



# **STATISTICAL NEWS FOR FIRE SAFETY AND ORGANISATIONAL STATISTICS**

**31 August 2018**

Revisions or corrections have been published for the following tables:

<b>Tables</b>	<b>Publication years affected</b>
Vehicles - Table 14	2016-17
Vehicles - Table 14a	2016-17
Attacks on SFRS Personnel – Table 15	2016-17, 2015-16
Attacks on SFRS Personnel – Table 15a	2016-17, 2015-16
Attacks on SFRS Personnel – Table 16	2016-17, 2015-16
Non-domestic Fire Safety – Table 20	2016-17, 2015-16, 2014-15
Non-domestic Fire Safety – Table 20a	2016-17, 2015-16, 2014-15
Non-domestic Fire Safety – Table 21	2016-17, 2015-16, 2014-15
Non-domestic Fire Safety – Table 21a	2016-17, 2015-16, 2014-15
Non-domestic Fire Safety – Table 22	2016-17, 2015-16, 2014-15
Non-domestic Fire Safety – Table 23	2016-17, 2015-16, 2014-15
Non-domestic Fire Safety – Table 23a	2016-17, 2015-16, 2014-15
Non-domestic Fire Safety – Table 23b	2016-17, 2015-16, 2014-15

The relevant downloadable workbooks and infographics have been amended to reflect the correct figures.

## Vehicles

A small number of category and tabulation errors have led to incorrect values in each of the vehicle categories for 2016-17. The largest change affects Reserve Appliances where some non-appliances were included in error. The following tables have been amended:

Table 14: Number of SFRS vehicles by type

Table 14a: Number of SFRS vehicles by type

## Resilience

The counting of Resilience vehicles is an ongoing issue as the Fleet database tracks vehicles and equipment for the purpose of maintenance and tracking rather than logging operational use. It is therefore difficult to correctly match categories for these statistics. Effort has been made to mitigate this problem using Control Room data.

There were also misclassification of a number of vehicles. The following vehicle classes were counted as Resilience, the replacement category is on the right:

Community Response Unit	-	Other Operational
ND Demountable Pod	-	Not Counted
Water Carrier	-	Other Operational
Water Rescue Unit	-	Vehicles Primarily for Rescue Work
Welfare Unit	-	Non-Operational

## Boats

The SFRS Fleet Management System tracks boats differently to other vehicle types. They are either recorded as Plant Equipment or as Operational Equipment and so in the past were manually accounted for. Last year a small number of boats were missed in this process. From 2017-18 our updated Extraction, Transform and Load (ETL) procedure reduces the risk of this kind of error.

## Attacks on SFRS Personnel

Small upward revisions to this series are to be expected as attacks on personnel may not be reported right away. The following tables are affected:

Table 15: Total number of SFRS personnel attacked at operational incidents

Table 15b: Percentage of operational incidents where SFRS personnel were attacked

Table 16: Percentage of incidents where SFRS personnel were attacked

The incorrect inclusion of a small number of database entries which are not statistically relevant to the 2016-17 dataset has required a slight correction. Procedural improvements mean errors of this kind are now unlikely. The following tables have been amended:

Table 15a: Total number of SFRS personnel attacked not at operational incidents

## **Non-domestic Fire Safety**

### **Hours**

Staff hours spent on audit workflows was miscounted in previous years due to a bug in the Prevention and Protection Enforcement database system which didn't correctly sum additional hours spent since the first report entry. These figures have now been corrected. This affects the following tables:

Table 21: Number of fire safety audits, enforcement and prohibition notices with average times

Table 21a: Number of fire safety audits, enforcement and prohibition notices by premises type with average times

Table 22: Number and hours of Type A and B audits

### **Miscategorisation**

A miscount primarily effecting Houses in Multiple Occupancy has occurred due to the incorrect categorisation of incidents within the dataset. This has been resolved through our quality assurance process and has now been corrected. This has a small effect on each of the non-domestic fire safety tables.

### **Notices validation**

Additional quality assurance efforts undertaken by the Fire Safety and Enforcement team this year has improved the accuracy of the reporting of formal notices. The reporting of notices in the database system did not perfectly match the number of formal notices actually issued. There were cases where a material change in circumstance meant that issuing a notice as recommended through SFRS procedures was not required. There were also cases where the issuing of a prohibition notice followed the completion of an audit, yet due to the structure of the data these cases needed to be recorded as a specific visit for correct reporting. A small number of further exception cases were found. The published figures have now been updated for improved accuracy. Tables affected by this are:

Table 21: Number of fire safety audits, enforcement and prohibition notices with average times

Table 21a: Number of fire safety audits, enforcement and prohibition notices by premises type with average times

Table 22: Number and hours of Type A and B audits

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## Correspondence and enquiries

Lead statistician for this bulletin and associated documents was Gregor Welsh.

For enquiries or feedback please contact:  
[National.Statistics@firescotland.gov.uk](mailto:National.Statistics@firescotland.gov.uk)



[www.firescotland.gov.uk](http://www.firescotland.gov.uk)