
Scottish Fire and Rescue Service

Police & Fire and Rescue Committee – 6th February 2018

Subject	Scottish Fire and Rescue Service Performance Report and Service updates
Purpose	To advise members of the Police and Fire Committee as to progress against North Ayrshire's local fire and rescue plan and to provide committee members with other key Fire and Rescue Service updates
Recommendation	For members to note the information contained within this report

1. Introduction

- 1.1 On the 3rd October 2016, the Scottish Fire and Rescue Service laid before the Scottish Parliament its new Strategic Plan for the period 2016 – 2019. As a result of this publication, the Service was legally obliged to review its existing local fire and rescue plans for the 32 local authorities across Scotland. On the completion of this review a new local fire and rescue plan for North Ayrshire was developed and following a public consultation was presented to the Police & Fire and Rescue Committee for approval on the 5th September 2017.

2. Performance Summary

- 2.1 Review of operational responses within North Ayrshire for the period 1st April 2017 to 31st December 2017 identified a 5% decrease in activity levels across the local authority area from the corresponding activity period 1st April 2016 to 31st December 2016. Review of the preceding three years average in respect of current activity levels within North Ayrshire indicated a 7% increase in overall operational activity over the nine month period. In reviewing operational activity on a broad level, false alarms accounted for 52% of all activity within North Ayrshire, with fire related and special service activity accounting for 37% and 11% respectively.
- 2.2 For the period 1st April 2017 – 31st March 2018, progress is being monitored across six indicators, utilising the three year rolling average as basis of measuring performance. Year on year and the rolling five year average figures are also being used to review short and longer terms changes in demand and trends.
- 2.3 Utilising the defined approach in Section 2.2, review of performance against these six indicators identified four indicators were above the three year average due to a rise in activity. One indicator has seen a reduction in its respective three year average of more than 5% and one indicator currently unchanged in terms of activity over the rolling three year average. Further analysis of this performance is provided in the associated performance report.

3. Proposal

It is proposed that members of the Police & Fire and Rescue Committee ...

- i. Note the content of the performance summary and associated report for the period 1st April 2017 to 31st December 2017.

4. Implications

- 4.1 No implications have been identified at this time in respect of service delivery within North Ayrshire.

5. Conclusion

- 5.1 Fire and Rescue Service activity is subject to regular monitoring and review and the local fire and rescue plan priorities identified within the local fire and rescue plan forms part of this reporting process. Members of the Police & Fire and Rescue Committee will be kept up to date as to progress against the local fire and rescue plan and to any future fire and rescue service updates as they arise.

Area Manager Jim Scott
Local Senior Officer
East Ayrshire, North Ayrshire and South Ayrshire
Scottish Fire and Rescue Service

For further information please contact Area Manager Jim Scott 01294 607000



**North Ayrshire Performance Report
1st April 2017 - 31st December 2017**



SCOTTISH
FIRE AND RESCUE SERVICE
Working together for a safer Scotland

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North Ayrshire Performance Report

Table of Contents



















Local Fire and Rescue Service Plan Priorities	3
North Ayrshire Activity Summary	4
Domestic Safety - Accidental Dwelling Fires	5
Domestic Safety - Accidental Dwelling Fire Casualties	6
Unintentional Injury and Harm	7
Deliberate Fire Setting	8
Non-Domestic Fire Safety	9
Unwanted Fire Alarm Signals	10
Retained Duty System	11
Prevention & Protection	11
Glossary of Terms	12

Local Fire and Rescue Service Plan Priorities

The Local Fire and Rescue Service Plan has been developed to set out the priorities and objectives within North Ayrshire and allows our local authority partners to scrutinise the performance outcomes of these priorities. We will continue to work closely with our partners in North Ayrshire to ensure we are all **“Working Together for a Safer Scotland”** through targeting risks to our communities at a local level.

The plan has been developed to complement key activity embedded across North Ayrshire's Community Planning Partnership. Through partnership working we will seek to deliver continuous improvement in our performance and effective service delivery in our area of operations.

The Local Fire and Rescue Plan for North Ayrshire identified six areas for demand reduction and is subject to regular monitoring and reporting through the Police & Fire and Rescue Committee. A summary of the priorities and current activity is detailed below with further detail and analysis contained within this performance report.

	Total Activity	Year on Year Change	3 Year Average	3 Year Average Change	5 Year Average	5 Year Average Change
Accidental Dwelling Fires	109	 -11%	119	 0%	113	 0%
Accidental Dwelling Fire Casualties	8	 -43%	17	 -14%	16	 -4%
Unintentional Injury and Harm	88	 11%	86	 8%	75	 12%
Deliberate Fire Setting	516	 -7%	499	 10%	469	 -1%
Non-Domestic Fire Safety	31	 19%	32	 8%	29	 4%
Unwanted Fire Alarm Signals	464	 -6%	440	 10%	419	 5%

About the statistics within this report

The activity totals and other statistics quoted within this report are published in the interests of transparency and openness. They are provisional in nature and subject to change as a result of ongoing quality assurance and review. Because all statistics quoted are provisional there may be a difference in the period totals quoted in our reports after local publication which result from revisions or additions to the data in our systems. The Scottish Government publishes official statistics each year which allow for comparisons to be made over longer periods of time.



Activity levels have reduced by more than 5%



Activity levels have reduced by up to 5%

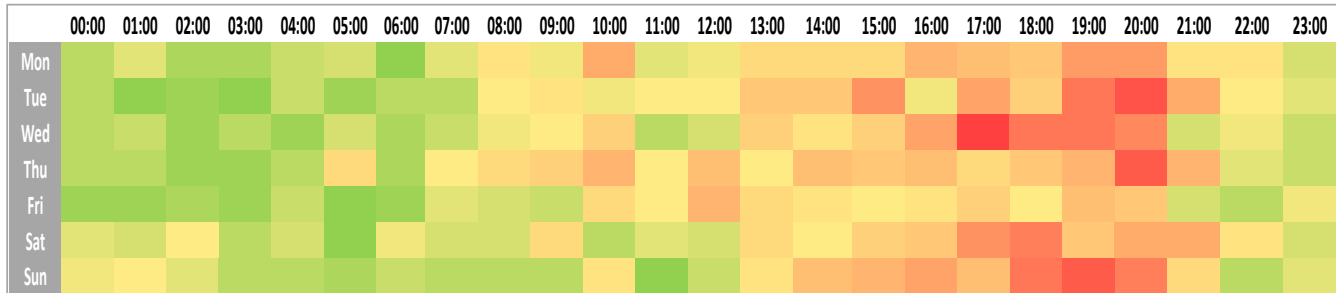


Activity levels have increased overall

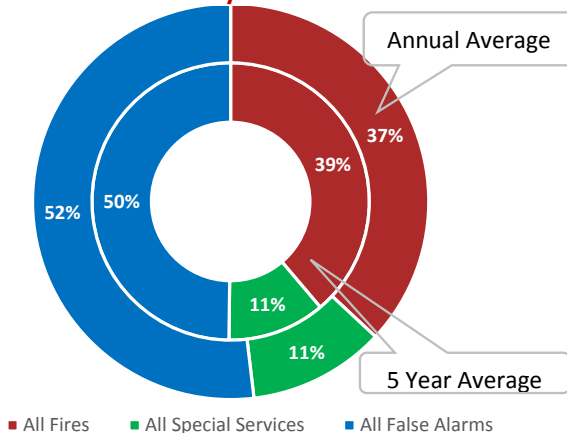
North Ayrshire Activity Summary



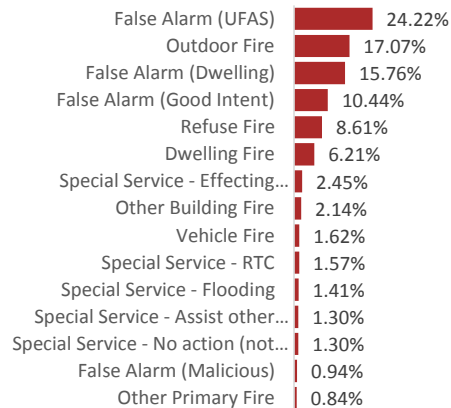
Activity by Time of Day



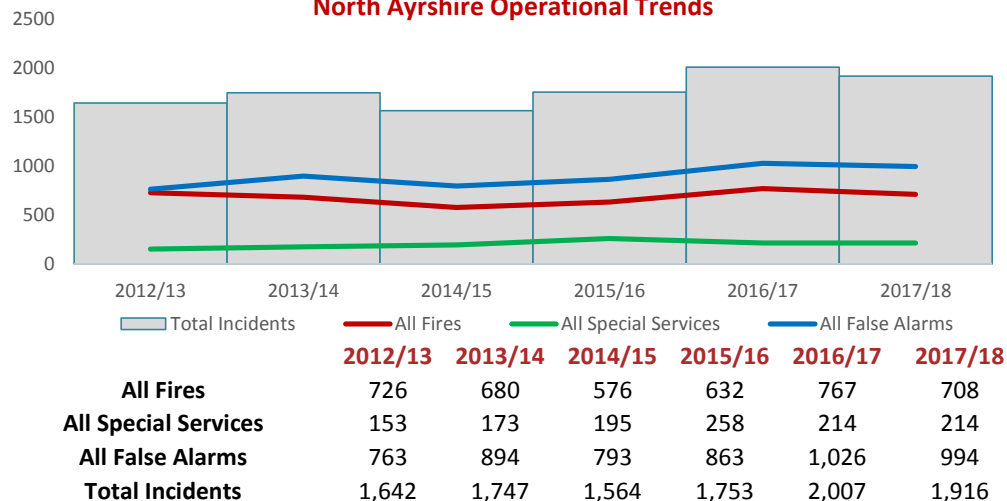
Incidents by Classification



Top 15 Incident Types by % of Total Incidents



North Ayrshire Operational Trends



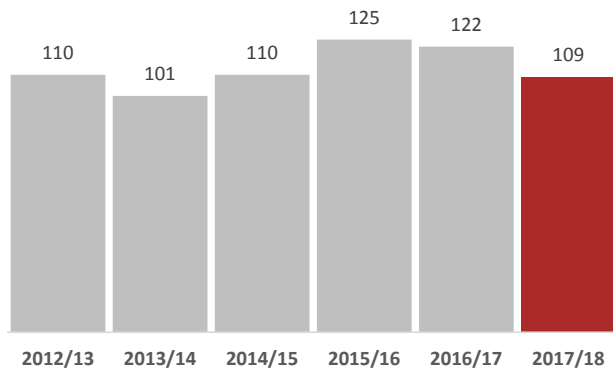
Domestic Safety - Accidental Dwelling Fires



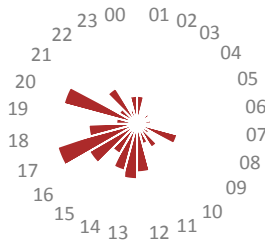
Performance Summary

Year on Year **-11%** 3 Year Average **0%** 5 Year Average **0%**

Accidental Dwelling Fires to Date



Accidental Dwelling Fires by Time of Day



Human Factors

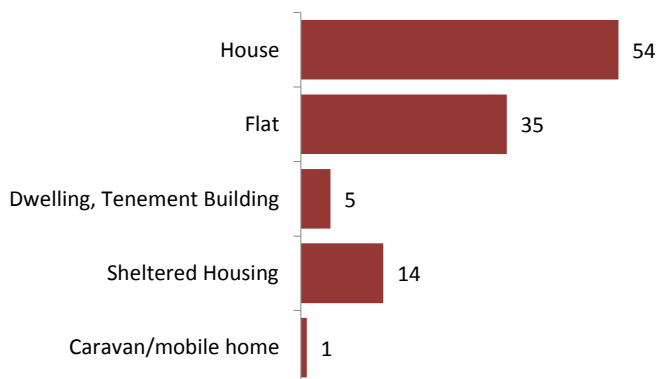


Distraction
34%

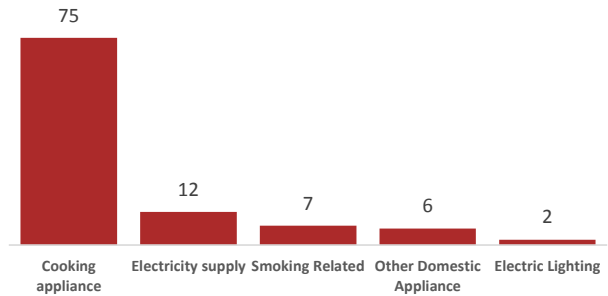


Alcohol/Drug Impairment
17%

Property Types



Top 5 Main Source of Ignition



Severity of Accidental Dwelling Fires



No Firefighting Action
48%



Direct Firefighting
15%



No Heat/Smoke Damage
48%



No Fire Damage
53%

Automatic Detection & Actuation



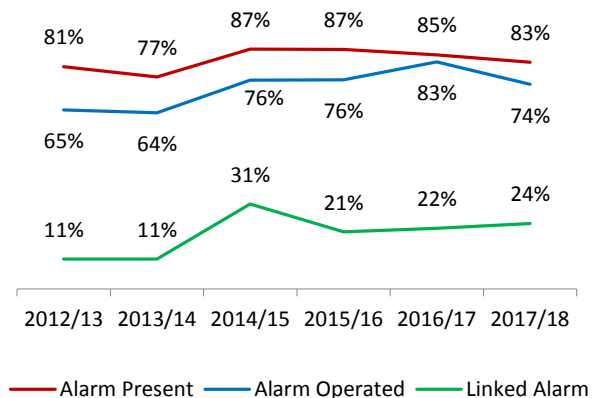
Detection Present
83%



Detection Actuated
61%



Calls Made via Linked Alarms
24%



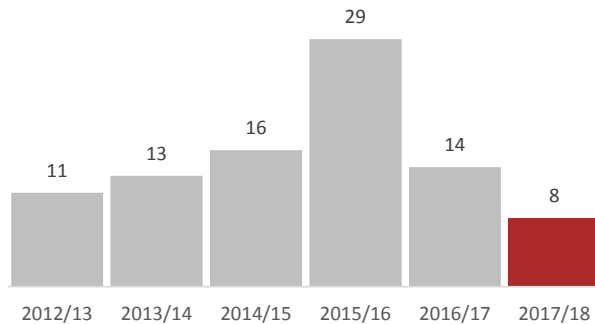
Domestic Safety - Accidental Dwelling Fire Casualties



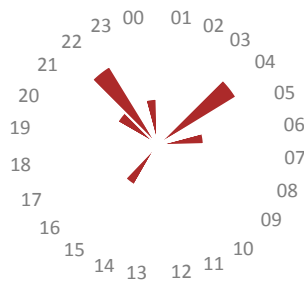
Performance Summary

Year on Year **-43%** 3 Year Average **-14%** 5 Year Average **-4%**

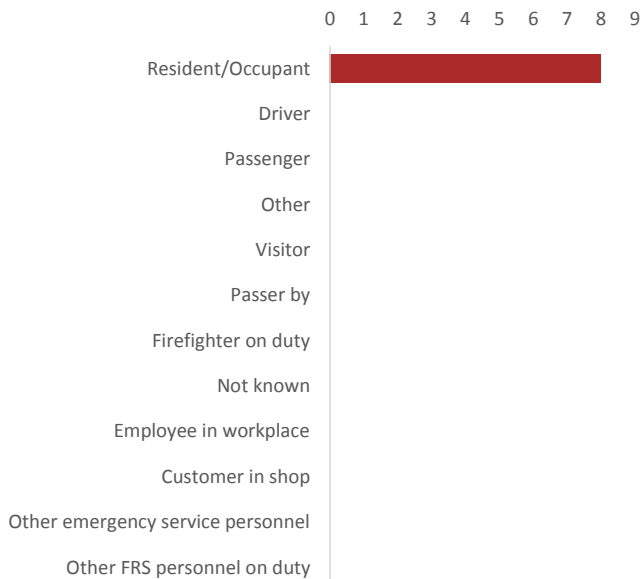
Accidental Dwelling Fire Casualties Year to Date



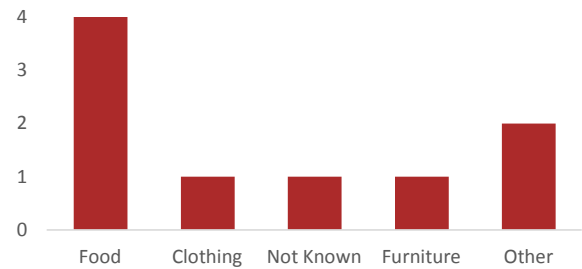
Fire Casualties by Time of Day



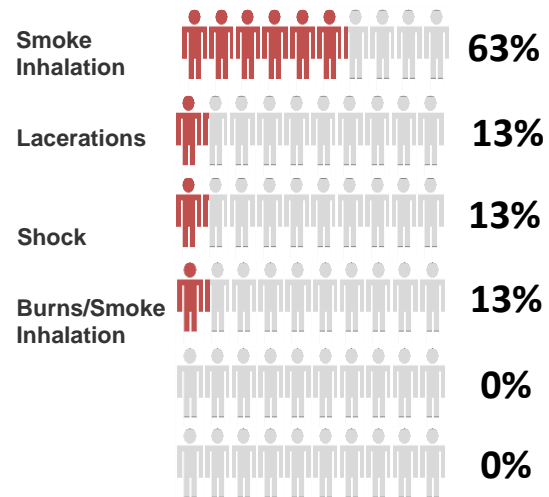
Role of the Casualty



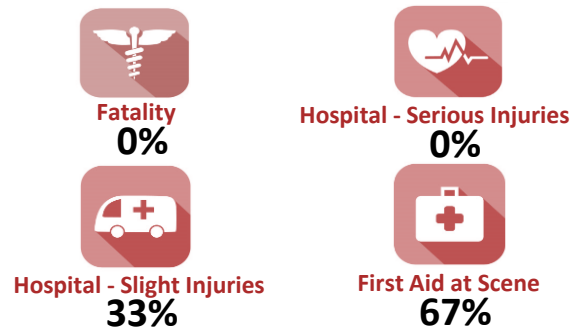
Main Sources of Ignition



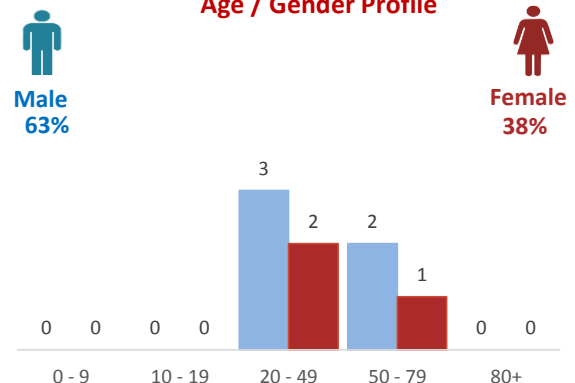
Nature of Injury



Extent of Harm



Age / Gender Profile



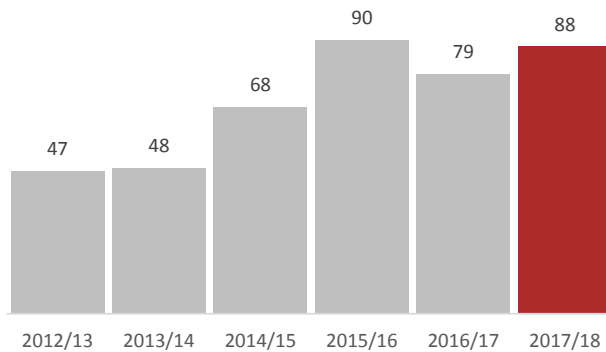
Unintentional Injury or Harm



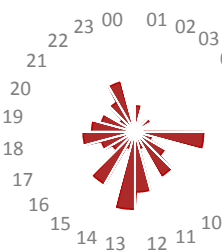
Performance Summary

Year on Year	3 Year Average	5 Year Average
11%	8%	12%

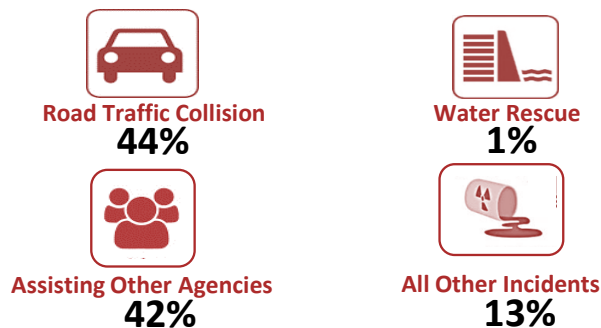
Non-Fire Casualties Year to Date



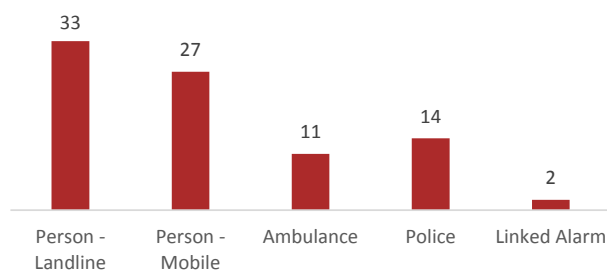
Non-Fire Casualties by Time of Day



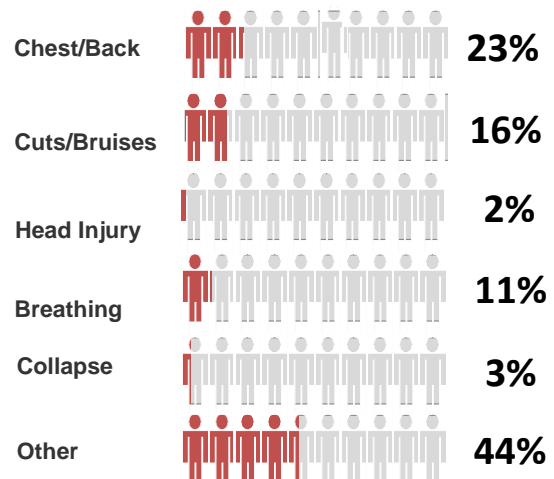
Non-Fire Emergency Activity



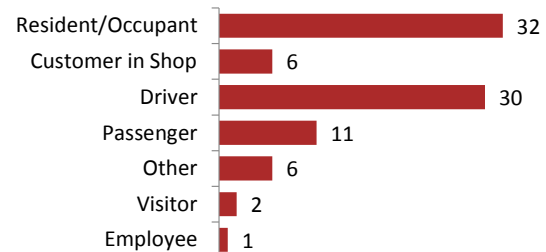
Origin of Call



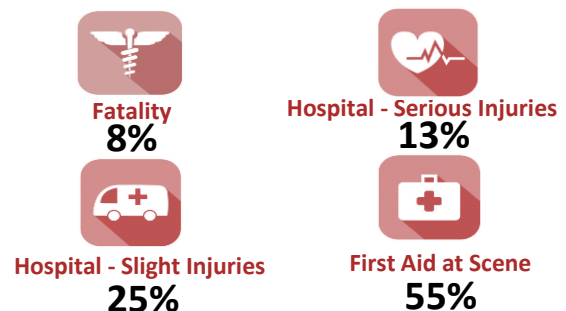
Nature of Injury



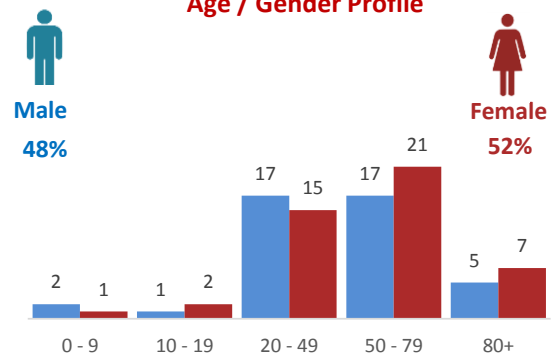
Role of the Casualty



Extent of Harm



Age / Gender Profile



Deliberate Fire Setting

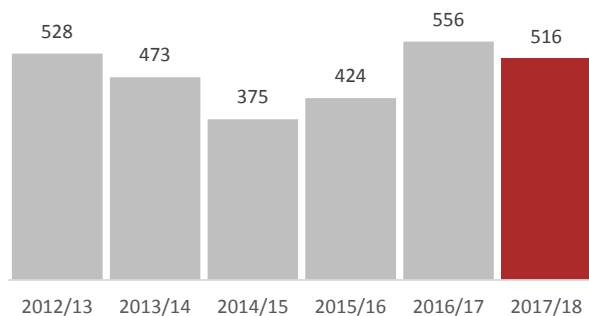


Performance Summary

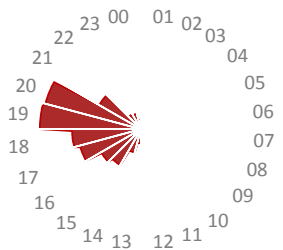
Year on Year 3 Year Average 5 Year Average

● -7% ◆ 10% ▲ -1%

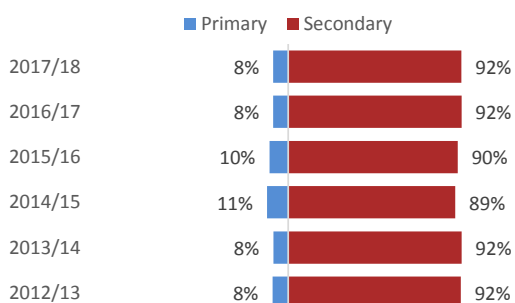
Deliberate Fires Year to Date



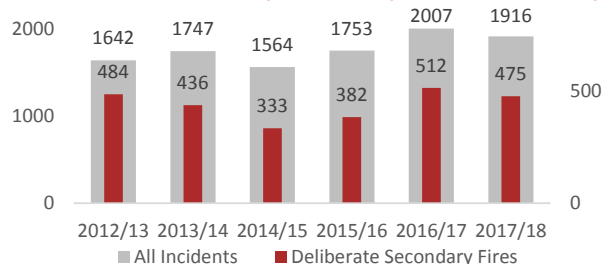
Deliberate Fires by Time of Day



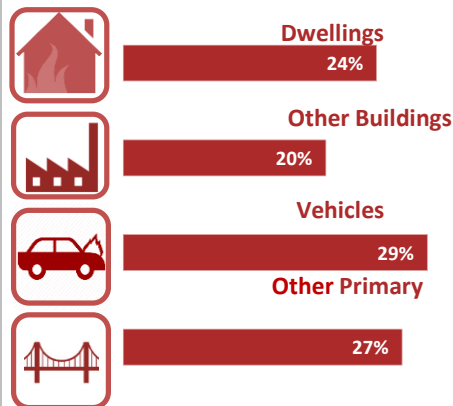
Deliberate Fires by Classification



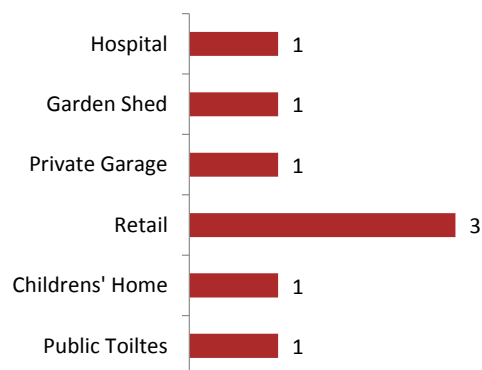
Deliberate Fires Compared to Operational Activity



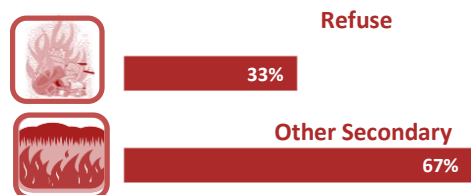
Primary Fire Ratio by Activity Type



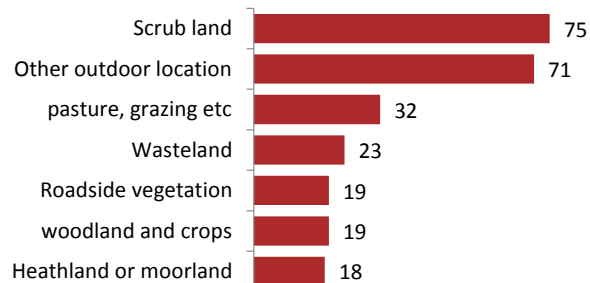
Deliberate Other Building Fires



Secondary Fire Ratio by Activity Type



Most Common 'Other' Secondary Fires



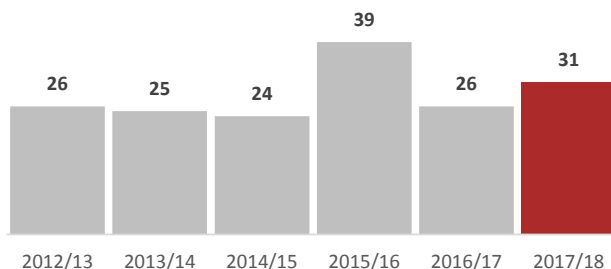
Non Domestic Fire Safety



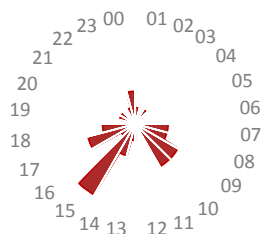
Performance Summary

Year on Year	3 Year Average	5 Year Average
19%	8%	4%

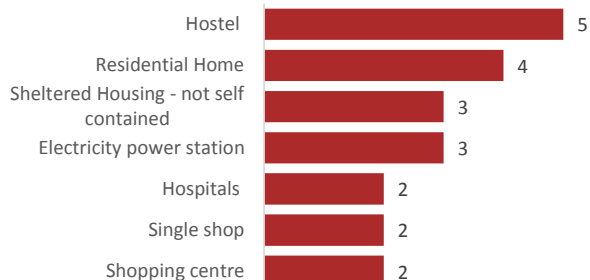
Non-Domestic Fires Year to Date



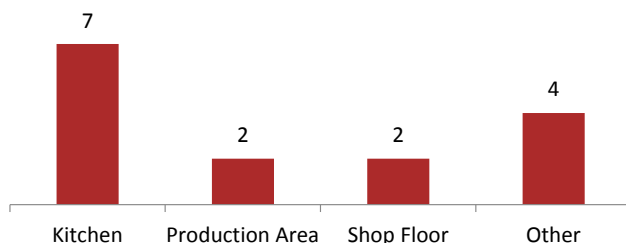
Non-Domestic Fires by Time of Day



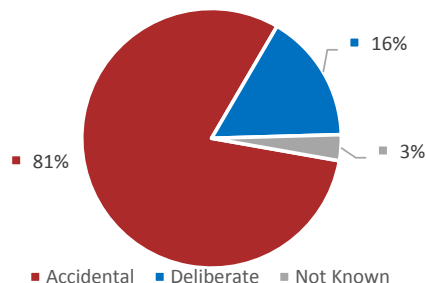
Non-Domestic Fires by Premises Type



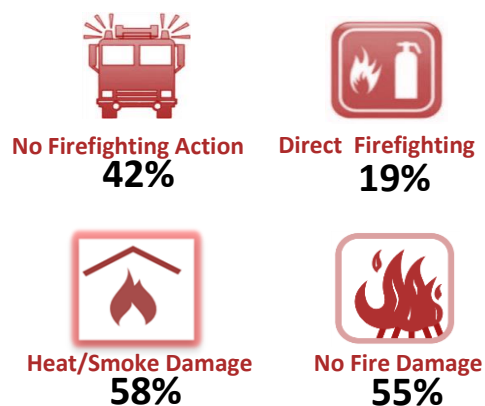
Most Common Locations of Fire Starting



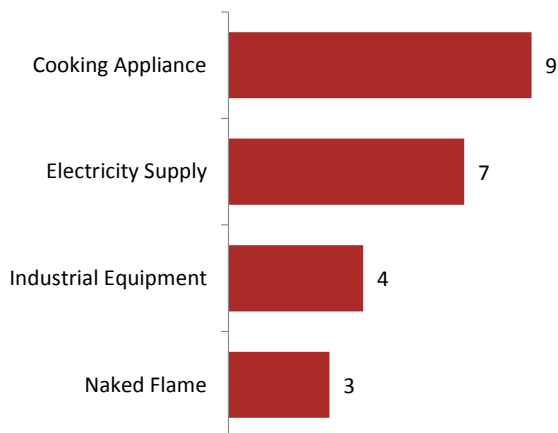
Non-Domestic Fires by Nature of Origin



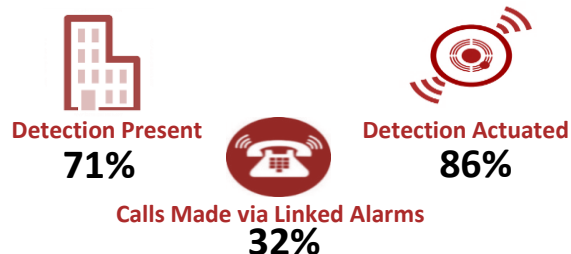
Severity of Non-Domestic Fires



Most Common Source of Ignition



Automatic Detection and Activation



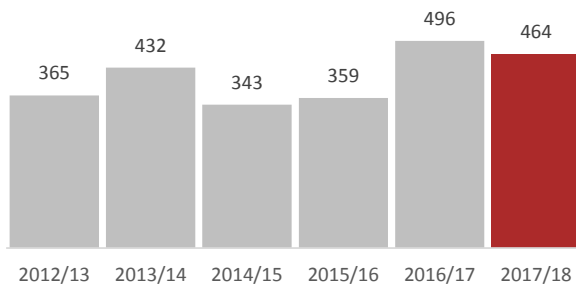
Unwanted Fire Alarm Signals



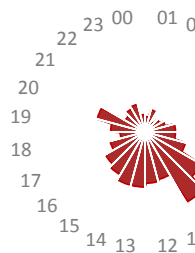
Performance Summary

Year on Year	3 Year Average	5 Year Average
-6%	10%	5%

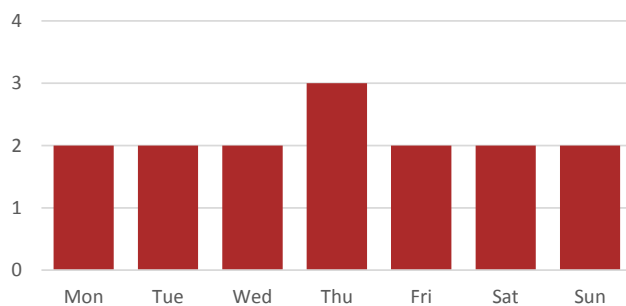
Unwanted Fire Alarm Signals Year to Date



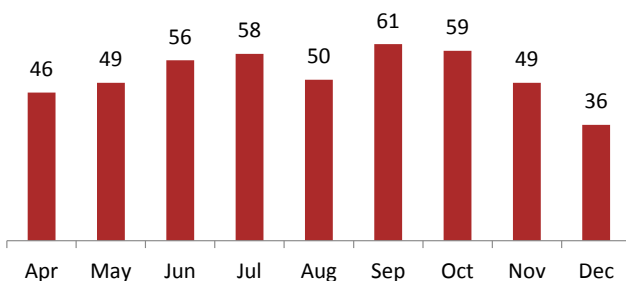
Unwanted Fire Alarm Signals by Time of Day



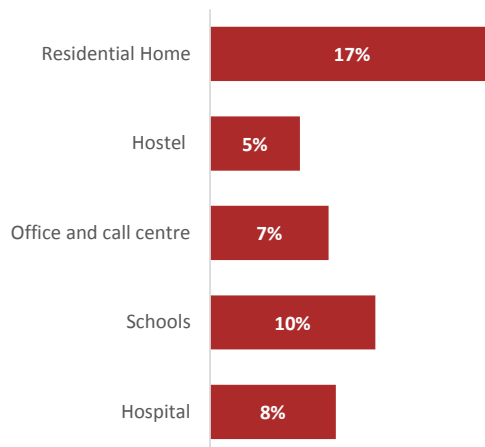
Average Unwanted Fire Alarm Signals per Day



Average Unwanted Fire Alarm Signals per Month



Unwanted Fire Alarm Signals - Top 5 Premises



Unwanted Fire Alarm Signals Activity Ratios



UFAS Percentage Against all Incidents

24%



UFAS Percentage Against all False Alarms

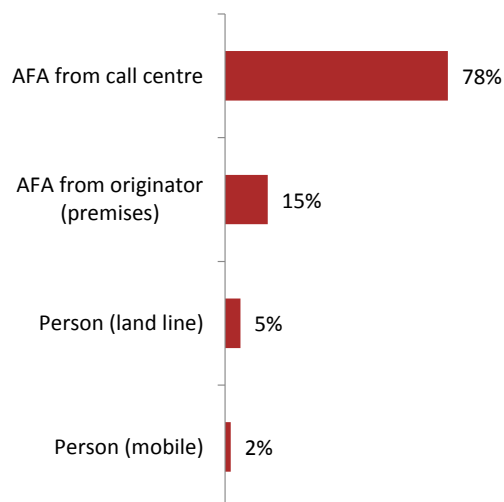
47%



Human Influence and UFAS Activations

42%

Origin of Call



Retained Duty System

Appliance Availability	Mon - Fri (08:00 - 18:00)	Mon - Thu (18:00 - 08:00)	Weekend (Fri 18:00 - Mon 08:00)	Total	Total Mobilisations	Total Time Deployed	No. of Personnel	Contracts
Ardrossan	56.69%	95.54%	90.39%	83.02%	232	116:43	7	550%
Dreghorn	73.28%	98.48%	93.25%	89.08%	293	148:28	13	1000%
Dalry	29.41%	93.42%	80.77%	69.78%	109	65:06	8	675%
Beith	69.21%	98.49%	97.20%	89.36%	171	106:01	12	1025%
Kilbirnie	52.58%	94.59%	96.07%	82.73%	176	103:10	11	1000%
Largs	97.60%	99.91%	97.59%	98.36%	130	85:50	12	950%
Skelmorlie	57.45%	99.31%	90.69%	83.72%	88	56:12	13	1000%
Millport -1	97.58%	99.71%	99.34%	99.01%	31	17:32	12	1050%
Millport - 2	7.21%	47.47%	10.42%	21.73%				
Brodick	99.59%	100.00%	98.13%	99.18%	56	28:51	9	900%
Lamlash	100.00%	100.00%	99.37%	99.77%	82	43:48	9	900%
North Ayrshire	67.33%	93.36%	86.66%	83.25%				
Ayrshire	64.98%	93.68%	86.26%	82.43%				

Prevention & Protection



Total Number of Home Fire Safety Visits Carried Out
1,375

Smoke Detectors Fitted During Home Fire Safety Visits
995



Number of High Risk Home Fire Safety Visits Carried Out
24%

Visits Carried Out Following Attendance at an Incident
25%



Fire Safety Audits Carried Out
128



New Audits
90%



Re-Audits
1%



Post Fire Audits
7%



Complaint Audits
2%



Broadly Compliant **13**



Areas of Improvement **126**



Notification of Deficiencies **4**



Enforcement Notice



Prohibition Notice

Glossary of Terms

Term - What it means

ADF

Accidental Dwelling Fire

CSET

Community Safety Engagement Toolkit is a internal IT system used to record home fire safety visits and community safety activities

FSET

Fire Safety Experiential Training is a bespoke training programme developed by the Scottish Fire and Rescue Service in Ayrshire and delivered to community planning partners to raise awareness of fire safety within the domestic environment

HFSV

Home Fire Safety Visit

PDIR

Post Domestic Incident Response, a term used by Prevention and Protection Directorate to indicate actions taken following attendance at a fire or other incident in the home. PDIRs include amongst things the offer of a free follow-up home fire safety visit

Primary Fires

These include all fires in buildings, vehicles and outdoor structures or any fire involving casualties, rescues or fires attended by five or more appliances

RDS

Retained Duty System. Professional on call firefighters who may have other primary employment responsibilities outside the Fire and Rescue Service but respond to emergency calls within their local area as and when required

RTC

Road Traffic Collision

Secondary Fires

These are the majority of outdoor fires including grassland and refuse fires unless they involve casualties or rescues, property loss or fire or more appliances attend. They include fires in single derelict buildings

Special Service

Calls to incidents which are not fires or false alarms such as RTCs, rescues, flooding, incidents involving hazardous materials or the provision of assistance to other agencies

UFAS

Unwanted Fire Alarm Signals. When an automatic fire detection and alarm system is activated as a result of anything other than an actual fire the activation is classed as a false alarm. If an attendance is made to such an event by the Scottish Fire and Rescue Service, then the event is recorded as an UFAS incident