



## STRATEGIC DELIVERY BOARD MEETING

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**TITLE OF PAPER: Secondary Fire Analysis**

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**For: Information / Discussion**

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### **Purpose of Report**

This report provides analysis into Secondary Fires occurring within Essex from September 2013 until August 2015

### **Recommendations**

It is recommended that members of the Board

1. Note the contents of the Secondary Fire Analysis Report
2. Discuss the Contents of the Secondary Fire Analysis Report

### **Summary**

August Major performance report noted that there has been an increase in incidents attended over the previous 12 months by 9.8% (or 389 incidents). Within this period secondary fires had increased by 293 incidents in comparison to the previous year.

For the purpose of this report we have analysed 2 years' worth of data covering the periods of September 13 – August 14 and September 14 – August 15.

### **Temporal Trend**

During the months of September 14 to April 15 there was a decrease in secondary fires when compared to the previous year's data, by the end of April there was an overall reduction of Secondary Fires by 25 incidents or 2.97%.

Secondary Fires increased during the summer months of 2015 (May, June, July and August) with 318 fires more than the previous year, which equates to an increase of 39%.

Figure 1 shows a month by month summary.

More in-depth analysis was taken into the incidents occurring in the months of May, June, July and August.

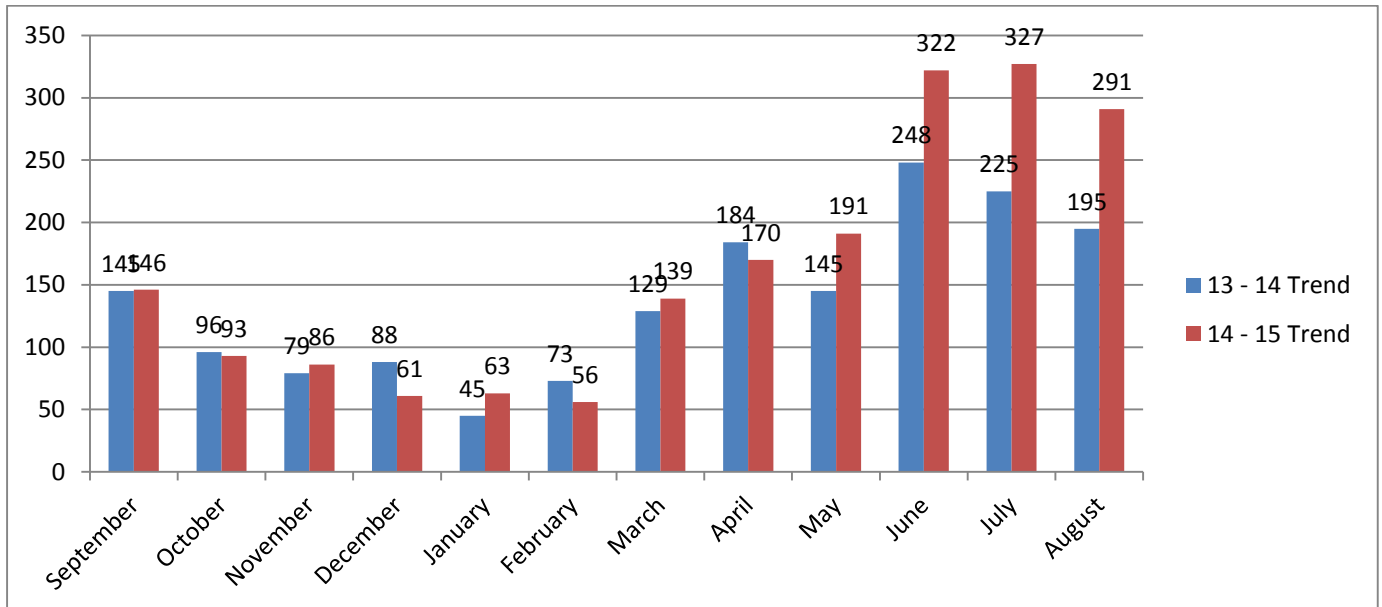


Figure 1 – Temporal Trend

### May – August Analysis

Figure 2 demonstrates within this period Deliberate fires have increased by 156 (43.58%) and Accidental or Deliberate have increased by 68 (49.64%) compared to previous reporting period.

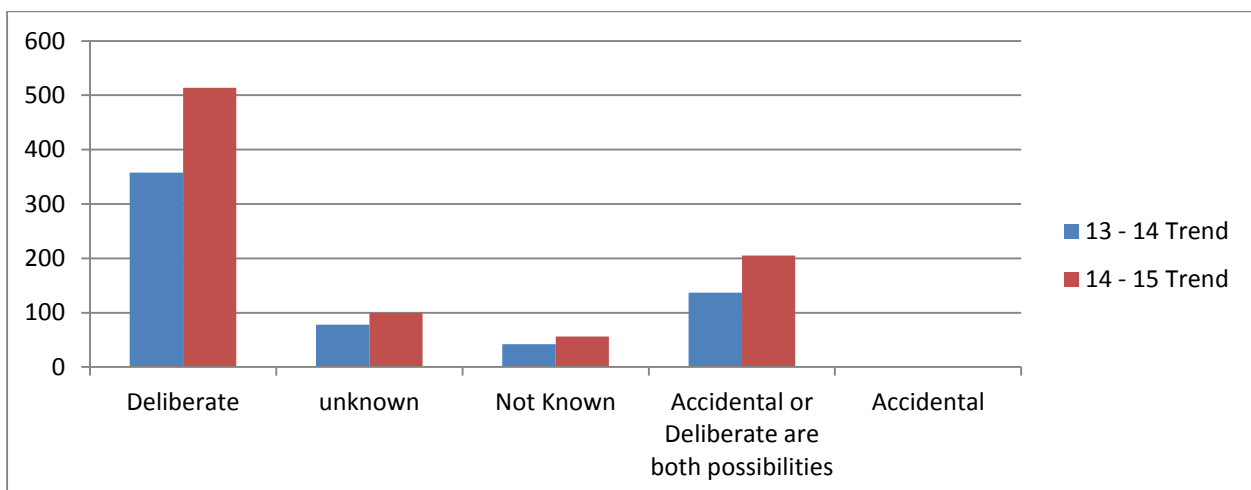


Figure 2 – Fire Cause

**Fires – Fire in the open – small** represent the majority of secondary fires in this period as highlighted in Figure 3. An additional 301 fires were attended to of this type in 2015, an increase of 43% from the previous year or 94% of the total increase in this period.

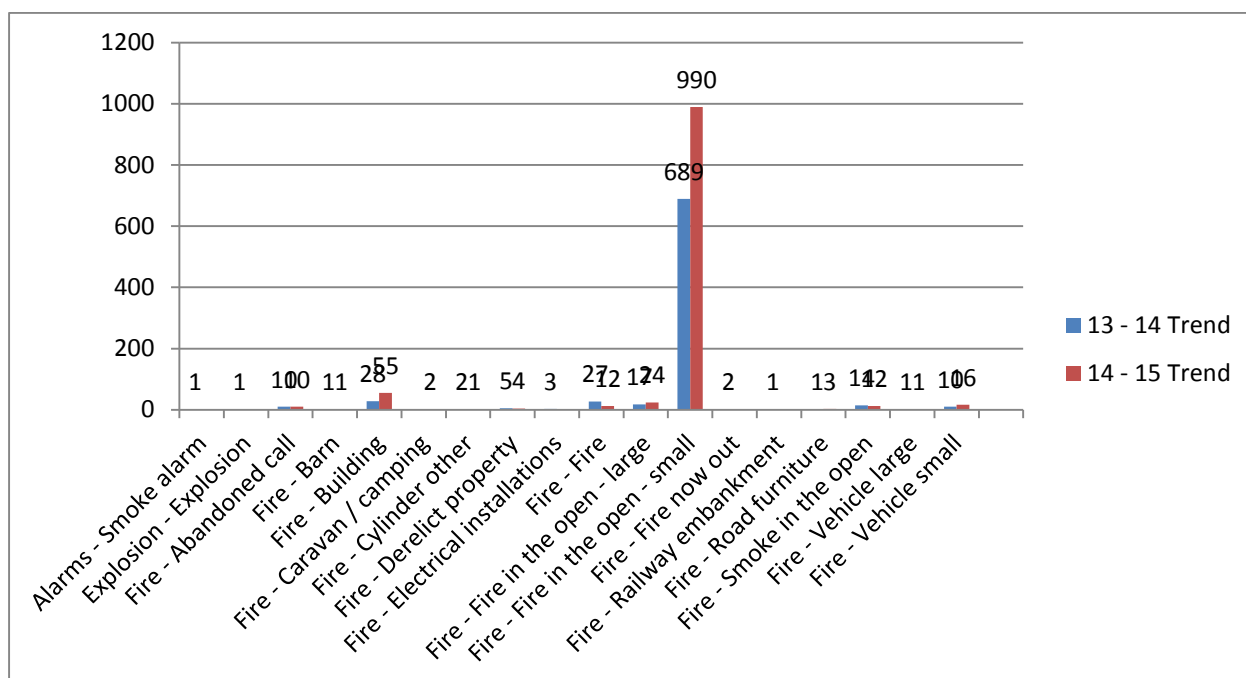


Figure 3 – Mobilisation Category

Locations related to small secondary fires are shown in Figure 4 by 2015 by station Ground. With Grays, Orsett, Basildon and Harlow Central recording the highest rates of incidents. Figure 5 shows incident hotspots

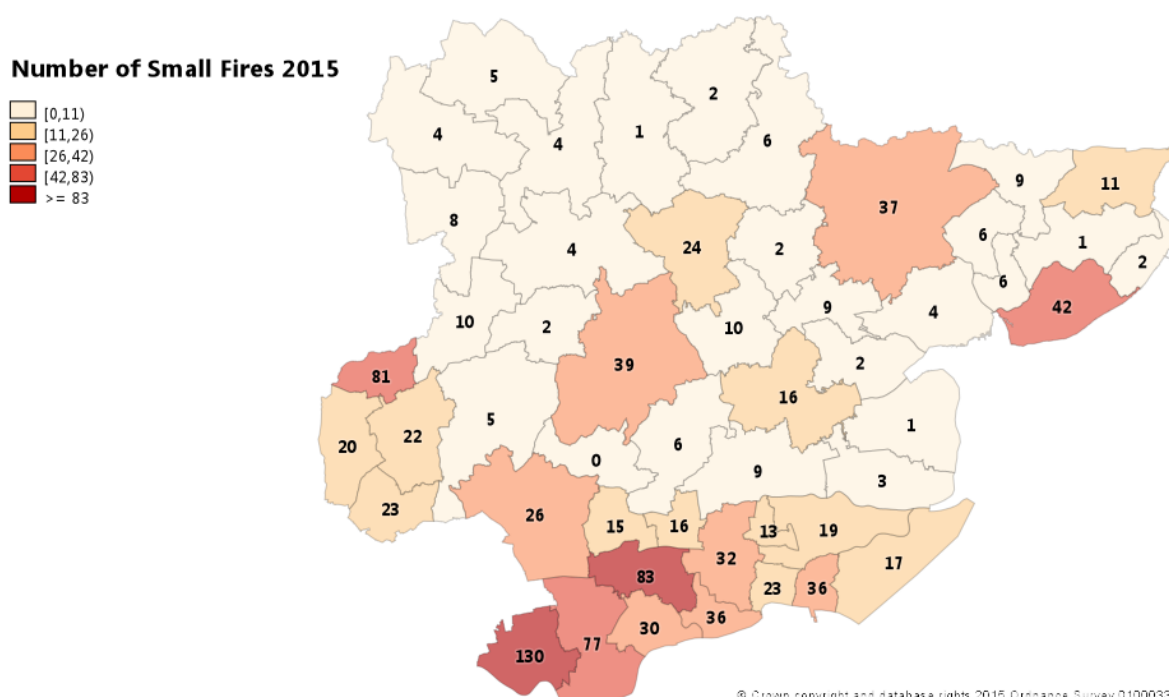


Figure 4 – Number of Incidents by Station Ground

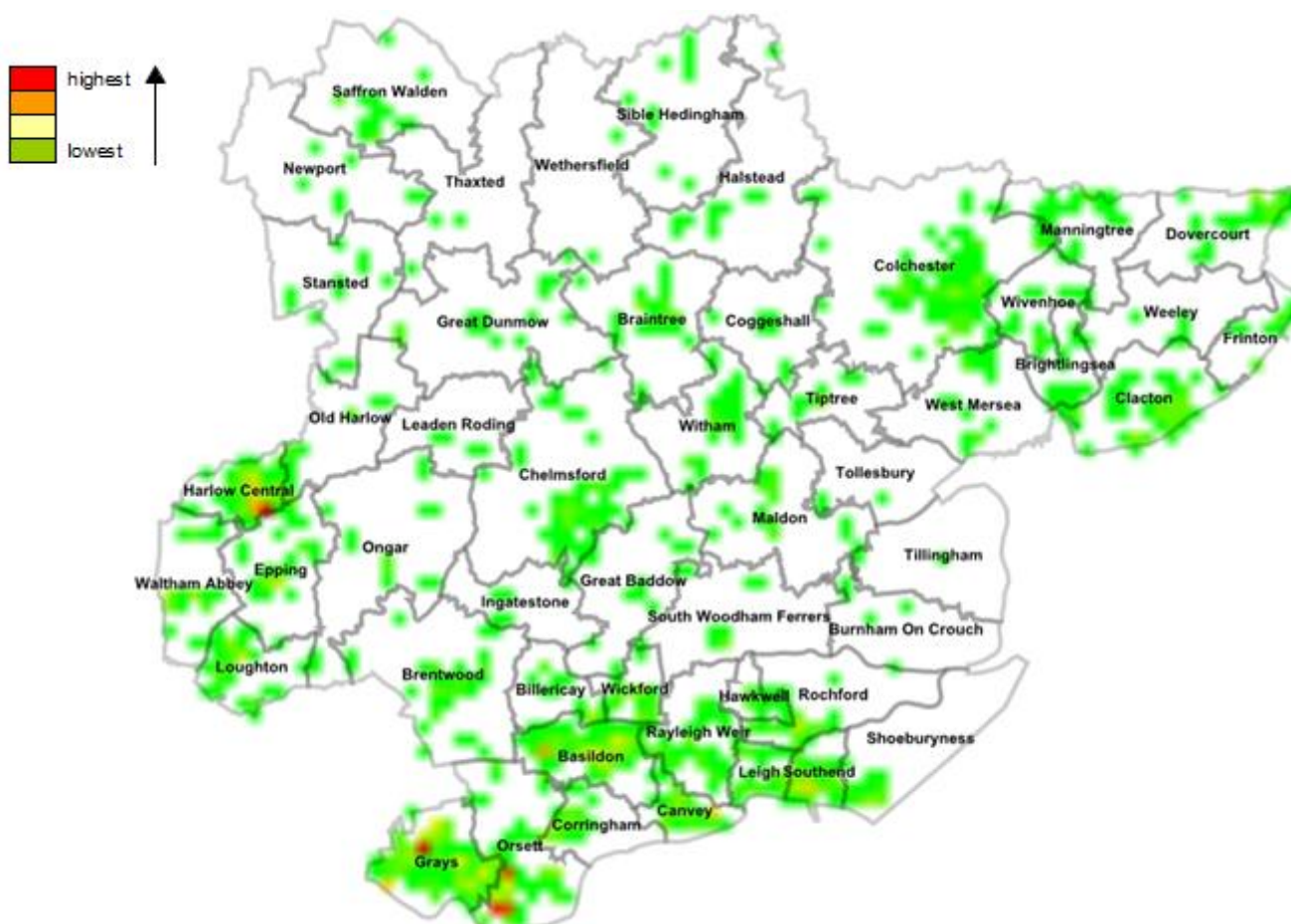


Figure 5 – Summer 2015 Incident Hot Spot

Financial, Legal, Health and Safety, Equality and Environmental Implications  
 There are no significant implications from the content or purpose of this paper.

Further details and background information available from: [lucy.clayton@essex-fire.gov.uk](mailto:lucy.clayton@essex-fire.gov.uk)