incidents				AFR	Group AFR
				Fatality	Specified injury	> 7 day	Disease		
Kier Highways	9,885,995	26.77%	6	0	2	3	1	0.06	0.06
Balfour Beatty	3,919,914	10.61%	4	0	3	1	0	0.10	0.10
Skanska	3,723,494	10.08%	0	0	0	0	0	0.00	0.00
A-one+	3,329,451	9.02%	2	0	2	0	0	0.06	0.13
Connect Plus	2,045,514	5.54%	3	0	2	1	0	0.15	0.10
BAM Nuttall Ltd	1,553,419	4.21%	0	0	0	0	0	0.00	0.10
Costain	1,527,255	4.14%	2	0	0	2	0	0.13	0.07
Amey (Highways)	1,353,466	3.66%	1	0	0	1	0	0.07	0.12
Jacobs	1,155,923	3.13%	0	0	0	0	0	0.00	0.00
Atkins	508,205	1.38%	0	0	0	0	0	0.00	0.00
Carillion	452,542	1.23%	0	0	0	0	0	0.00	0.07
Ringway Ltd	414,931	1.12%	1	0	0	1	0	0.24	0.00
Severn River Group	372,100	1.01%	0	0	0	0	0	0.00	0.00
Interserve	310,153	0.84%	2	0	2	0	0	0.64	0.13
Sisk (formerly Sisk Lagan JV)	260,459	0.71%	0	0	0	0	0	0.00	0.00
CHC Highways	213,371	0.58%	1	0	0	1	0	0.47	0.00
Volker Fitzpatrick	211,800	0.57%	1	0	1	0	0	0.47	0.00
Graham Construction	175,527	0.48%	1	0	0	1	0	0.57	0.00
Tarmac Aggregates Ltd	124,766	0.34%	2	0	1	1	0	1.60	0.00
Forest Support Services	53,507	0.14%	1	0	0	1	0	1.87	0.00
FMG Support	18,343	0.05%	1	0	0	1	0	5.45	0.00
CC Ground Investigation Ltd	3,037	0.01%	1	0	0	1	0	32.93	0.00
<i>Rest of Group (51)</i>	5,318,859	14.55%	0	0	0	0	0	0.00	0.00
<b>Total</b>	<b>36,932,031</b>	<b>100%</b>	<b>29</b>	<b>0</b>	<b>13</b>	<b>15</b>	<b>1</b>	<b>0.08</b>	

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. The blue line annotates 1 million hours worked. Further information on Suppliers Performance can be found in **Appendix 1**.

**Key** > 0.13 0.13 ≥ & > 0.06 ≤ 0.06

## Summary of Significant Supply Chain Incidents reported

### Summary of Significant Incidents Reported – Supply Chain (Major Projects & Operations)

There have been 2 RIDDOR accidents in the supply chain. Further details can be found in **Appendix 4**.

Date of incident	Location	Incident category	Overview of incident
08/10/18	Operations SWAD – Downus (CWF) - A38 Plymouth	RIDDOR > 7 day injury	An operative working for Highway Care, on behalf of Forest who was sub-contracted to Downus, was repositioning temporary barriers using a lorry loader. Whilst operating the crane the operative pressed an incorrect control box switch that lowered the load causing it to trap their left hand between it and the headboard frame. The operative sustained a crush injury which required an operation at hospital. <b>AIRSwEB: 61258</b>
10/10/18	Operations SWAD - Ringway (M&R) - M49 MP 7/6	RIDDOR > 7 day injury	An operative was cutting back overgrown vegetation to provide access to a gated entrance when the little finger on their left hand came into contact with the blade of the petrol driven hedge trimmer they were using. The operative was taken to hospital where the finger was operated on successfully which meant it did not need to be amputated. <b>AIRSwEB: 61424</b>



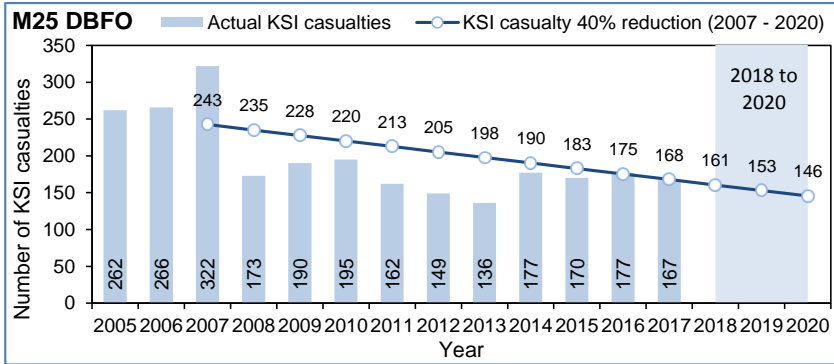
# Road User Performance and Road User Safety

## Road User Performance and Road User Safety

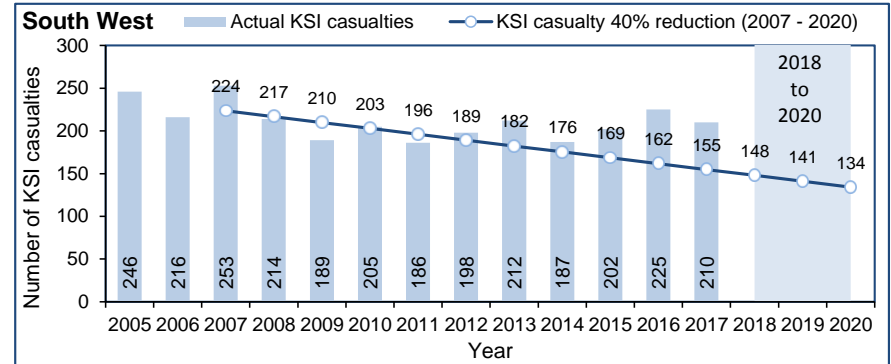
### Key Activities This Month:

- Following the release of the [Reported Road Casualties Great Britain Annual Report 2017](#) last month further analysis has been undertaken which provides an understanding of regional performance. The headline results are provided below with percentages indicating the change from the same period in 2016, of note is the improvement in South East performance.

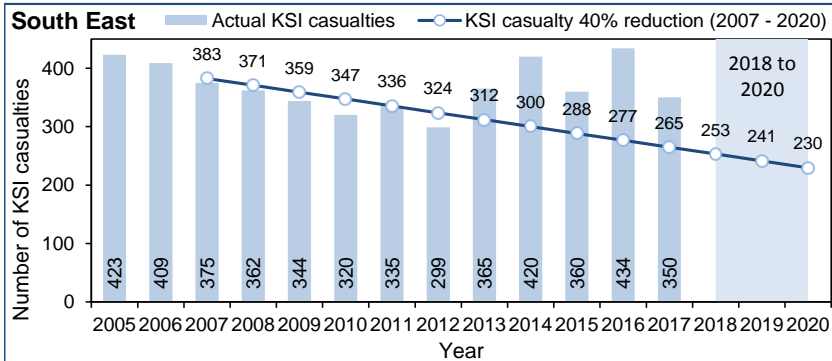
### 🟢 0.6% on 2017 monitoring point



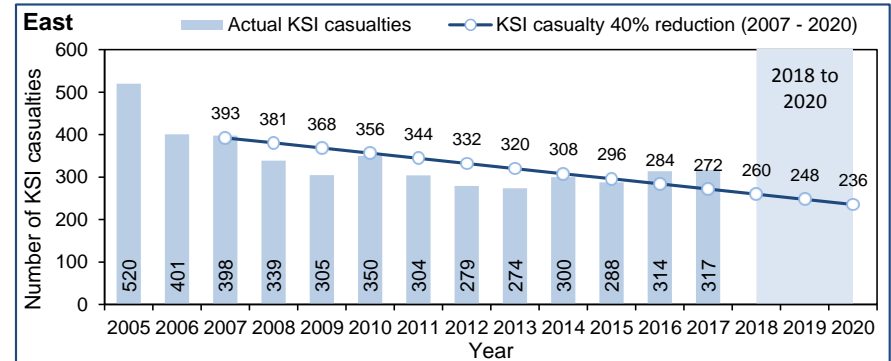
### 🔴 35.7% on 2017 monitoring point



### 🔴 32.1% on 2017 monitoring point



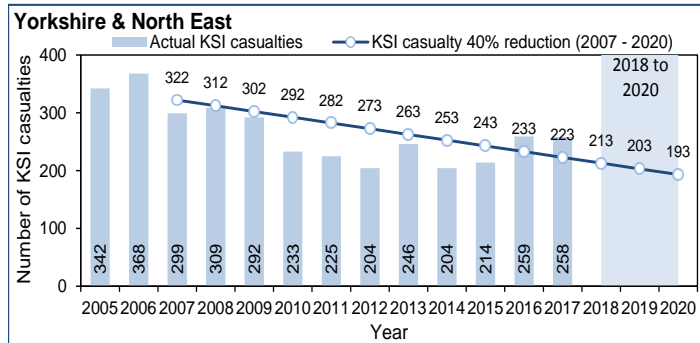
### 🔴 16.6% on 2017 monitoring point



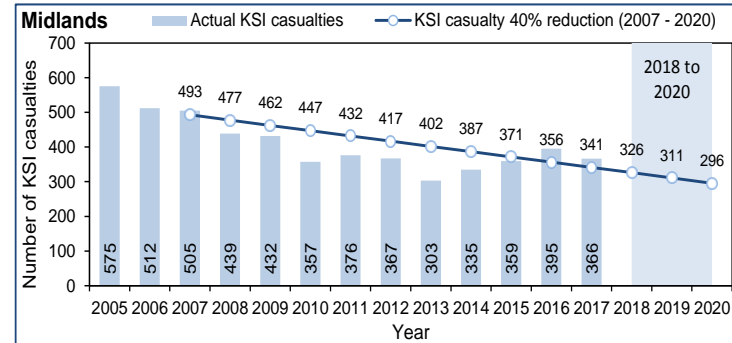
# Road User Performance and Road User Safety (Continued)

## Road User Performance and Road User Safety (continued)

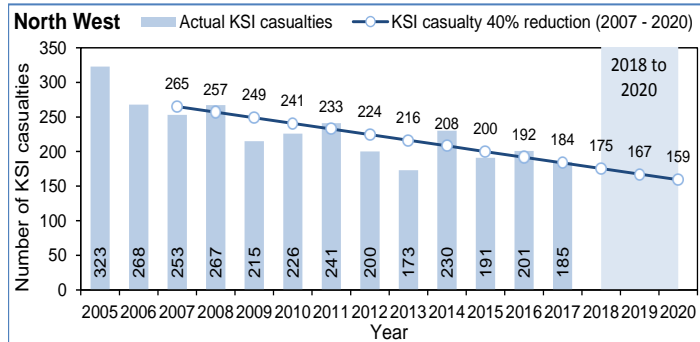
📉 15.7% on 2017 monitoring point



📉 7.3% on 2017 monitoring point



📉 0.8% on 2017 monitoring point



- We recently received the **International Road Federation (IRF Global) "Find A Way" Global Road Safety Award** which recognizes outstanding commitment to improve road safety by national, regional, or city governments. The IRF Award Programs are set up to gather information on the exemplary/ground-breaking areas of work and seeks to promote and publicize best practice providing a road map for others to follow. The award is presented every year on the anniversary of the launch of the Decade of Action for Road Safety 2011-2020 and is based on nominations received from leading international organisations. The award for Highways England recognized leadership in road safety and activities being undertaken which reduce road fatalities and/or serious injuries.

# National Health & Safety Team Update

## National Health & Safety Team Update

### a) Health and Safety Assurance reviews:

The audit schedule for October 2018 to March 2019 has been agreed by Mike Wilson, on behalf of the Executive Safety Committee. Furthermore, all scope areas have been, or are in the process of being discussed and agreed with the corresponding Executive Directors. Audit activity will begin in November with a focus on the management of statutory inspection across our estate.

### b) Health, Safety & Wellbeing strategy:

The next version of the new home safe and well strategy is being developed, before being presented to the Executive Safety Committee. Similarly, governance and supporting documents are under review within the team with an intention to start directorate planning via Exec members, during November. A fuller update on progress will be provided at November's Executive Safety Committee.

### c) Innovation in Health, Safety and Wellbeing is increasing in pace and scope, with early projects starting to implement change.

- Signalling for road works (which uses VSS to eliminate manual installation/removal of temporary signs) is moving to the transition to becoming business as usual in the East RCC, with the plan for potential national roll-out being finalised.
- Formal links with Birmingham City University to develop a programme of applied research around incidents involving people and plant vehicles are now in place, with the advertisement for the first PhD student due to be published shortly.
- Work on the Automated IPV is focusing on the challenges of safely operating an automated vehicle on the SRN, which is still scheduled to commence in January 2019.

### d) Highways England Supply Chain Health and Safety Incident Reporting IAN 128/15/C

The update to the reporting requirements was published on the 30th October under CHE 428/18. Following a number of asset failures which were not appropriately reported to asset specialists in order to consider any potential national impact, IAN 128 has been re-issued with clarifications to ensure that all asset failure incidents are reported correctly, providing consistent visibility to regional and national specialists for appropriate consideration and action. There have been occasions where the reporting of incidents and high potential near misses requiring notification to the Health and Safety division has not been within appropriate timescales and where there was uncertainty around lost time injury reporting requirements, these aspects have been clarified in this revision. Requirements incorporated into IAN 128/15/C:

- The notification of Health and Safety and asset incidents within 2 hours of the event occurring or being identified.
- The entering of the event on to AIRSweb within 24 hours of the event occurring or being identified.
- The provision of an initial report and upload to AIRSweb within 3 working days of the event being notified.
- The provision of a final report and upload to AIRSweb within 10 working days of the event being notified.
- The uploading of the hours worked in the month to AIRSweb by the close of working day 1.

### e) Safety Alerts: There were 2 Safety Alert issued in the month:


- HEi056 Highways England Safety Alert - [Trip and fall resulting in fractured knee](#)

HEi057 Highways England Safety Alert - [Positive Legionella Test](#)

## Site Inspections undertaken in October 2018

### Site Inspections undertaken in October 2018

This month there has been 47 inspections undertaken across Highways England, a summary of the findings are:


	Number of inspections	No. observations Status (Red)	No. observations Status (Amber)	No. observations Status (Green)	No. blue star observations Status 
<b>Major Projects</b>	18	20	15	70	0
<b>Operations</b>	29	1	25	195	0
<b>Totals</b>	<b>47</b>	<b>21</b>	<b>40</b>	<b>265</b>	<b>0</b>

#### 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

 **Blue Star** Exceptional performance or new initiative not widely used on other sites

# Supply Chain Performance Tables

## Appendix 1 – Supply Chain Performance Tables

### Table 3 – Major Projects Contractor Performance

Supplier	Rolling 12 months to October 2018								
	Hours Worked (12 months)	Total RIDDORs	Fatality	Specified injury	> 7 day	Disease	Minor Injuries	AFR	Sept. AFR
Skanska	3,723,494	0	0	0	0	0	4	0.00	0.00
Kier Highways	2,494,856	1	0	0	1	0	4	0.04	0.06
Balfour Beatty	2,346,165	2	0	2	0	0	3	0.09	0.09
Costain	1,527,255	2	0	0	2	0	4	0.13	0.06
Jacobs	1,155,923	0	0	0	0	0	0	0.00	0.00
Atkins	508,205	0	0	0	0	0	0	0.00	0.00
Mott MacDonald Ltd	506,878	0	0	0	0	0	1	0.00	0.00
Carillion*	452,542	0	0	0	0	0	2	0.00	0.09
Morgan Sindall	291,471	0	0	0	0	0	3	0.00	0.00
Sisk (formerly Sisk Lagan JV)	260,459	0	0	0	0	0	0	0.00	0.00
AECOM	225,846	0	0	0	0	0	0	0.00	0.00
Galliford Try	222,744	0	0	0	0	0	1	0.00	0.00
Vinci Construction	209,417	0	0	0	0	0	1	0.00	0.00
John Sisk	163,717	0	0	0	0	0	0	0.00	0.00
WSP	146,442	0	0	0	0	0	0	0.00	0.00
Arcadis	122,317	0	0	0	0	0	0	0.00	0.00
BAM Nuttall Ltd	39,952	0	0	0	0	0	0	0.00	0.00
Interserve	33,834	0	0	0	0	0	0	0.00	0.00
Redflex	33,294	0	0	0	0	0	0	0.00	0.00
Carnell Support Services Ltd	19,847	0	0	0	0	0	0	0.00	0.00
SWECO	6,672	0	0	0	0	0	0	0.00	0.00
Hochtief	5,086	0	0	0	0	0	0	0.00	7.53
Pre-construction/PC to be assigned	553,396	0	0	0	0	0	2	0.00	0.00
<b>Grand Total</b>	<b>15,049,812</b>	<b>5</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>25</b>	<b>0.03</b>	<b>0.05</b>

\* Carillion hours are reducing each month but will remain within the table until the 'Hours worked in the last 12 months' has reached zero.

Key > 0.13 0.13 ≥ & > 0.06 ≤ 0.06

## Supply Chain Performance Tables (continued)

### Appendix 1 – Supply Chain Performance Tables (continued)

Table 4 – Major Projects (Regional and Programme Performance)

Supplier	Rolling 12 months to October 2018								
	Hours Worked (12 months)	Total RIDDORs	Fatality	Specified injury	> 7 Day	Disease	Minor Injuries	AFR	Sept. AFR
RIP Overall	4,569,345	1	0	1	0	0	8	0.02	0.08
RIP East	352,045	0	0	0	0	0	0	0.00	0.00
RIP Midlands	330,948	0	0	0	0	0	0	0.00	0.00
RIP North West	1,422,793	1	0	1	0	0	0	0.07	0.09
RIP South East	793,173	0	0	0	0	0	2	0.00	0.18
RIP South West	261,583	0	0	0	0	0	2	0.00	0.00
RIP Yorkshire and North East	1,408,803	0	0	0	0	0	4	0.00	0.07
CIP	4,201,414	1	0	0	1	0	6	0.02	0.02
NIP	653,539	0	0	0	0	0	0	0.00	0.00
SMP	5,625,514	3	0	1	2	0	11	0.05	0.06
Grand Total	15,049,812	5	0	2	3	0	25	0.03	0.05

Key	> 0.13	0.13 ≥ & > 0.06	≤ 0.06
-----	--------	-----------------	--------

# Supply Chain Performance Tables (continued)

## Appendix 1 – Supply Chain Performance Tables (continued)

### Table 5 – Operations Contractor Performance

Area/Principal Contractor	Rolling 12 months to October 2018								
	Hours Worked (12 months)	Total RIDDORs	Fatality	Specified Injury	> 7 Days	Disease	Minor Injuries	AFR	Sept. AFR
<b>East</b>	<b>1,762,506</b>	<b>5</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>6</b>	<b>0.28</b>	<b>0.28</b>
Asset Support	978,885	2	0	1	0	1	6	0.20	0.15
CDF	719,590	3	0	2	1	0	0	0.42	0.73
DBFO	42,079	0	0	0	0	0	2	0.00	0.00
RTMC	21,952	0	0	0	0	0	1	0.00	0.00
<b>Midlands</b>	<b>6,337,112</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>16</b>	<b>0.03</b>	<b>0.04</b>
Asset Delivery	1,730,426	1	0	0	1	0	1	0.06	0.07
Asset Support	2,386,320	2	0	1	0	1	6	0.08	0.04
DBFO	46,254	0	0	0	0	0	2	0.00	0.00
Improvement Scheme	1,995,140	0	0	0	0	0	12	0.00	0.00
RTMC	178,972	0	0	0	0	0	1	0.00	0.00
<b>North East</b>	<b>3,177,707</b>	<b>5</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>8</b>	<b>0.16</b>	<b>0.16</b>
Asset Delivery	689,281	1	0	0	1	0	1	0.15	0.44
Asset Support	1,817,145	2	0	1	0	1	6	0.11	0.11
DBFO	541,593	0	0	0	0	0	2	0.00	0.00
Improvement Scheme	81,829	0	0	0	0	0	12	0.00	0.00
RTMC	47,859	0	0	0	0	0	1	0.00	0.00
<b>North West</b>	<b>1,825,901</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>4</b>	<b>0.22</b>	<b>0.21</b>
Asset Delivery	673,820	1	0	0	1	0	1	0.15	0.29
Asset Support	1,121,827	2	0	1	0	1	6	0.18	0.17
RTMC	30,254	0	0	0	0	0	1	0.00	0.00
<b>South East</b>	<b>6,926,558</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>11</b>	<b>0.06</b>	<b>0.06</b>
Asset Support	4,830,530	2	0	1	0	1	6	0.04	0.02
DBFO	2,045,514	0	0	0	0	0	2	0.00	0.16
RTMC	50,514	0	0	0	0	0	1	0.00	0.00
<b>South West</b>	<b>1,461,631</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>4</b>	<b>0.21</b>	<b>0.12</b>
Asset Delivery	1,014,159	1	0	0	1	0	1	0.10	0.22
DBFO	55,465	0	0	0	0	0	2	0.00	0.00
RTMC	19,907	0	0	0	0	0	1	0.00	0.00
Severn River Group	372,100	0	0	0	0	0	2	0.00	0.00
<b>National</b>	<b>390,804</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0.26</b>	<b>0.33</b>
Next Generation Vehicle Recovery	372,461	1	0	0	1	0	0	0.27	5.00
National Roads Telecoms Services	18,343	0	0	0	0	0	0	0.00	0.00
<b>Grand Total</b>	<b>21,882,219</b>	<b>24</b>	<b>0</b>	<b>11</b>	<b>12</b>	<b>1</b>	<b>49</b>	<b>0.11</b>	<b>0.11</b>

<b>Key</b>	<b>&gt; 0.13</b>	<b>0.13 ≥ &amp; &gt; 0.06</b>	<b>≤ 0.06</b>
------------	------------------	-------------------------------	---------------