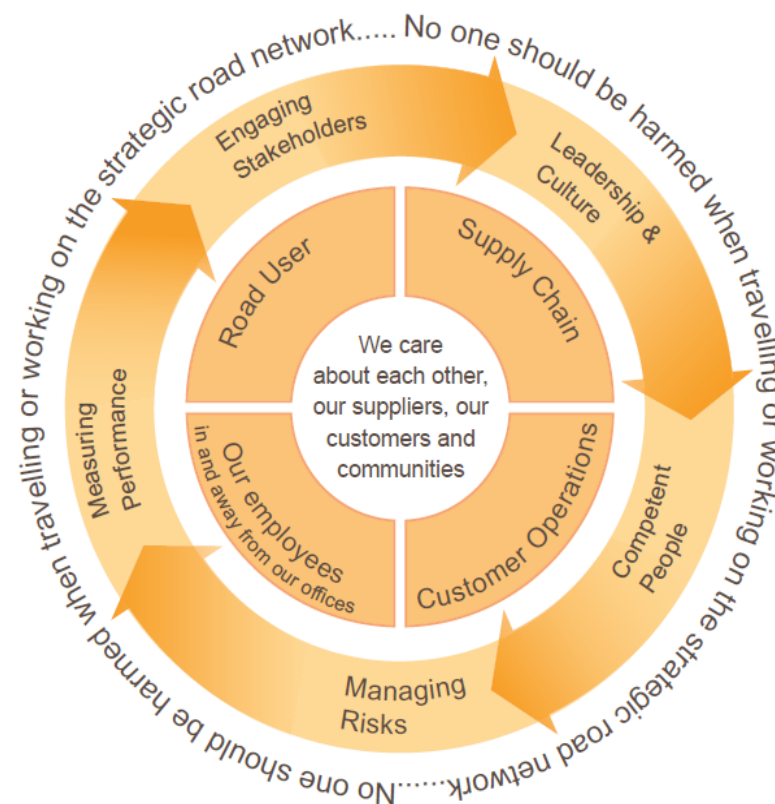


# February 2019

## Summary Health & Safety Performance Report

**Board Sponsor:** Alan Cumming  
**Executive Sponsor:** Mike Wilson  
**Author:** Mark Byard



# Executive Summary

## 1. Executive Summary

### Accident Frequency Rate (AFR) Overview:

- The **Major Projects 12 month rolling AFR** to February 2019 **remained at 0.04**.
- There were **0 RIDDOR** accidents reported in February 2019.
- **1 RIDDOR** 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 3.02% (16.4 to 16.9m).
  
- The **Operations 12 month rolling AFR** to February 2019 **remained at 0.09**.
- There were **3 RIDDOR** accidents reported in February 2019.
- **4 RIDDORs** fell out of the scope of the rolling AFR calculation.
- The in-month AFR was **0.21** and the net 12 month recorded hours decreased by 1.81% (21.57m to 21.18m).
  
- The overall **Supply Chain 12 month rolling AFR** to February 2019 **remained at 0.07**.
- There have been **21 RIDDORs** year to date and **25 RIDDORs** in the rolling 12 month period.
- **5 RIDDORs** fell out of the scope of the rolling AFR calculation.
- The in-month AFR was **0.10** and the net 12 month recorded hours increased by 0.29% (38.05m to 38.16m).

### Incidents Reported:

- There were **3 RIDDOR** incidents in February and **1** in January, which did not become RIDDOR reportable until February.

### Site Inspections:

- There were **40** inspections carried out in February 2019 by the H&S Division, **18** in Major Projects and **22** in Operations

### Health and Safety 5 Year Plan:

- In total there are twenty-six, year five and ongoing actions, 12 are on track, 13 are completed and 1 cause for concern

### Fatality Data:

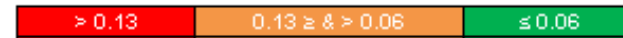
- The National Incident Liaison Officer (NILO), media and police reports provide information on the number of fatalities on the strategic road network. These data sources indicated that there had been **5 fatal incidents and 3 suicides** on the Strategic Road Network

## 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 <sup>1</sup>
Major Projects	0.06	0.04	0.00	0 (0)	0 (2)	0 (4)	0 (0)	0 (6)	0 (0)
Operations	0.06	0.09	0.21	0 (0)	1 (7)	2 (12)	0 (0)	3 (19)	0 (1)
Supply Chain Total	0.06	0.07	0.10	0 (0)	1 (9)	2 (16)	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.

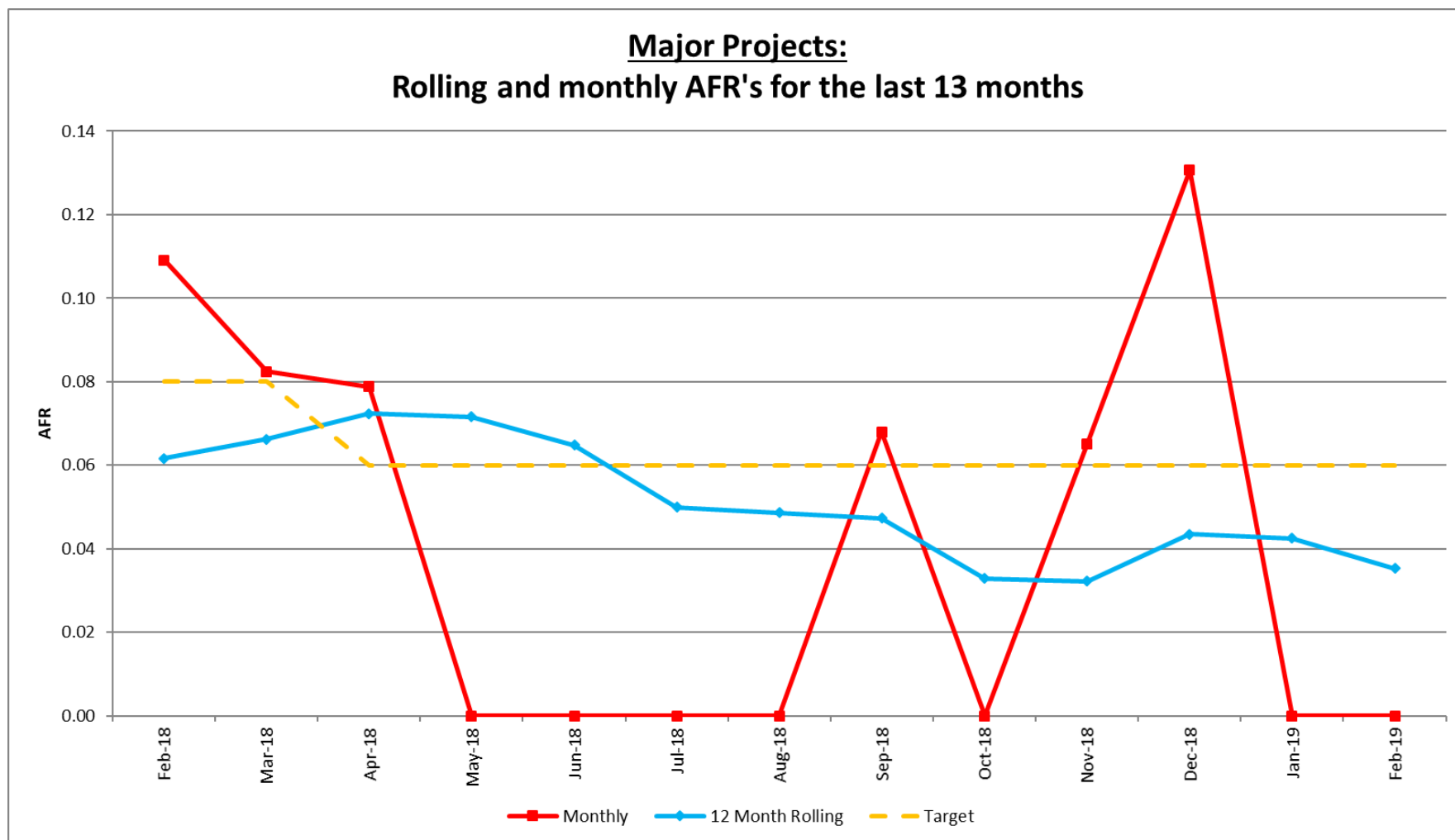
Supply Chain RAG status based on AFR target of 0.06 and aligning to the CPF model:



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

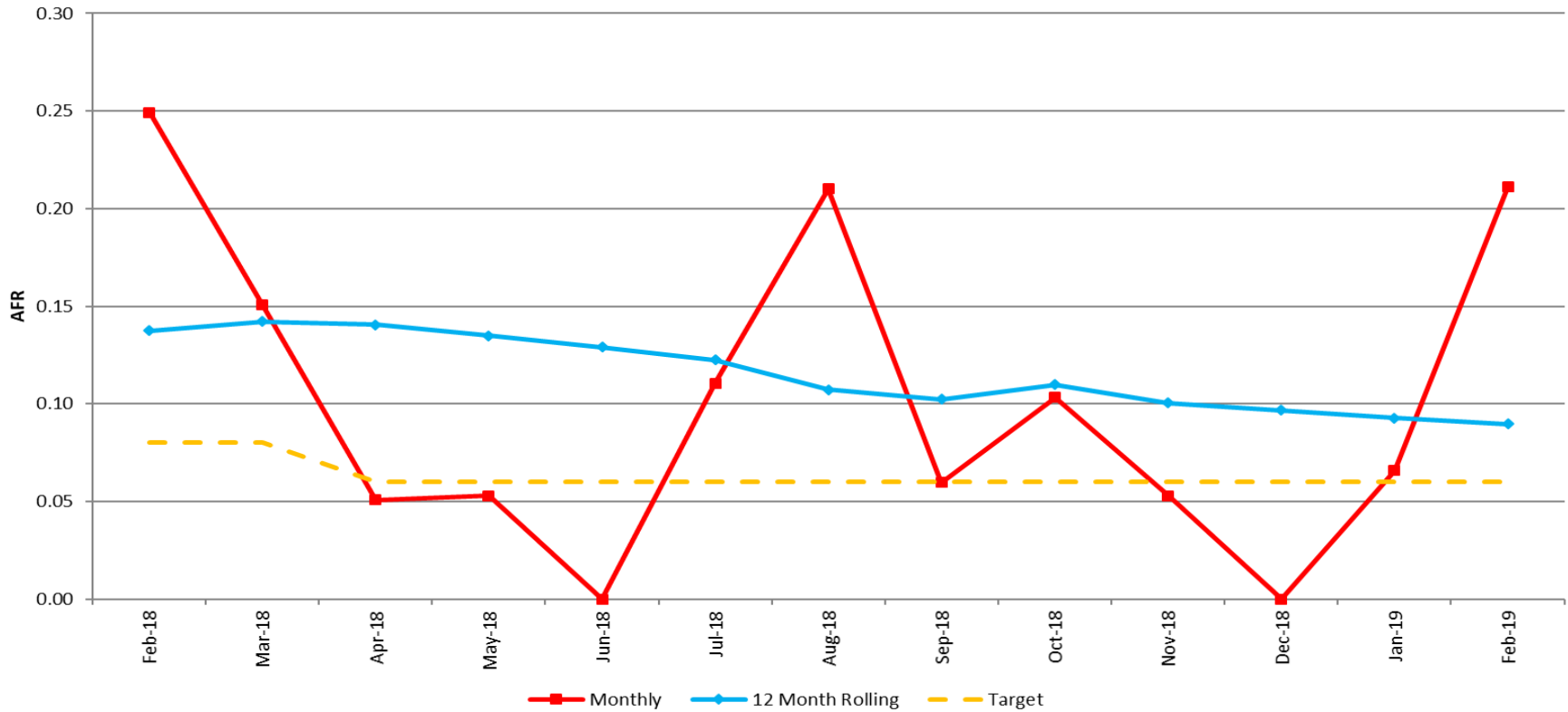
<sup>2</sup> This is the national AFR figure calculated using the hours worked in the TOS and RCCs.

## Graph 1 – Rolling AFR for Supply Chain - Major Projects



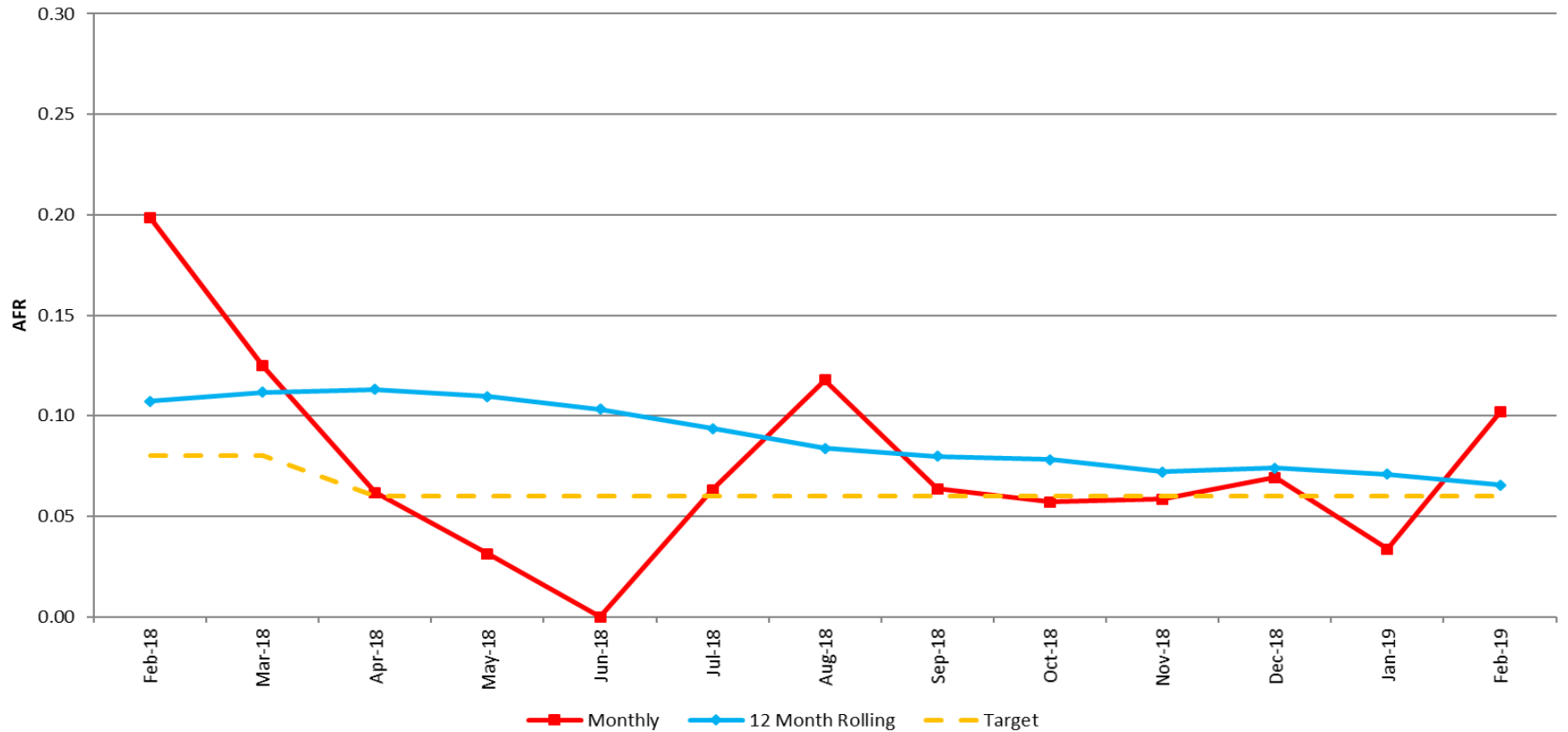
## Graph 2 – Rolling AFR for Supply Chain - Operations

**Supply Chain - Operations AFR's:**  
**Rolling and monthly AFR's for the last 13 months**



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

**Supply Chain Overall (Major Projects and Operations) AFRs:**  
**Rolling and monthly AFR's for the last 13 months**



## 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	9,650,542	25.29%	5	0	3	2	0	0.05	0.06
Balfour Beatty	3,989,147	10.45%	2	0	2	0	0	0.05	0.10
Skanska	3,659,726	9.59%	0	0	0	0	0	0.00	0.00
A-one+	3,303,330	8.66%	0	0	0	0	0	0.00	0.13
Morgan Sindall	2,332,392	6.11%	1	0	0	1	0	0.04	-
Connect Plus	2,075,911	5.44%	3	0	2	1	0	0.14	0.10
Costain	1,686,349	4.42%	1	0	0	1	0	0.06	0.07
Jacobs	1,371,697	3.59%	0	0	0	0	0	0.00	0.00
Amey (Highways)	1,176,217	3.08%	1	0	0	1	0	0.09	0.12
Atkins	958,502	2.51%	0	0	0	0	0	0.00	0.00
GeneSYS Telecommunications Ltd	461,164	1.21%	0	0	0	0	0	0.00	-
Sisk Lagan JV	434,157	1.14%	0	0	0	0	0	0.00	-
Ringway Ltd	429,303	1.12%	1	0	0	1	0	0.23	0.00
BAM Nuttall Ltd	417,229	1.09%	0	0	0	0	0	0.00	0.10
Galliford Try	372,005	0.97%	1	0	0	1	0	0.27	-
AECOM	359,397	0.94%	1	0	0	1	0	0.28	-
H.W. Martin Ltd	353,743	0.93%	1	0	0	1	0	0.28	0.00
CHC Highways	310,147	0.81%	1	0	0	1	0	0.32	-
Osborne	160,183	0.42%	1	0	1	0	0	0.62	-
Tarmac Aggregates Ltd	146,608	0.38%	1	0	1	0	0	0.68	0.00
Graham Construction	131,769	0.35%	1	0	0	1	0	0.76	0.00
Forest Support Services	99,061	0.26%	1	0	0	1	0	1.01	1.00
R W Civil Engineering	38,397	0.10%	1	0	0	1	0	2.60	-
FMG Support	10,914	0.03%	1	0	0	1	0	9.16	3.00
CC Ground Investigations Ltd	1,887	0.00%	1	0	0	1	0	52.99	4.00
Rest of Group (57)	4,625,028	12.12%	0	0	0	0	0	0.00	
<b>Grand Total</b>	<b>38,160,778</b>	<b>100.00%</b>	<b>25</b>	<b>0</b>	<b>9</b>	<b>16</b>	<b>0</b>	<b>0.07</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 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. 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

There have been **3** RIDDOR accidents in February and **1** in January which didn't become RIDDOR reportable until February.

Date of incident	Location	Incident category	Overview of incident
29/01/2019	M5 Oldbury Scheme	RIDDOR – over 7 days	A member of the cleaning staff sustained an injury to their wrist after tripping and falling over the joint strip between temporary accommodation units. The joint strip appears to have become raised through usage and developed into a trip hazard. The cleaner was taken to hospital for an x-ray, but the results were inconclusive. The cleaner returned for a follow up appointment 2 weeks later, but the extent of the injuries has not been confirmed due to difficulties contacting the cleaner and they remain off work to date. <a href="#"><u>Airsweb: 91792</u></a> .
02/02/2019	Area 13 (NWAD)	RIDDOR – Specified Injury	During a barrier repair an operative was removing the brackets which go over the barrier and attach to the post as damaged posts needed to be changed. On removing the brackets, the undamaged barrier beam dropped off the top of the posts and hit the lower leg and ankle of the operative. They were taken to hospital where it was confirmed that they had broken a bone in their foot. <a href="#"><u>Airsweb: 91907</u></a>
07/02/2019	Area 6	RIDDOR – over 7 days	Working within the safety gantry an operative was washing the back of a gritter. They decided to climb up onto another level and then slipped falling back into the safety gantry onto their knee causing bruising and grazing. <a href="#"><u>Airsweb: 92194</u></a>
08/02/2019	Asset Delivery - SW	RIDDOR – over 7 days	An operative had been working within an 800mm deep by 500mm wide trench which had been excavated for ducting installation. They IP had finished their work activity and began to climb out of the trench. Due to the ground conditions as they placed their foot on the edge of the trench it gave way which resulted in them losing their footing and falling back into the trench. To prevent their fall the operative placed their hands out which came in to contact with the ground suffering hand and ankle injuries. <a href="#"><u>Airsweb: 92121</u></a>



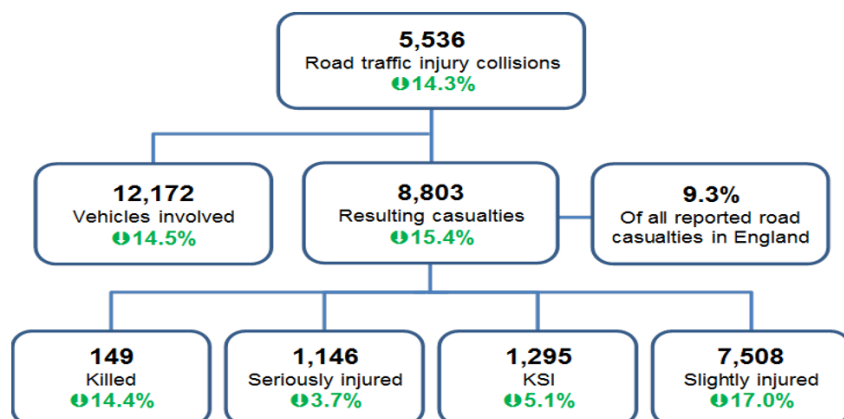
# Road User Performance and Road User Safety

## Key Activities This Month:

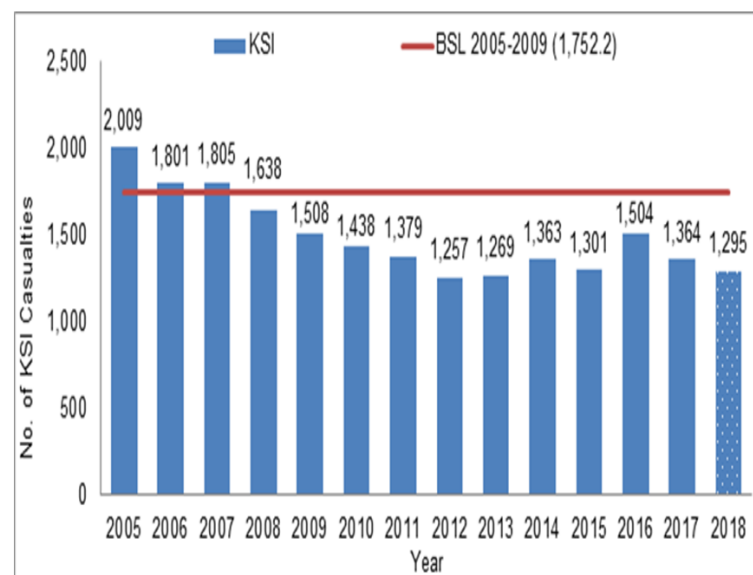
- We have completed our analysis and assessment of **road safety performance data for 2017**, producing an [Road Safety Performance Overview Report](#), a more detailed [Reported Road Casualties on the SRN 2017 Report](#) and seven detailed regional safety reports (i.e. [South East Regional Safety Report](#)). These reports have been communicated and shared within the business, we are aiming for external publication of the overview and detailed network report in March 2019.
- We launched the next phase of the **Space Invader Campaign** on Monday 11 February, the campaign has been well received and supported by partners. The media release included the former '[Stig](#)' from Top Gear, Ben Collins backing the campaign and calling on motorists to leave plenty of space between themselves and the vehicle in front. The campaign will run for four weeks and includes video on demand (i.e. ITV Hub, Channel 4) social advertising (Instagram, Facebook and Twitter), radio and out of office billboards.
- We continue to work with the Department for Transport (DfT) and PACTS to develop lead indicators, initially focusing on mobile phone and seat belt use on the network. DfT has recently published the surveys conducted last year on **seat belt wearing and mobile phone use** on roads in England & Wales (see [DfT Seatbelt & Mobile Use Surveys 2017](#)). In 2017 1.1% of drivers were observed using a hand-held mobile phone whilst driving on weekdays in Great Britain, of which 0.4% were observed holding the phone to their ear and 0.8% holding the phone in their hand. In Great Britain, 96.5% of drivers were observed using a seatbelt on weekdays in 2017. There were 41 KSI's as a result of the driver using a mobile phone and 71 KSI's as a result on vehicle occupants not wearing seatbelts/appropriate restraints in 2017. We are currently working with DfT, PACTS and wider partners on revising communications and campaigns on seat belt use.
- We continue to work closely with DfT to develop and support the forthcoming '**Road Safety Statement 2019 A Lifetime of Road Safety**'. This is expected to be published in March and will set out the Roads Ministers vision for the future of road safety, which will move towards zero deaths, specifically by reversing the number of injuries among four key groups: Young people – up to 24-years old; Rural Road Users; Motorcyclists; and Older/Vulnerable Road Users. We have worked collaboratively with DfT and influenced the scope of the announcement and the development of the 2-year Action Plan. This includes relevant actions where appropriate for Highways England, for example, leading on the approach to suicide prevention and delivering our Driving for Better Business Programme.
- DfT has announced on 26 February 2019 that it will consult on legislation to make it illegal for these vehicles to run with a **tyre aged 10 years or over on buses, coaches, heavy goods vehicles and mini-buses**. This follows a research project, launched by the government last year, to look at whether the age of a tyre has a direct impact on its safety. As part of this research programme we have shared intelligence gathered from our activities, including the Bridgestone Tyre Debris Research. We are supportive of the proposed changes to legislation and will work with DfT as required. This announcement is particularly relevant given the recent Coroner's Inquest into the multiple fatalities on the M5 where a Mercedes Box Van travelling southbound sustained a tyre blow out resulting in a vehicle crossover. The Coroner concluded that the tyre failure was due to the age of the tyre (18 ¼ years) and that the aging process had caused the tyre to structurally degrade and separate internally, eventually resulting in the tyre disintegrating.

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

- We have received a summary of the **2018 Unvalidated Stats19 Quarter 1 and Quarter 3** (Q1–3) personal injury collision and casualty data for the Strategic Road Network. We have undertaken a high-level assessment of this provisional dataset which indicates that the number of KSI casualties were 1,295 compared to 1,364 in 2017; a 5.1% per cent decrease. Of note is the reduction in recorded fatalities at 149, a decrease of 14.4% compared to 2017. DfT have indicated that their timetable for reporting 2018 validated figures at the end of June is at risk, they will confirm in early April any programme revisions.



	Motorway	A-road	A-road Dual	A-road Single
KSI casualties	558 □3.1%	699 □11.3%	452 □6.6%	247 □18.8%
Total casualties	4,319 □14.6%	4,247 □20.6%	3,031 □19.3%	1,216 □23.6%



## National Health & Safety Team Update

**Safety Alerts:** There were **4** Safety Alerts issued in the month:

- **HEi069 Highways England Safety Alert** - [Jerol Lighting Column Sheath fault](#)
- **HEi070 Highways England Safety Alert** - [Change in HSE enforcement expectations for mil steel welding fumes](#)
- **HEi071 Highways England Safety Alert** - [M1 J39-42 Smart Motorway - Pile Connection Defect](#)
- **HEi072 Highways England Safety Alert** - [Conguip - Boat Skip Recall](#)

## Site Inspections undertaken in February 2019

This month there has been **40** 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	18	18	92	0
<b>Operations</b>	22	0	20	227	1
<b>Totals</b>	<b>40</b>	<b>18</b>	<b>38</b>	<b>319</b>	<b>1</b>

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

<b>Red</b>	<b>Non-conformance with legislation or Raising the Bar (RtB) requirements</b>
<b>Amber</b>	<b>RtB requirements not adopted everywhere on site or in full, and negative observation</b>
<b>Green</b>	<b>Positive observation relating to management of top risks</b>
<b>★</b>	<b>Exceptional performance or new initiative not widely used on other sites</b>

## Supply Chain Performance Tables

Supplier	Rolling 12 months to February 2019								
	Hours Worked (12 Months)	Total RIDDORs	Fatality	Specified Injury	> 7 days	Disease	Minor Injuries	AFR	Jan. AFR
Skanska	3,659,726	0	0	0	0	0	5	0.00	0.00
Kier Highways	3,087,397	2	0	1	1	0	9	0.06	0.07
Balfour Beatty	2,450,099	1	0	1	0	0	13	0.04	0.08
Costain	1,686,349	1	0	0	1	0	4	0.06	0.06
Jacobs	1,339,917	0	0	0	0	0	0	0.00	0.00
Atkins	958,502	0	0	0	0	0	1	0.00	0.00
Morgan Sindall	693,092	0	0	0	0	0	5	0.00	0.00
Mott MacDonald Ltd	370,439	0	0	0	0	0	3	0.00	0.00
Galliford Try	362,550	1	0	0	1	0	3	0.28	0.30
Vinci Construction	360,504	0	0	0	0	0	5	0.00	0.00
AECOM	333,651	1	0	0	1	0	1	0.30	0.33
WSP	298,783	0	0	0	0	0	2	0.00	0.00
John Sisk	53,930	0	0	0	0	0	1	0.00	0.00
BAM Nuttall Ltd	280,867	0	0	0	0	0	0	0.00	0.00
Sisk Lagan JV	434,157	0	0	0	0	0	6	0.00	0.00
Interserve	144,671	0	0	0	0	0	1	0.00	0.00
Arcadis	98,242	0	0	0	0	0	0	0.00	0.00
Hyder Consulting	60,827	0	0	0	0	0	0	0.00	0.00
Redflex	45,967	0	0	0	0	0	0	0.00	0.00
Carnell Support Services Ltd	18,270	0	0	0	0	0	0	0.00	0.00
Carillion*	9,342	0	0	0	0	0	3	0.00	0.00
Pre-construction/PC to be assigned	226,731	0	0	0	0	0	4	0.00	0.00
Grand Total	16,974,013	6	0	2	4	0	66	0.04	0.04

Key > 0.13 0.13 ≥ & > 0.06 ≤ 0.06

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

## Supply Chain Performance Tables (continued)

Table 5 – Major Projects (Regional and Programme Performance)

Supplier	Rolling 12 months to February 2019								
	Hours Worked (12 Months)	Total RIDDORs	Fatality	Specified injury	> 7 Day	Disease	Minor Injuries	AFR	Jan. AFR
RIP Overall	<b>4,527,336</b>	0	0	0	0	0	<b>30</b>	0.00	0.02
<i>RIP East</i>	<i>295,166</i>	0	0	0	0	0	2	0.00	0.00
<i>RIP Midlands</i>	<i>397,469</i>	0	0	0	0	0	0	0.00	0.00
<i>RIP North West</i>	<i>1,299,664</i>	0	0	0	0	0	2	0.00	0.07
<i>RIP South East</i>	<i>1,008,292</i>	0	0	0	0	0	11	0.00	0.00
<i>RIP South West</i>	<i>288,845</i>	0	0	0	0	0	3	0.00	0.00
<i>RIP Yorkshire and North East</i>	<i>1,237,900</i>	0	0	0	0	0	12	0.00	0.00
CIP	<b>4,879,033</b>	1	0	0	1	0	8	0.02	0.02
NIP	<b>496,126</b>	0	0	0	0	0	0	0.00	0.00
SMP	<b>7,022,201</b>	5	0	2	3	0	28	0.07	0.07
HS2	<b>3,350</b>	0	0	0	0	0	0	0.00	0.00
Redflex	<b>45,967</b>	0	0	0	0	0	0	0.00	0.00
Grand Total	<b>16,974,013</b>	6	0	2	4	0	66	0.04	0.04

Key	> 0.13	0.13 ≥ & > 0.06	≤ 0.06
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# Supply Chain Performance Tables (continued)

Area/Principal Contractor	Rolling 12 months to February 2019								
	Hours Worked (12 months)	Total RIDDORs	Fatality	Specified Injury	> 7 Days	Disease	Minor Injuries	AFR	Jan AFR
<b>East</b>	<b>1,622,454</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>11</b>	<b>0.18</b>	<b>0.24</b>
Asset Support	925,933	1	0	0	1	0	6	0.11	0.21
CDF	590,687	2	0	1	1	0	3	0.34	0.32
DBFO	85,773	0	0	0	0	0	1	0.00	0.00
RTMC	20,061	0	0	0	0	0	1	0.00	0.00
<b>Midlands</b>	<b>6,307,926</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>26</b>	<b>0.05</b>	<b>0.05</b>
Asset Delivery	1,711,965	2	0	0	2	0	5	0.12	0.12
Asset Support	2,296,409	0	0	0	0	0	6	0.00	0.04
DBFO	50,825	0	0	0	0	0	0	0.00	0.00
Improvement Scheme	1,787,742	1	0	0	1	0	14	0.06	0.00
M6 Toll	288,046	0	0	0	0	0	0	0.00	0.00
RTMC	172,939	0	0	0	0	0	1	0.00	0.00
<b>North East</b>	<b>3,178,994</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>17</b>	<b>0.06</b>	<b>0.09</b>
Asset Delivery	768,538	2	0	1	1	0	4	0.26	0.39
Asset Support	1,787,070	0	0	0	0	0	7	0.00	0.00
DBFO	542,031	0	0	0	0	0	6	0.00	0.00
Improvement Scheme	32,787	0	0	0	0	0	0	0.00	0.00
RTMC	48,568	0	0	0	0	0	0	0.00	0.00
<b>North West</b>	<b>1,936,943</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>0.10</b>	<b>0.05</b>
Asset Delivery	830,403	1	0	1	0	0	4	0.12	0.00
Asset Support	1,071,758	1	0	1	0	0	7	0.09	0.09
RTMC	34,782	0	0	0	0	0	0	0.00	0.00
<b>South East</b>	<b>6,254,654</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>38</b>	<b>0.06</b>	<b>0.06</b>
Asset Support	4,059,656	1	0	1	0	0	19	0.02	0.02
DBFO	2,143,230	3	0	2	1	0	16	0.14	0.14
Improvement Scheme	3,064	0	0	0	0	0	0	0.00	0.00
RTMC	48,704	0	0	0	0	0	3	0.00	0.00
<b>South West</b>	<b>1,375,641</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>8</b>	<b>0.29</b>	<b>0.25</b>
Asset Delivery	1,241,721	4	0	0	4	0	6	0.32	0.26
DBFO	57,737	0	0	0	0	0	0	0.00	0.00
Improvement Scheme	12,047	0	0	0	0	0	0	0.00	0.00
Severn River Group	26,539	0	0	0	0	0	2	0.00	0.30
RTMC	37,597	0	0	0	0	0	0	0.00	0.00
<b>National</b>	<b>510,153</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>0.20</b>	<b>0.22</b>
ESCORT	5,911	0	0	0	0	0	0	0.00	0.00
Efficiency and Noise Insulation Project	16,581	0	0	0	0	0	0	0.00	0.00
NGVR - Next Generation Vehicle Recovery	10,914	1	0	0	1	0	0	9.16	3.89
National Roads Telecommunication Services	461,164	0	0	0	0	0	1	0.00	0.00
Property M.E.S. E	15,583	0	0	0	0	0	2	0.00	0.00
<b>Grand Total</b>	<b>21,186,765</b>	<b>19</b>	<b>0</b>	<b>7</b>	<b>12</b>	<b>0</b>	<b>114</b>	<b>0.09</b>	<b>0.09</b>

Key	> 0.13	0.13 ≥ & > 0.06	≤ 0.06
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