MERSEYSIDE FIRE AND RESCUE AUTHORITY			
MEETING OF THE:	**AUDIT AND SCRUTINY COMMITTEE**		
DATE:	**8TH FEBRUARY 20188 FEBRUARY 2018**	**REPORT NO:**	**CFO/002/18**
PRESENTING OFFICER	**DEPUTY CHIEF FIRE OFFICER**		
RESPONSIBLE OFFICER:	**AM GUY KEEN**	**REPORT AUTHOR:**	**SM KAY**
OFFICERS CONSULTED:	**GM RYDER**		
TITLE OF REPORT:	**BONFIRE PERIOD 2017**		

APPENDICES:	**APPENDIX A:**	**SUMMARY REPORT FOR INCIDENT ACTIVITY DURING 2017 BONFIRE PERIOD**
	APPENDIX B:	**BONFIRE PERIOD INFOGRAPHICS**

Purpose of Report

1. To request that members scrutinise, review and consider the performance of the Service over the Halloween and bonfire period 2017.

Recommendation

2. That Members;

   a. Scrutinise the information provided in this report; and

   b. Consider the performance of the Service as set out within this report.

Introduction and Background

3. The recording period for the bonfire period is defined as 19th October to 7th November inclusive.

4. In 2017, Fire Control actioned 392 calls, 187 fewer than in 2016 (or 32%).

5. All Districts recorded a reduction in incidents.

6. Sefton recorded the largest percentage decrease at 51.6% attending 44 incidents during the period.

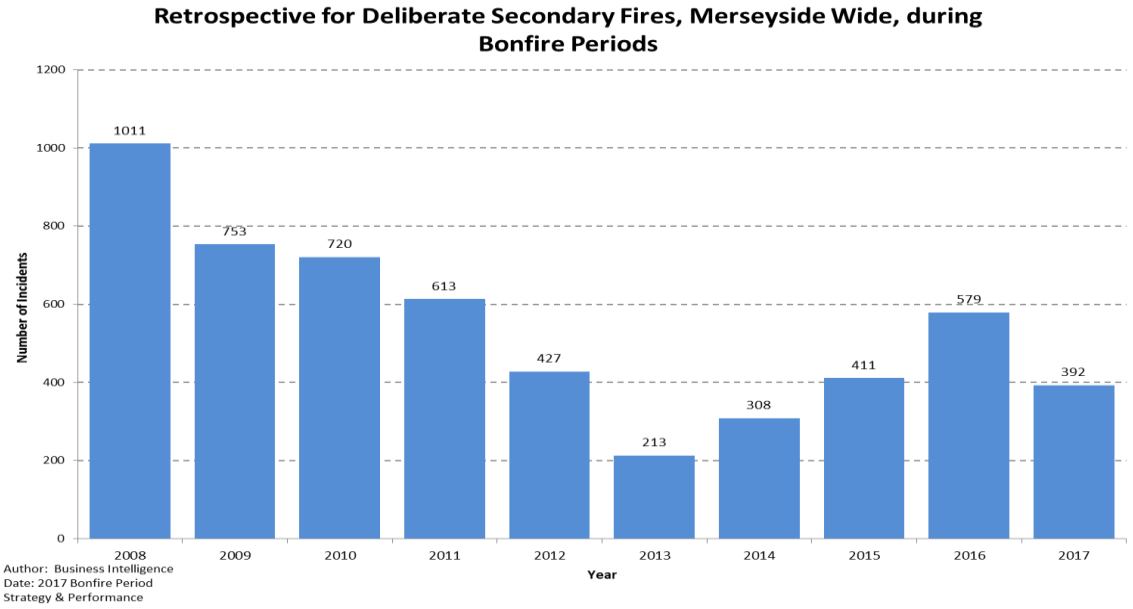
7. Liverpool North recorded the largest reduction in actual incidents attended. In 2016 Liverpool North attended 156 incidents. In 2017 they attended 101, a difference of 55 and reduction of 35.3%

8. During the 2017 bonfire period there were 9 incidents of Violence at work which was 1 less than in 2016. Table 1 details violence at work during 2017 period.

Table 1: Details of Violence at Work during 2017 bonfire period

Address	Call Date	Station	Details	District	Ward
Coronation Park, St Lukes Road, Crosby,	23/10/2017 19:33:00	31	Children's Play Area - Group Of Youths	Sefton	Victoria
Toxteth Street, Dingle,	25/10/2017 19:43:52	15	Group Of Approx 15 - 20 Youths Threw Stones At Crew, No Injuries To Crew	Liverpool South	Riverside
Kirkby, Tower Hill, Bank Lane,	30/10/2017 19:51:04	42	Windscreen Smashed By Youths	Knowsley	Park Knowsley
Off/Childwall Valley Road, Belle Vale,	30/10/2017 21:26:20	17	Nearside Passenger Window Smashed By Brick	Liverpool South	Belle Vale
Carr Terrace, Prescot,	31/10/2017 20:34:04	40	Youths Throwing Stones At Vehicle Causing Small Scratch On Vehicle	Knowsley	Prescot East
Childwall Valley Road, Childwall,	03/11/2017 21:46:26	16	Green Laser Shone At Appliance	Liverpool South	Childwall
Fleetwood Gardens, Headbolt Lane, Kirkby	04/11/2017 14:13:11	42	Threatening Behaviour From Youth	Knowsley	Shevington
Pluckington Road, Helston Green, Huyton,	05/11/2017 20:50:21	40	Youths Throwing Wheelie Bins Onto Bonfire Close To Property	Knowsley	St Michaels Knowsley
Scarisbrick Road, Norris Green	06/11/2017 17:54:27	19	Youths Throwing Stones At Appliance From Loop Line,	Liverpool North	Clubmoor

9. The table below provides a comparison against a 10 year average. 2017 has also ceased the rise in trajectory of incidents from 2013.



10. 143 Target Hardening visits were completed by Arson Officers, during the 2017 period, 2 of which were victims of Hate Crime.

11. 124 Fly Tipping reports were submitted by operational crews.

12. Working with partners, crews and advocates delivered bonfire presentations to school children across Merseyside.

13. Crews visited 54 locations to complete post bonfire sweeps on the morning of 6th November.

14. The new plan for 2018 is to complete a tipper truck sweep, whereby tipper trucks will attend locations of smouldering bonfires after fire crews have attended and remove any remaining debris.

Breakdown by Local Authority

15. The table below provides a breakdown of incidents attended by Local Authority area. The table identifies that all districts saw decreases of varying degrees.

Comparison against 2016				
District	2017	2016	Difference	% Difference
Knowsley	57	80	-23	-28.8%
Liverpool	189	252	-63	-25.0%
Liverpool North	*101*	*156*	*-55*	*-35.3%*
Liverpool South	*88*	*96*	*-8*	*-8.3%*
Sefton	44	91	-47	-51.6%
St Helens	45	59	-14	-23.7%
Wirral	57	97	-40	-41.2%
Grand Total	392	579	-187	-32.3%

16. The table below provides a breakdown of all violence at work incidents reported during the period by Local Authority Area.

Address	Call Date	Station	Details	District	Ward
Coronation Park, St Lukes Road, Crosby,	23/10/2017 19:33:00	31	Children's Play Area - Group Of Youths	Sefton	Victoria
Toxteth Street, Dingle,	25/10/2017 19:43:52	15	Group Of Approx 15 - 20 Youths Threw Stones At Crew, No Injuries To Crew	Liverpool South	Riverside
Kirkby, Tower Hill, Bank Lane,	30/10/2017 19:51:04	42	Windscreen Smashed By Youths	Knowsley	Park Knowsley
Off/Childwall Valley Road, Belle Vale,	30/10/2017 21:26:20	17	Nearside Passenger Window Smashed By Brick	Liverpool South	Belle Vale
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Pluckington Road, Helston Green, Huyton,	05/11/2017 20:50:21	40	Youths Throwing Wheelie Bins Onto Bonfire Close To Property	Knowsley	St Michaels Knowsley
Scarisbrick Road, Norris Green	06/11/2017 17:54:27	19	Youths Throwing Stones At Appliance From Loop Line,	Liverpool North	Clubmoor

17. Arson officers had ownership of their own plans and continued to run Multi agency campaigns throughout Bonfire period.

Date	Location	Location	HFSC's	Business Spoken to	SOFSA	Target Hardening/ High Risk	Fly Tipping	Leaflets Home	Leaflets Business
04/10/2017	North	Tuebrook & Stoneycroft Ward	26	0	0	2	0	317	0
04/10/2017	South	Speke	54	0	0	2	0	258	0
09/10/2017	St Helens	Kirkland Street area	30	0	0	2	2	190	0
17/10/2017	Knowsley	Northwood	59	1	0	0	8	91	0
19/10/2017	Wirral	Birkenhead & Tranmere	32	0	0	0	5	200	0
Total			**201**	**1**	**0**	**6**	**15**	**1056**	**0**

N.B. Due to demand on partners and Merseyside Police in Sefton, this campaign did not go ahead.

Equality and Diversity Implications

18. There is an established geographical correlation between the incidence of small anti-social fires and multiple indices of deprivation. By targeting these areas, we improve outcomes for people who suffer from socio-economic deprivation.

19. Fire control carried out a call handling assessment of each incident determining nature, severity and subsequent response. Once the risk assessment had taken place, all known small fires with no issues were queued.

20. Calls were constantly reviewed to ensure that those deemed to be of a higher priority were dealt with first.

21. One member of staff was nominated to continually review the call list and alert the mobilising officer when a number of calls were being received to the same area.

Staff Implications

22. The Trojan Unit was staffed on key nights with Merseyside Police, whilst Arson Teams undertook target hardening on a flexible working pattern. During the bonfire period, an out of hour's team was also in operation.

Legal Implications

23. MFRA is the enforcing authority for the Explosives Regulations 2014, which govern the storage of fireworks. Inspections of premises where fireworks were being stored have been conducted in line with the Regulations and the relevant enforcement guidelines.

Financial Implications & Value for Money

24. There are no financial implications arising from this report.

Risk Management, Health & Safety, and Environmental Implications

25. All storage of seized fireworks and disposal of collected waste material is completed in compliance with agreed policies and procedures.

Contribution to Our Mission: *Safer Stronger Communities – Safe Effective Firefighters*

26. Extensive Partnership working with Registered Social Landlords, Community Groups, Local Councillors, Private Commerce, other Emergency Services, Skip Companies, Probation Service and other local groups; along with the actions of Prevention teams and operational crews, combine to mitigate the negative effects of activity over the period on the community and firefighters.

BACKGROUND PAPERS

GLOSSARY OF TERMS

Appendix A



Summary Report for Incident Activity during 2017 Bonfire Period

AUDIENCE

AUTHORITY
STRATEGIC MANAGEMENT GROUP
TEAMS INVOLVED IN BONFIRE PLAN

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PREVENTION & PROTECTION DIRECTORATE
STRATEGY & PERFORMANCE DIRECTORATE

Document Control

Amendment History

Version / Issue No.	Date	Author(s)	Remarks / Reason for Change
1.0		R Hanson	

Sign-Off List

Name	Position
DCFO Garrigan	Deputy Chief Fire Officer
Deb Appleton	Director of Strategy & Performance
AM Keen	Director of Prevention & Protection
GM Ryder	Group Manager – Prevention
SM Kay	Station Manager - Prevention
Jo Henderson	District Prevention Manager – Arson Team
Mike Buratti	T/District Prevention Manager – Arson Team
John Fielding	Business Intelligence Manager

Distribution List

Name	Position	I / R
Authority		
Strategic Management Group		
Bonfire Planning Team		

Related Documents

Reference No.	Title	Author	Version & Date
1.0	Bonfire Report v1.1	R Hanson	08/12/2016

Ownership

Has it been agreed with the client that this is a publicly owned document?

Yes/~~No~~

If Yes please state URL: http://www.merseyfire.gov.uk

If No please state reason why:

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Agreement

For the purpose of this report the following agreement was made between the client and the Strategy & Performance Directorate.

This work was requested by Area Manager Guy Keen and received November 2017.

The Manager[1] has approved this report/ piece of work can be undertaken by the Strategy & Performance Directorate.

If the scope of the work changes, authorisation must be again obtained and would be noted within the version control document sheet.

It was agreed that this report would be produced in draft format by December, and would be sent electronically to the Director of Strategy & Performance and Client for comment.

The Manager / Client agreed that their comments would be received back by December 2017. The final report, which will always be in PDF format, would be produced by December 2017, subject to receiving comments.

[1] Deb Appleton

Summary

This report provides a summary analysis of deliberate secondary fires and incidents of violence at work across Merseyside during the 2017 Bonfire Period, with a comparison against previous years. For the purpose of this report, the Bonfire Period is defined as the 19th October – 7th November.
The headlines from this report can be summarised as follows:

- Between the 2016 (579 incidents) and 2017 (392 incidents) bonfire periods there has been a reduction of 187 incidents or -32.3%.
- All districts saw decreases across the period, with the sub-district of Liverpool North having the largest decrease of 55 incidents, followed by Sefton with 47 fewer incidents. The other districts saw reductions of 40 in Wirral, 23 in Knowsley, 14 in St Helens and 8 in Liverpool South.
- Sefton saw the lowest number of incidents with 44 incidents attended. When aggregated proportionally to incidents per 10,000 population - Sefton had proportionally the fewest incidents with 1.6. Knowsley and Liverpool had the highest proportion of 3.9 incidents.
- The top wards for incidents attended were: Birkenhead & Tranmere (Wirral), Cressington (Liverpool South), Everton (Liverpool North), Picton (Liverpool South) and Seacombe (Wirral) all with 14 incidents.
- Concerning incidents attended by station area, 14-Speke/Garston, 15-Toxteth and 19-Croxteth had the greatest number of incidents attended with 37, 34 and 33 respectively.
- Concerning increases and decreases, 14-Speke/Garston had the greatest increase of incidents during 2017 with 13. 20-Birkenhead saw the largest decrease with 22 fewer incidents.
- There were 9 incidents of violence at work during the 2017 bonfire period, 1 less than in 2016.

Introduction

Traditionally the bonfire period leads to heightened numbers of incidents, specifically deliberate secondary fires and violence at work. This report presents an analysis of incidents during the 2017 Bonfire Period in Merseyside, contrasted with the 2016 period as well as historical retrospectives.

For the purpose of this report the bonfire period covers the following time frame: 19th October to 7th November, allowing for a direct date-to-date comparison.

Methodology

To identify and analyse any trends in incidents during the Bonfire Period of 2017 the following methodologies were followed:

- The period of analysis covered from 00:00:00hrs on 19th October to 23:59:59hrs on 7th November.
- Fire related incidents analysed within this report are all deliberate secondary fires[2] as recorded by MF&RS mobilisation system “Vision”. Instances of Violence at Work have been collected from the OSHENS Health and Safety reporting system.

[2] Deliberate secondary fires are based on FSEC (Fire Service Emergency Cover). Incident codes include: 04 01 – Derelict Building, 04 02 – Grassland, 04 03 – Bonfires, 04 04 – Outdoor Structure, 04 05 – Refuse, 04 06 – Derelict Vehicle.

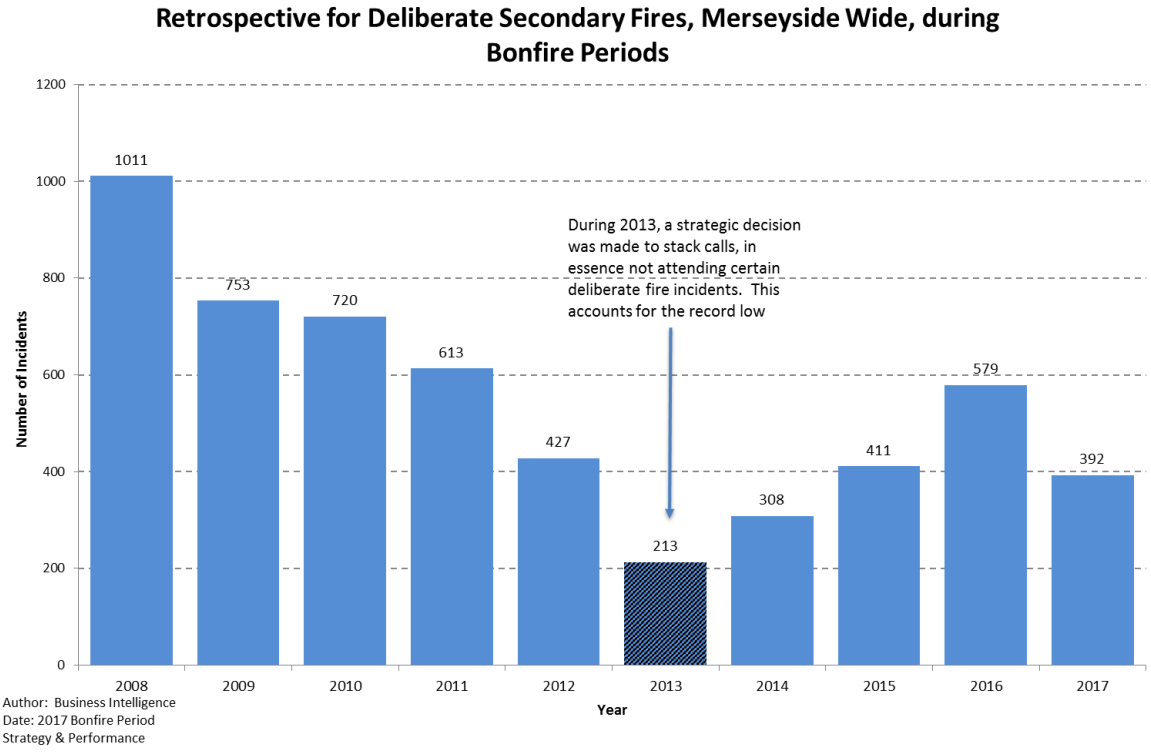
- Deprivation data used within this report is based on Indices of Multiple Deprivation 2015[3] (obtained from Department for Communities and Local Government).
- Population figures are based on mid-2015 and 2016 population estimates published by Office for National Statistics[4]
- The analytical tools adopted in this report include:
  - MapInfo 11 Mapping Software – used to identify hotspot areas for incidents and used to filter data according to district and ward level.
  - Crystal Reports – utilised to extract raw data and information from the Vision mobilising system.
  - Excel 2013 – used to analyse raw data.

It should be noted that the majority of analysis contained within this report will be presented at the Merseyside level. Six additional local authority appendices supplement this main report, (section 6).

Results

Retrospective Analysis

Chart 1: 10 Year retrospective analysis of deliberate secondary fires between 2008 and 2017 bonfire periods



[3] Uses IMD 2015 to create a localised deprivation index, in essence grouping deprivation into 10 equal 10% bands, ranging from most deprived to least deprived

[4] Liverpool is divided into Liverpool North and Liverpool South.
Liverpool North is comprised of the following wards: Anfield, Central, Clubmoor, County, Croxteth, Everton, Fazakerley, Kensington and Fairfield, Kirkdale, Knotty Ash, Norris Green, Old Swan, Tuebrook and Stoneycroft, Warbreck, West Derby and Yew Tree
Liverpool South is comprised of the following wards: Allerton and Hunts Cross, Belle Vale, Childwall, Church, Cressington, Greenbank, Mossley Hill, Picton, Princes Park, Riverside, Speke-Garston, St Michaels, Wavertree, Woolton

Chart 1 identifies that the number of incidents attended by Merseyside Fire and Rescue Service was 392 during the 2017 bonfire period. This is a reduction of 187 incidents (-32.3%) from 2016.

When this is compared historically to the 2008 period there has been an overall reduction of 619 incidents (-61.2%).

Although the overall number of incidents has reduced since 2008, 2017 is the first year since 2013 to see a reduction, therefore breaking the upward trend.

Incident Breakdown

Table 1: Breakdown of incident types attended during 2016 and 2017 bonfire period

Incident Type	2016	2017	Change	% Change
04 01 Derelict Building	6	2	**-4**	**-66.7%**
04 02 Grassland	45	20	**-25**	**-55.6%**
04 03 Intentional Burning / Bonfire	166	105	**-61**	**-36.7%**
04 04 Outdoor Structure	20	10	**-10**	**-50.0%**
04 05 Refuse Fire	341	255	**-86**	**-25.2%**
04 06 Derelict Vehicle	1	0	**-1**	**-100.0%**
Grand Total	**579**	**392**	**-187**	**-32.3%**

Table 1 identifies that the vast majority of deliberate secondary fires attended during the 2017 bonfire period were "04 05 Refuse Fires" with 255 incidents – accounting for 65.1% of total incidents. This is slightly higher than 2016, where the proportion was 58.9%.

The incident sub type to see the largest reduction (by number, not percentage) was "04 05 Refuse Fires", with a decrease of 86 incidents or -25.2%, this was followed by "04 03 Intentional Burning/Bonfire" with 61 (-36.7%).

Location Analysis

Table 2: Comparison of incidents attended by district, between 2016 and 2017 bonfire periods (*with incidents per 10,000 population*)[5]

District	2016	2017	Change	% Change
Knowsley	80 (5.4)	57 (3.9)	**-23 (-1.6)**	**-28.8%**
Liverpool	252 (5.3)	189 (3.9)	**-63 (-1.4)**	**-25.0%**
Liverpool North	156	101	**-55**	**-35.3%**
Liverpool South	96	88	**-8**	**-8.3%**
Sefton	91 (3.3)	44 (1.6)	**-47 (-1.7)**	**-51.6%**
St Helens	59 (3.3)	45 (2.5)	**-14 (-0.8)**	**-23.7%**
Wirral	97 (3.0)	57 (1.8)	**-40 (-1.3)**	**-41.2%**
Grand Total	**579 (4.1)**	**392 (2.8)**	**-187 (-1.4)**	**-32.3%**

Table 2 provides a breakdown of incidents attended by district. The table identifies that all districts saw decreases of varying degrees, Liverpool's combined total was 63 fewer incidents (-25.0%), followed by Sefton with a decrease of 47 incidents (-51.6%). St Helens had the smallest reduction with 14 incidents (-23.7%), followed by Knowsley

[5] Mid 2016 ward population data has not been released at the time of writing this report and the proportion has been rounded to the nearest 10th.

with 23 (-28.8%) and Wirral with 40 (-41.2%). Liverpool's split was 55 in the North and 8 in the South.

When aggregated to incidents per 10,000 population; Sefton had the fewest incidents during 2017 with 1.6 incidents per 10,000 population, Liverpool and Knowsley have the greatest amount with 3.9 per 10,000 population.

Table 3: Top ten wards for deliberate secondary fires during 2017 bonfire period[6]

Rank	Ward	District	2017	2016	Change	% Change
=1	Cressington	Liverpool South	14	5	9	180.0%
=1	Picton	Liverpool South	14	9	5	55.6%
=1	Seacombe	Wirral	14	13	1	7.7%
=1	Everton	Liverpool North	14	15	-1	-6.7%
=1	Birkenhead & Tranmere	Wirral	14	21	-7	-33.3%
6	Riverside	Liverpool South	13	17	-4	-23.5%
=7	Linacre	Sefton	12	10	2	20.0%
=7	Croxteth	Liverpool North	12	20	-8	-40.0%
=9	Clubmoor	Liverpool North	11	7	4	57.1%
=9	Speke-Garston	Liverpool South	11	14	-3	-21.4%

Table 3 provides the top 10 wards for deliberate secondary fires during the 2017 bonfire period, compared against 2016. The table identifies that: Cressington; Picton; Seacombe; Everton and Birkenhead & Tranmere had the greatest number of incidents with 14.

The table shows that Liverpool South had 4 wards in the top 10 followed by Liverpool North (3), Wirral (2) and Sefton (1).

When compared against the previous year, Cressington has seen a 180% increase (9 incidents) while Birkenhead & Tranmere has seen a 33.3% reduction (-7 incidents).

[6] Table 4 is ordered by the increase in the number of incidents seen

Chart 2: Comparison of incidents attended by station area

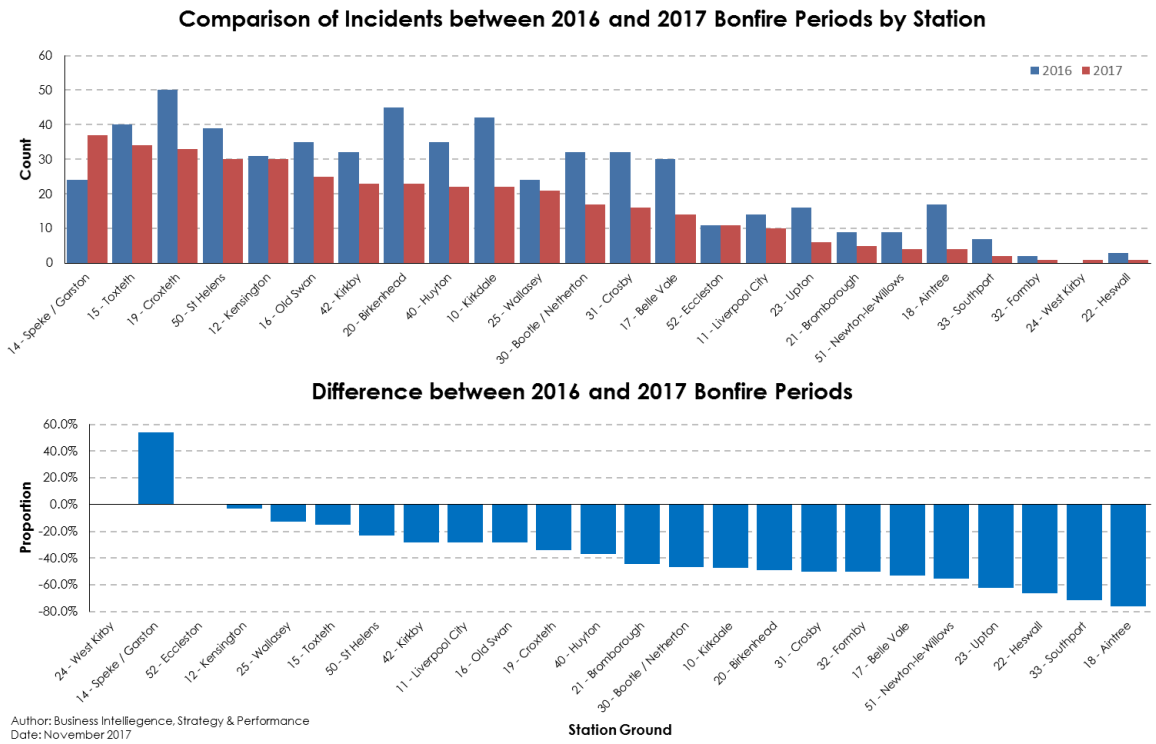


Chart 2 identifies that 2 station areas had increases in activity during the 2017 bonfire period with 14 - Speke/Garston and 24 - West Kirby having increases of **13** and **1** respectively.

Concerning reductions; the stations to see the largest reductions in incidents were: 20 - Birkenhead (**22**), 10 - Kirkdale (**20**), 19 - Croxteth (**17**), 17 - Belle Vale and 31 - Crosby (both **16**) and 30 - Bootle & Netherton (**15**).

Violence at Work

Table 4: Overall counts of Violence at Work by district since 2013

District	2013	2014	2015	2016	2017
Knowsley	1	2	0	3	4
Liverpool	0	5	3	3	4
Liverpool North	*0*	*3*	*2*	*3*	*1*
Liverpool South	*0*	*2*	*1*	*0*	*3*
Sefton	1	1	0	2	1
St Helens	0	2	0	0	0
Wirral	0	0	3	2	0
Grand Total	**2**	**10**	**6**	**10**	**9**

During the 2017 bonfire period there were 9 incidents of violence at work; 1 less than during 2016. When taking the full five year date range into consideration; the count of violence at work incidents does fluctuate and therefore is difficult to reach a conclusion as there is little to no consistency.

It should be noted that though violence at work incidents are an unwanted aspect of the fire fighter role / advocate role, it is imperative that all occurrences are reported as this

intelligence allows partner organisations to target areas of risk as well as feeds into risk assessing areas where crews and advocate teams could be working in future.

Table 5: Details of Violence at Work during 2017 bonfire period

Address	Call Date	Station	Details	District	Ward
Coronation Park, St Lukes Road, Crosby,	23/10/2017 19:33:00	31	Children's Play Area - Group Of Youths	Sefton	Victoria
Toxteth Street, Dingle,	25/10/2017 19:43:52	15	Group Of Approx 15 - 20 Youths Threw Stones At Crew, No Injuries To Crew	Liverpool South	Riverside
Kirkby, Tower Hill, Bank Lane,	30/10/2017 19:51:04	42	Windscreen Smashed By Youths	Knowsley	Park Knowsley
Off/Childwall Valley Road, Belle Vale,	30/10/2017 21:26:20	17	Nearside Passenger Window Smashed By Brick	Liverpool South	Belle Vale
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Fleetwood Gardens, Headbolt Lane, Kirkby	04/11/2017 14:13:11	42	Threatening Behaviour From Youth	Knowsley	Shevington
Pluckington Road, Helston Green, Huyton,	05/11/2017 20:50:21	40	Youths Throwing Wheelie Bins Onto Bonfire Close To Property	Knowsley	St Michaels Knowsley
Scarisbrick Road, Norris Green	06/11/2017 17:54:27	19	Youths Throwing Stones At Appliance From Loop Line,	Liverpool North	Clubmoor

5.5 Deprivation Analysis

Chart 3: Deprivation Analysis during the 2016 Bonfire Period[7]

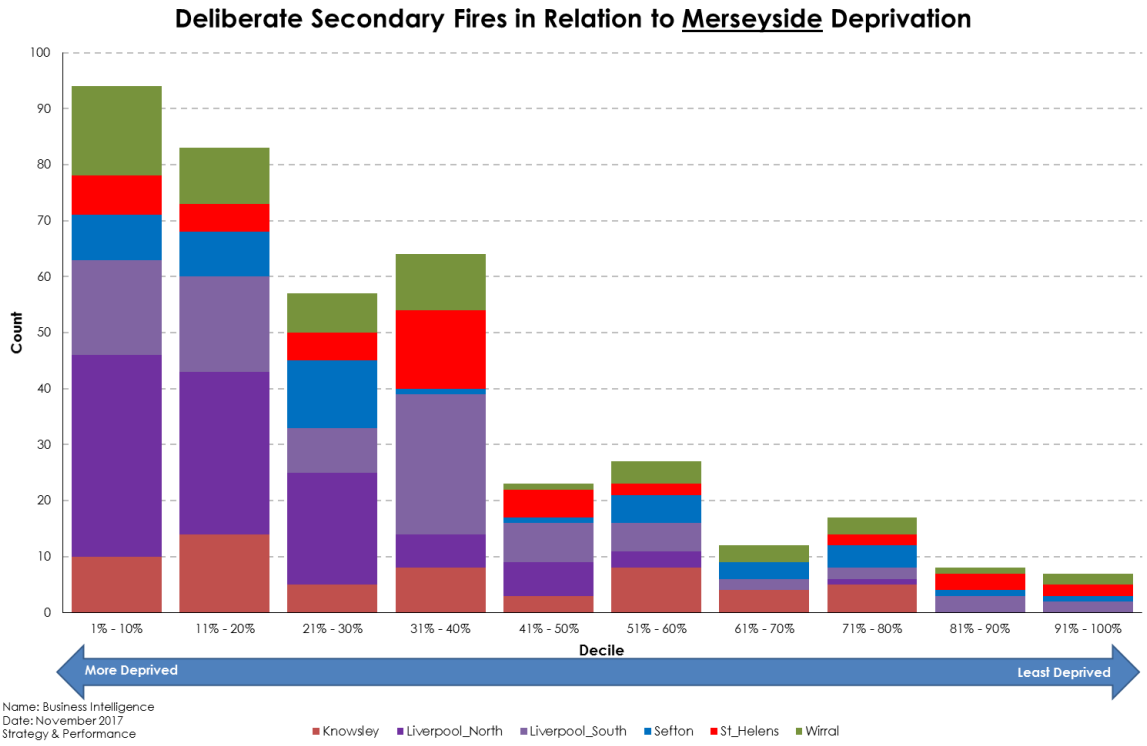


Chart 3 graphically illustrates the link between deliberate secondary fire incidents and levels of deprivation. The chart clearly identifies that more deliberate fire incidents

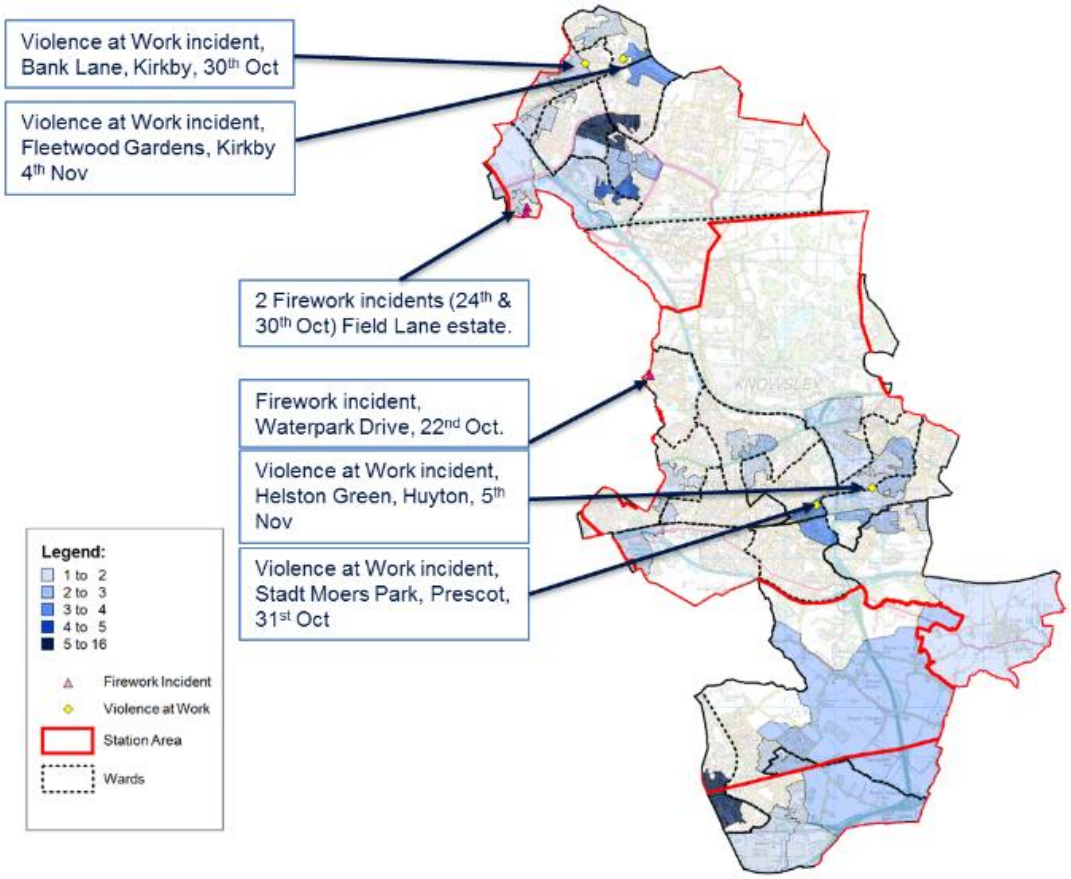
[7] The chart axis runs from 0-10% which represents the most deprived areas of Merseyside and 90-100% which represents the least deprived

occur in areas of high deprivation as opposed to areas of where there is least deprivation.

Appendices

The following appendices include: a temporal analysis by day and hour with mapping including brief breakdowns of incidents attended by district, identifying hotspot areas and incidents of note.

Map 1: Geographical Breakdown of Incidents in Knowsley



Ward	#
Cherryfield	6
Kirkby Central	6
Halewood West	5
Prescot East	4
St Michaels	4
Whiston South	4
Halewood South	4
Park	4
Whiston North	3
Whitefield	3
Longview	3
Halewood North	3
Northwood	2
Shevington	2
St Bartholomews	1
Page Moss	1
Roby	1
Prescot West	1
Total	57

Author: J Fielding
Date: 08/11/2017
Produced using MapInfo
Strategy & Performance

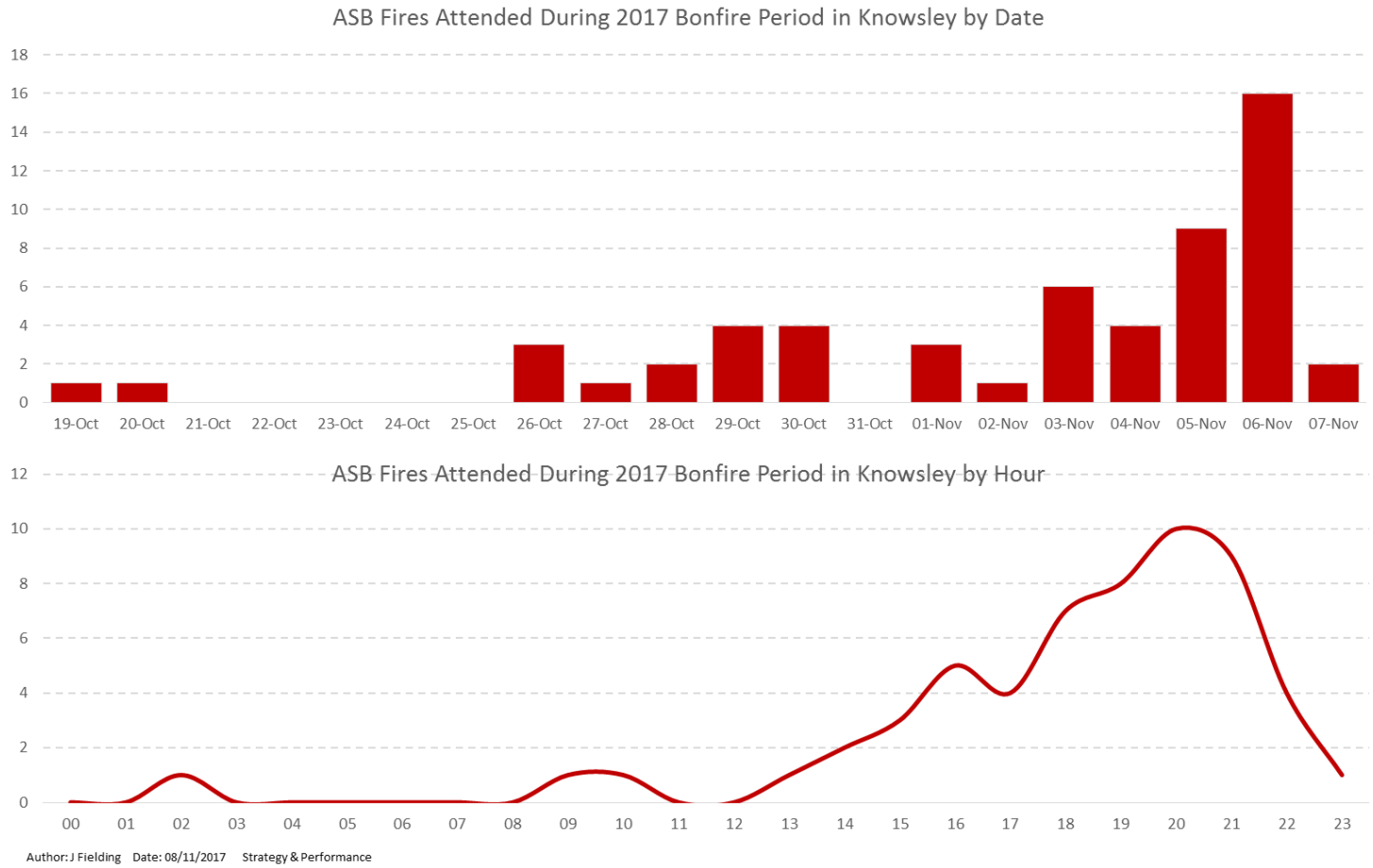
Map Reference:

Concentrations of Deliberate Secondary Fires in Knowsley by SOA Between 19th October - 7th November 2017

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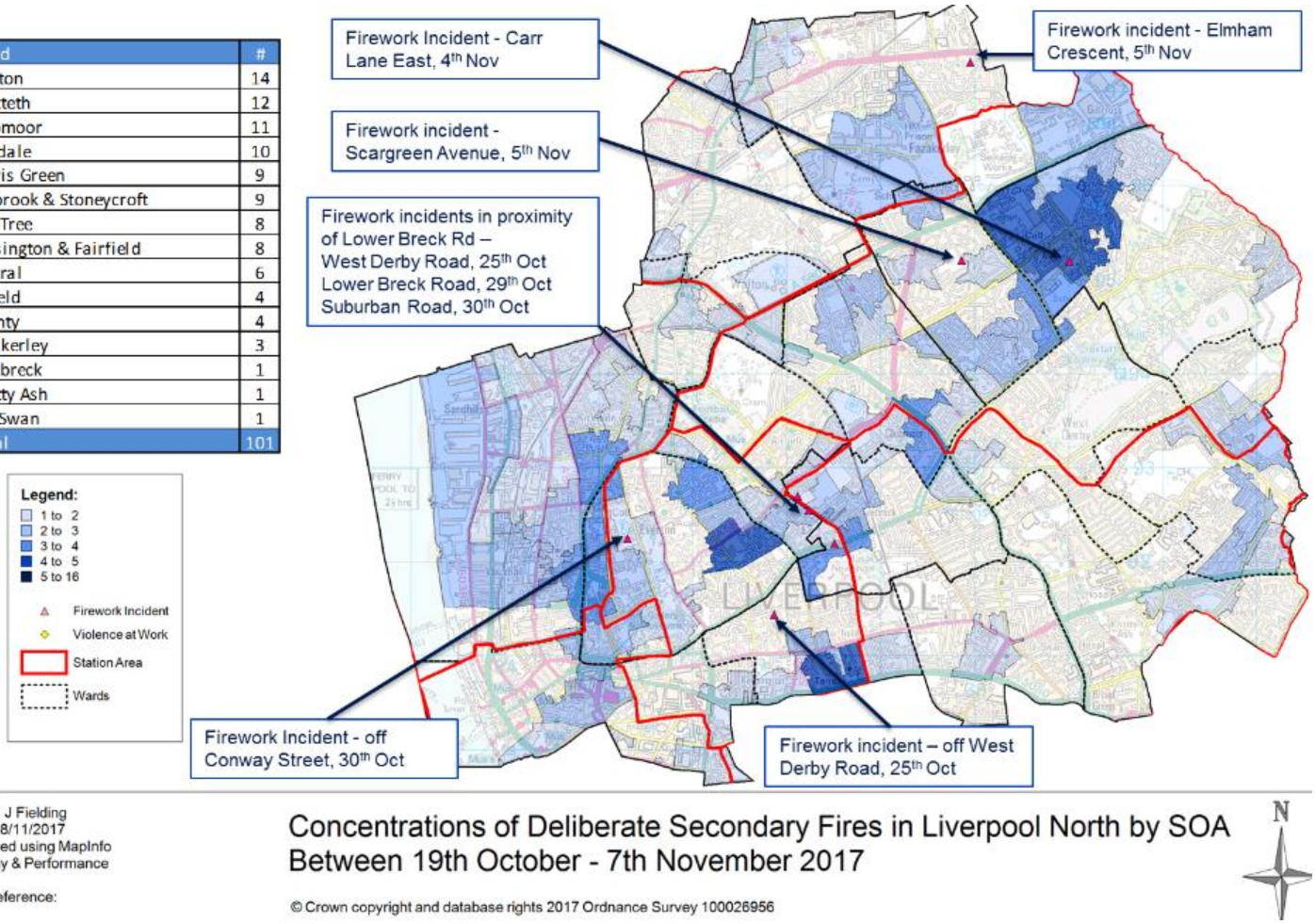
Chart 4: Temporal Breakdown of Incidents in Knowsley



Author: J Fielding Date: 08/11/2017 Strategy & Performance

Map 2: Geographical Breakdown of Incidents in Liverpool North

Ward	#
Everton	14
Croxteth	12
Clubmoor	11
Kirkdale	10
Norris Green	9
Tuebrook & Stoneycroft	9
Yew Tree	8
Kensington & Fairfield	8
Central	6
Anfield	4
County	4
Fazakerley	3
Warbreck	1
Knotty Ash	1
Old Swan	1
Total	101



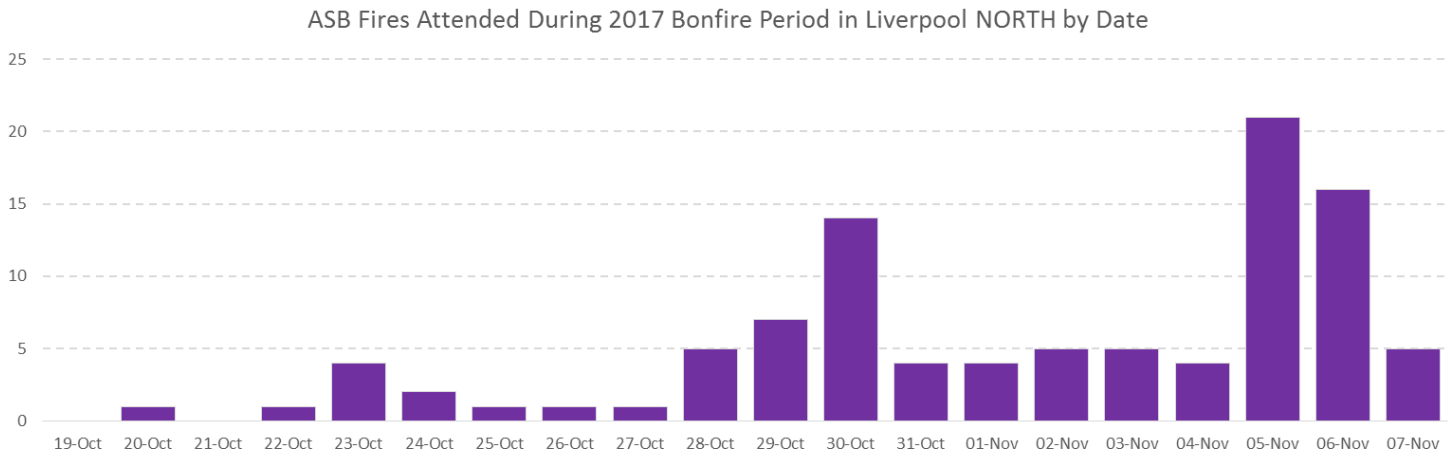
Author: J Fielding
Date: 08/11/2017
Produced using MapInfo
Strategy & Performance

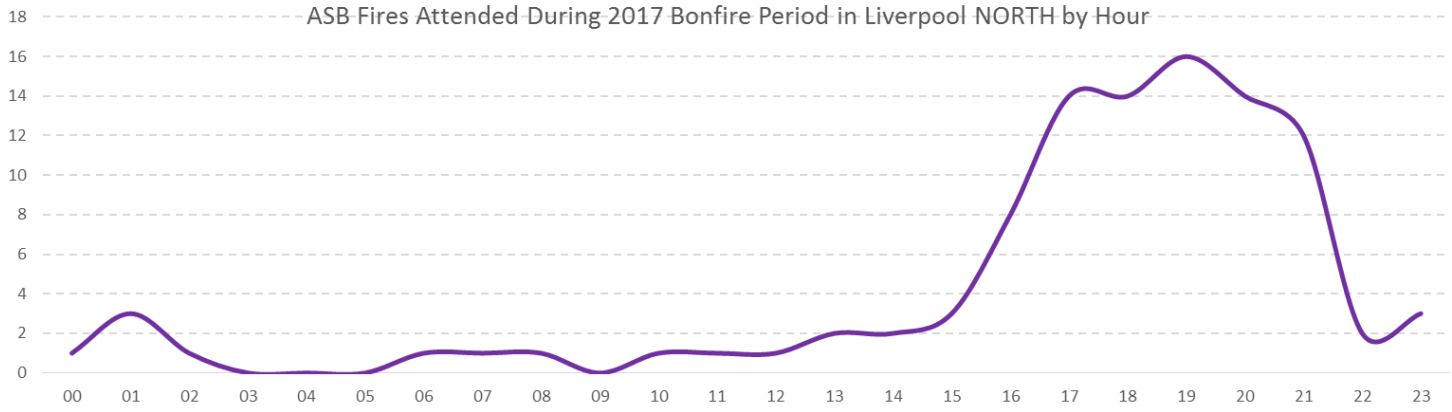
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Concentrations of Deliberate Secondary Fires in Liverpool North by SOA
Between 19th October - 7th November 2017

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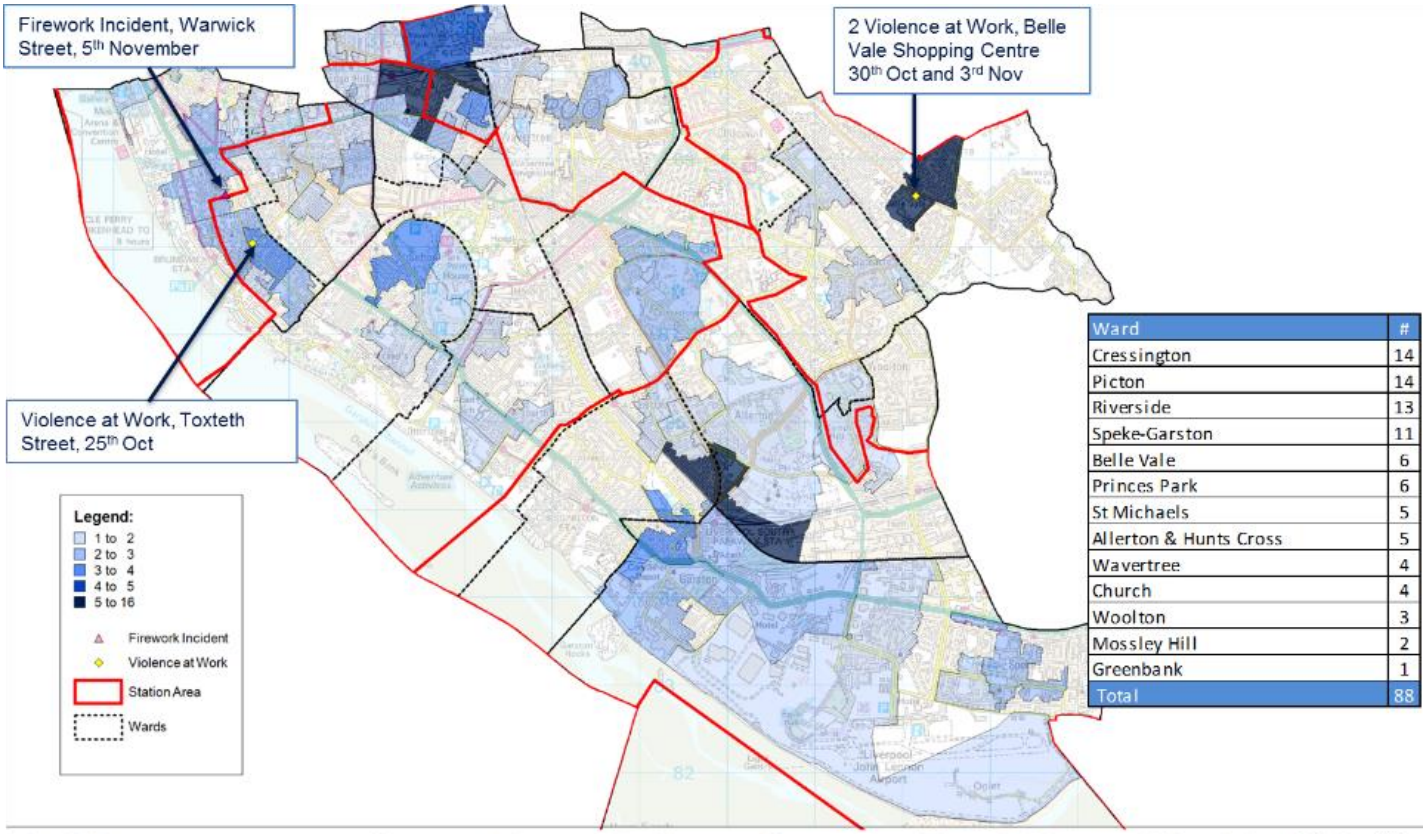
Chart 5: Temporal Breakdown of Incidents in Liverpool North





Author: J Fielding Date: 08/11/2017 Strategy & Performance

Map 3: Geographical Breakdown of Incidents in Liverpool South



Ward	#
Cressington	14
Picton	14
Riverside	13
Speke-Garston	11
Belle Vale	6
Princes Park	6
St Michaels	5
Allerton & Hunts Cross	5
Wavertree	4
Church	4
Woolton	3
Mossley Hill	2
Greenbank	1
Total	88

Author: J Fielding
Date: 08/11/2017
Produced using MapInfo
Strategy & Performance

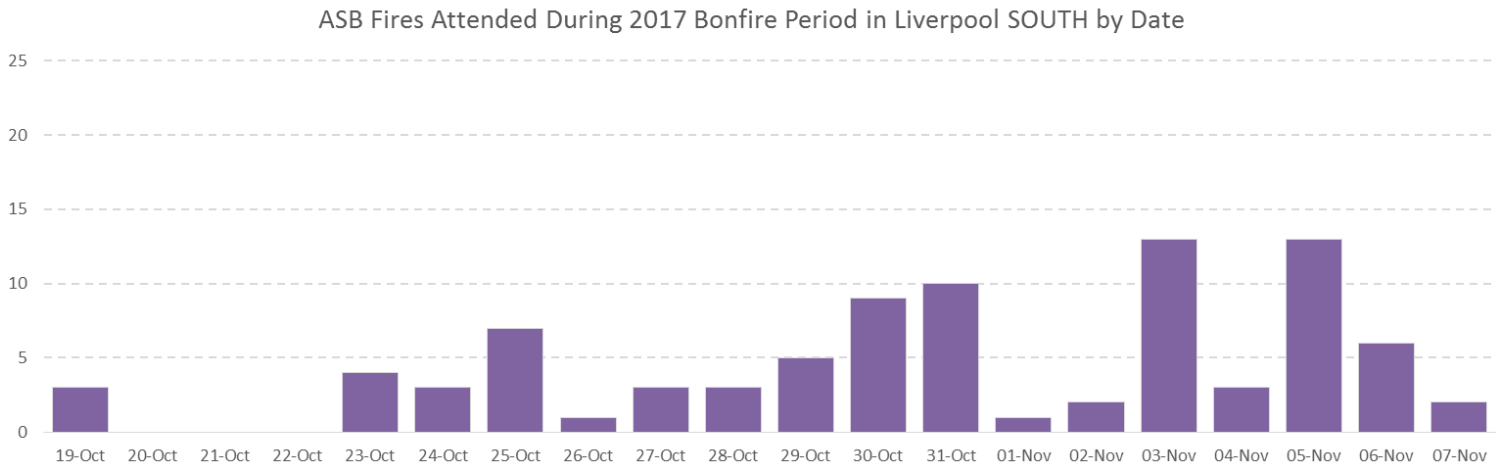
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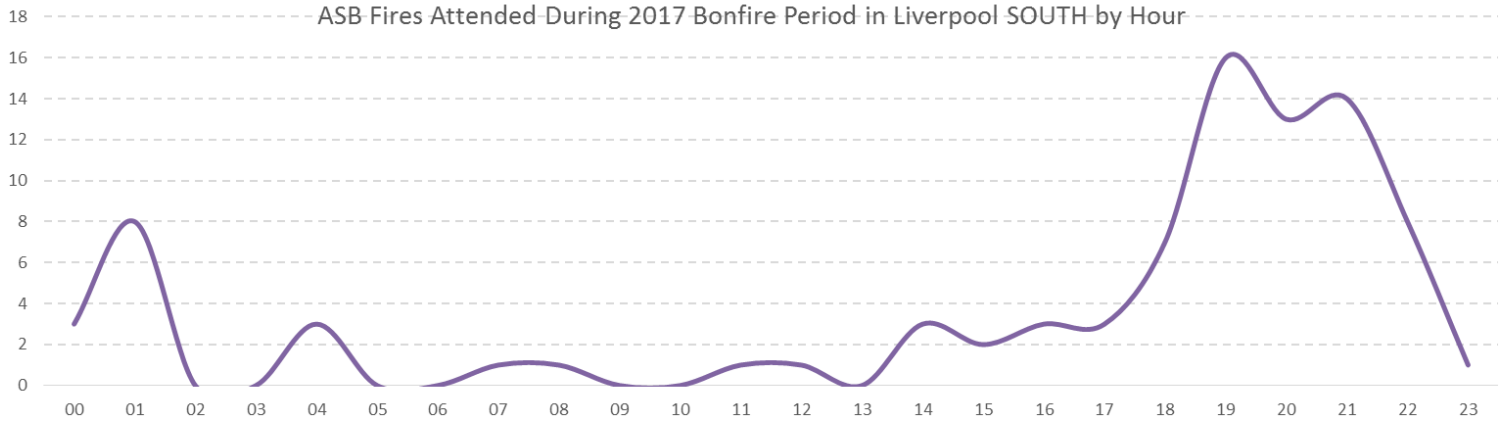
Concentrations of Deliberate Secondary Fires in Liverpool South by SOA
Between 19th October - 7th November 2017

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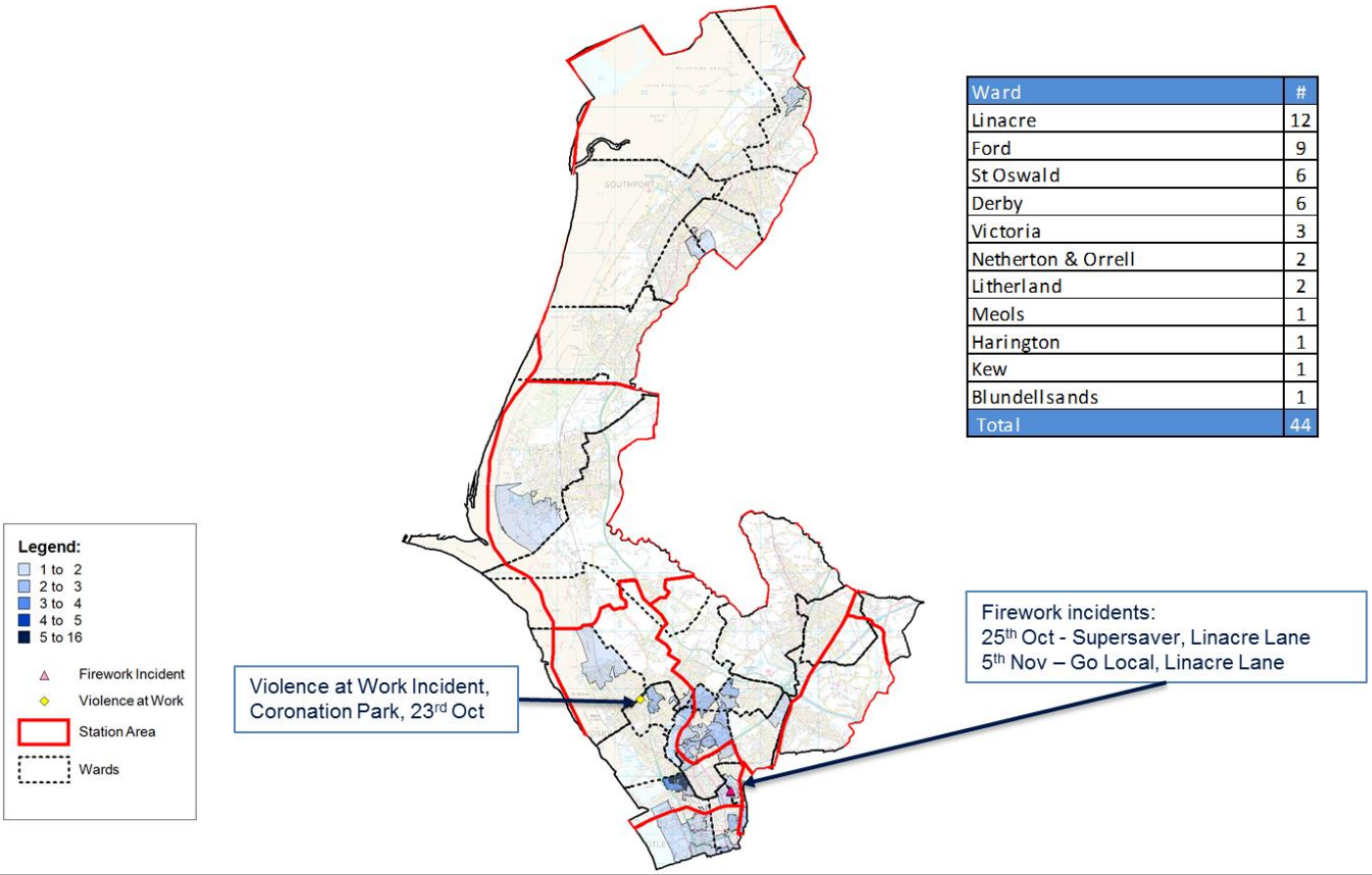
Chart 6: Temporal Breakdown of Incidents in Liverpool South





Author: J Fielding Date: 08/11/2017 Strategy & Performance

Map 4: Geographical Breakdown of Incidents in Sefton



Ward	#
Linacre	12
Ford	9
St Oswald	6
Derby	6
Victoria	3
Netherton & Orrell	2
Litherland	2
Meols	1
Harington	1
Kew	1
Blundellsands	1
Total	44

Author: J Fielding
Date: 08/11/2017
Produced using MapInfo
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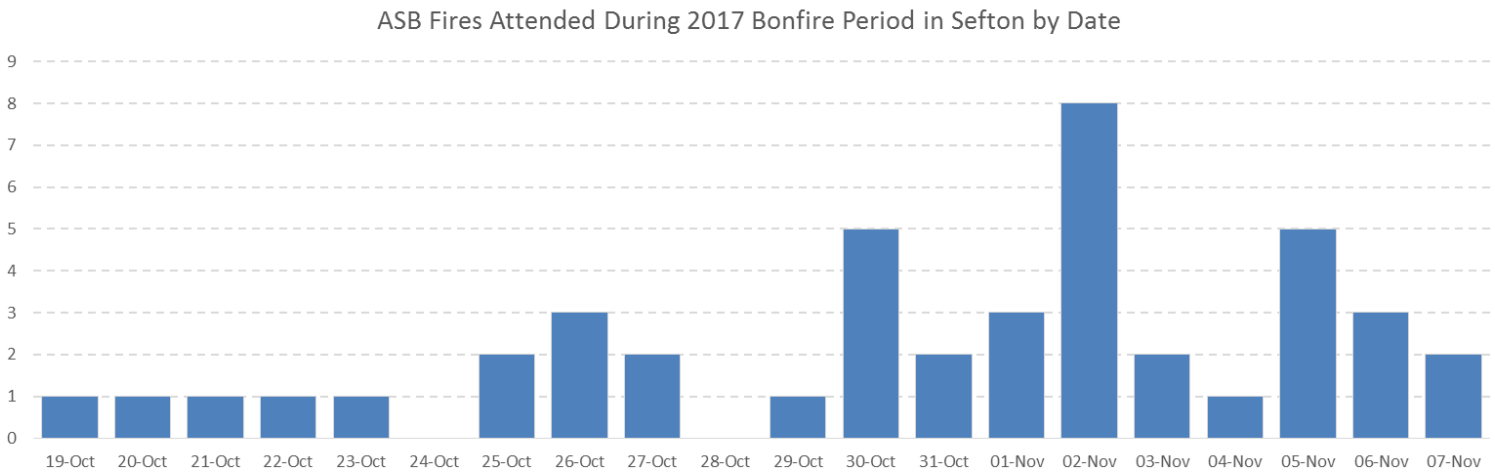
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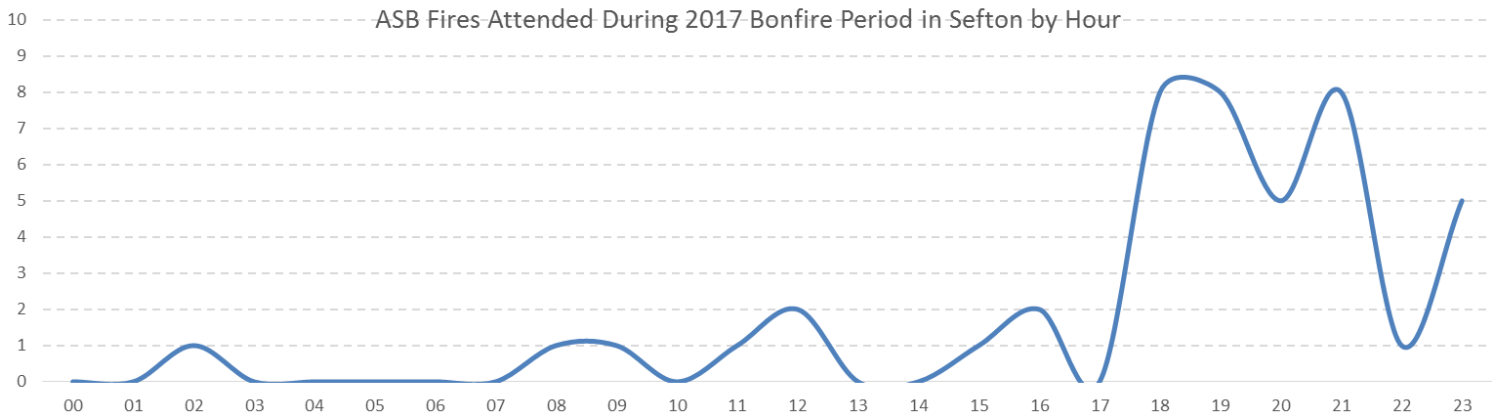
Concentrations of Deliberate Secondary Fires in Sefton by SOA
Between 19th October - 7th November 2017

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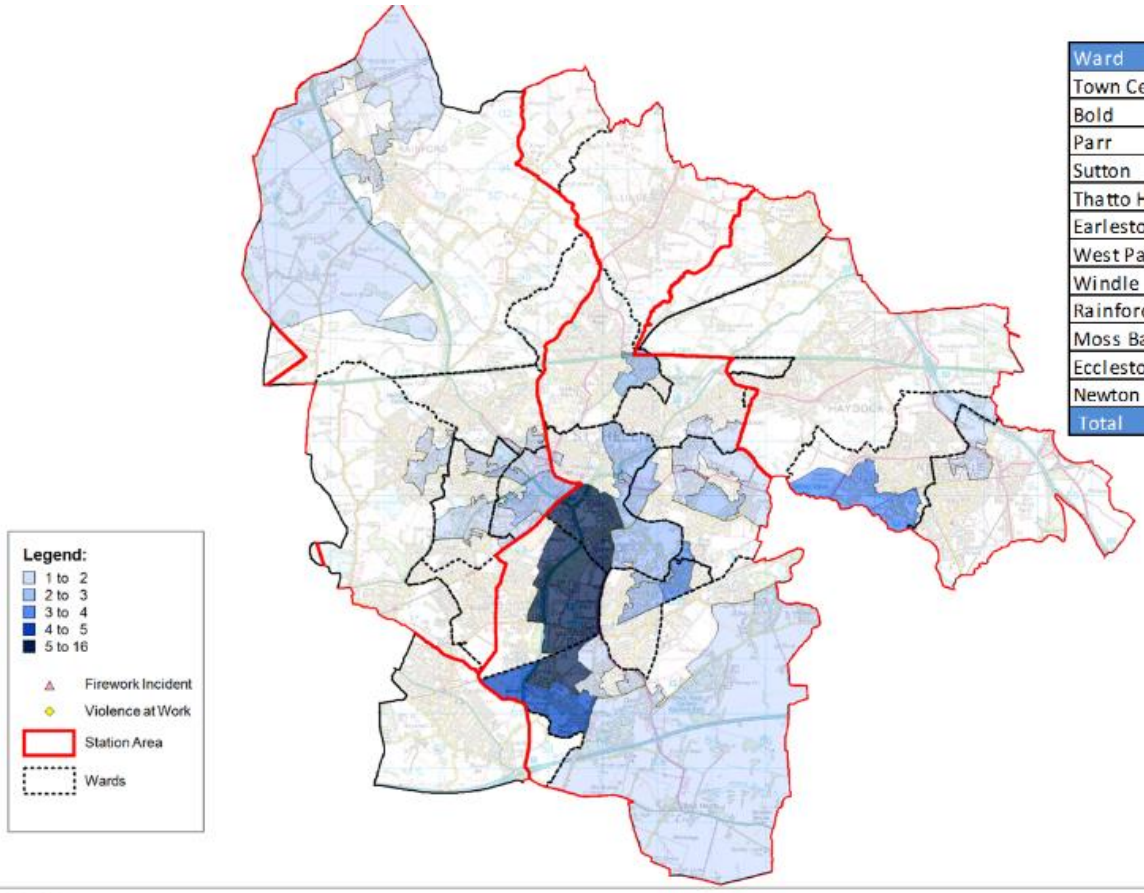
Chart 7: Temporal Breakdown of Incidents in Sefton





Author: J Fielding Date: 08/11/2017 Strategy & Performance

Map 5: Geographical Breakdown of Incidents in St Helens



Ward	#
Town Centre	10
Bold	7
Parr	7
Sutton	5
Thatto Heath	3
Earlestown	3
West Park	2
Windle	2
Rainford	2
Moss Bank	2
Eccleston	1
Newton	1
Total	45

Author: J Fielding
Date: 08/11/2017
Produced using MapInfo
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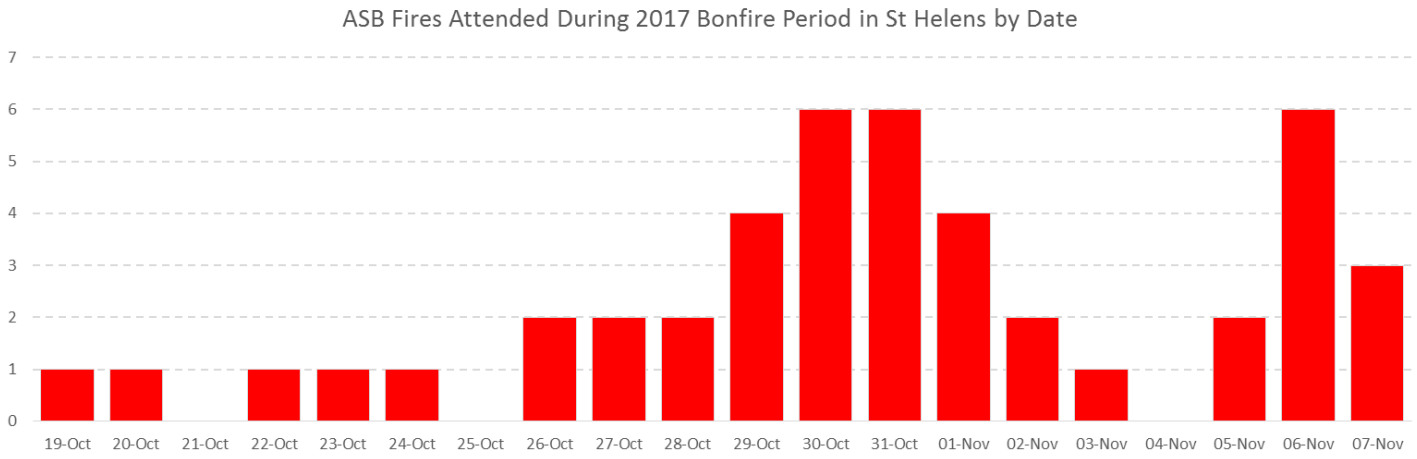
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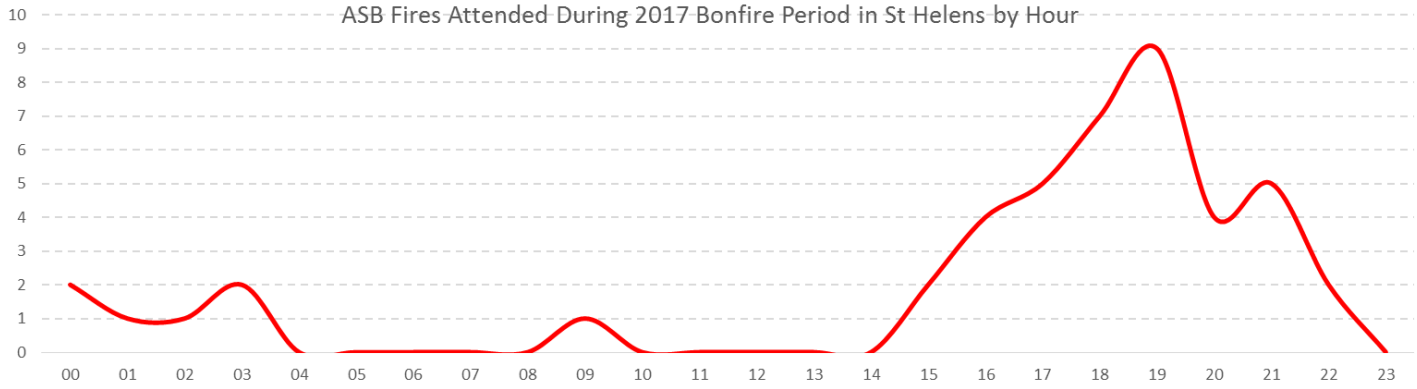
Concentrations of Deliberate Secondary Fires in St Helens by SOA
Between 19th October - 7th November 2017

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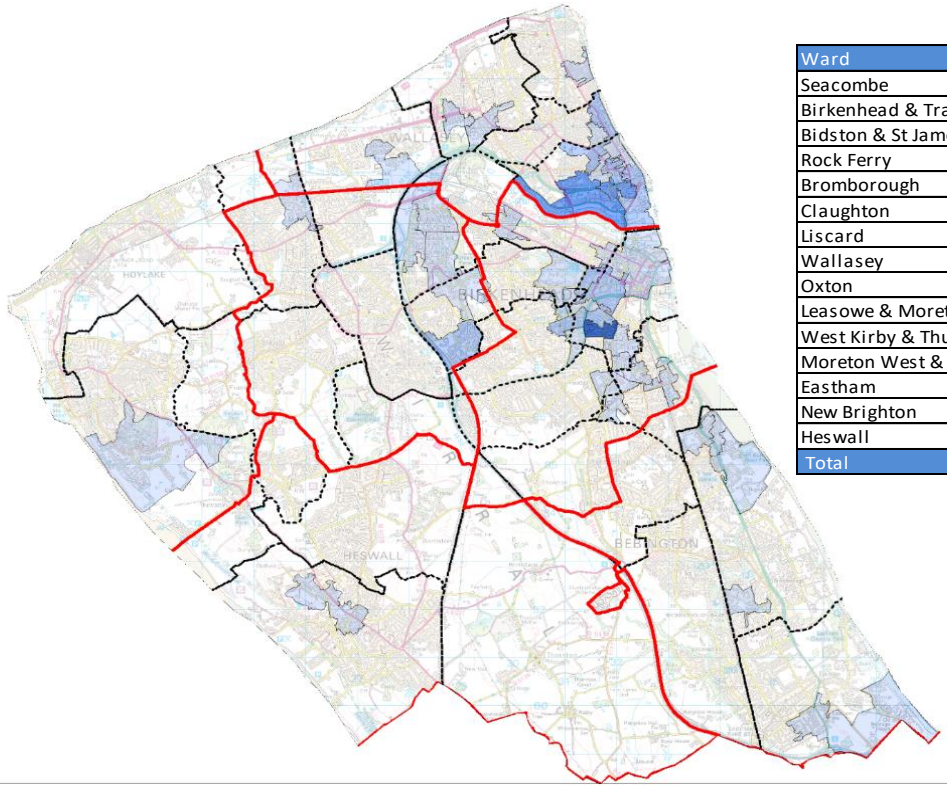
Chart 8: Temporal Breakdown of Incidents in St Helens





Author: J Fielding Date: 08/11/2017 Strategy & Performance

Map 6: Geographical Breakdown of Incidents in Wirral



Ward	#
Seacombe	14
Birkenhead & Tranmere	14
Bidston & St James	5
Rock Ferry	4
Bromborough	4
Claughton	3
Liscard	3
Wallasey	2
Oxton	2
Leasowe & Moreton East	1
West Kirby & Thurstaston	1
Moreton West & Saughall Massie	1
Eastham	1
New Brighton	1
Heswall	1
Total	57

Legend:
- 1 to 2
- 2 to 3
- 3 to 4
- 4 to 5
- 5 to 16
- Firework Incident
- Violence at Work
- Station Area
- Wards

Author: J Fielding
Date: 08/11/2017
Produced using MapInfo
Strategy & Performance

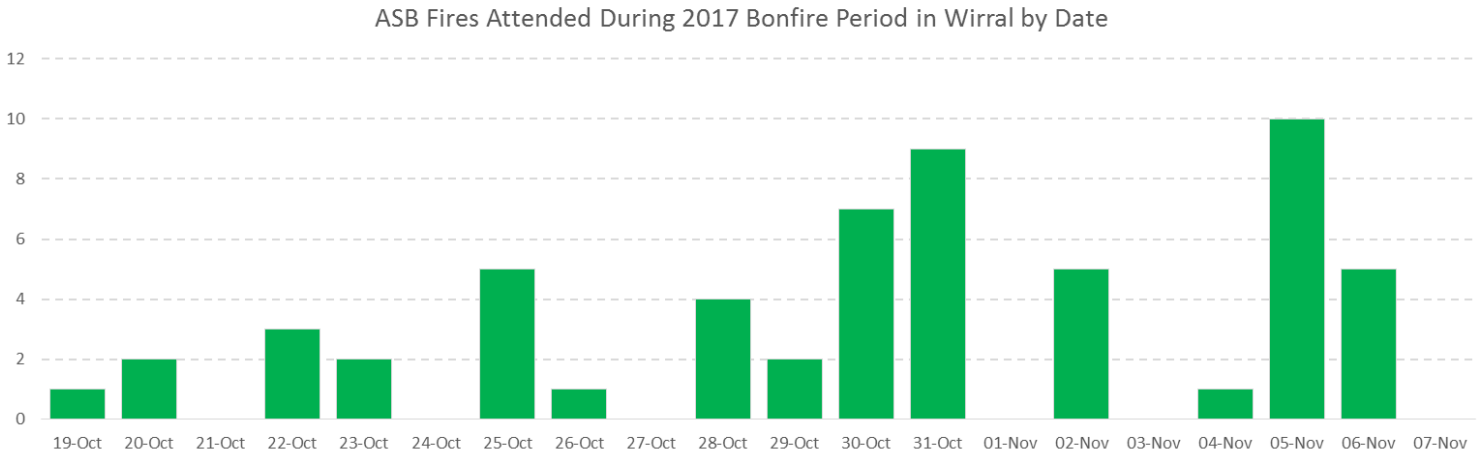
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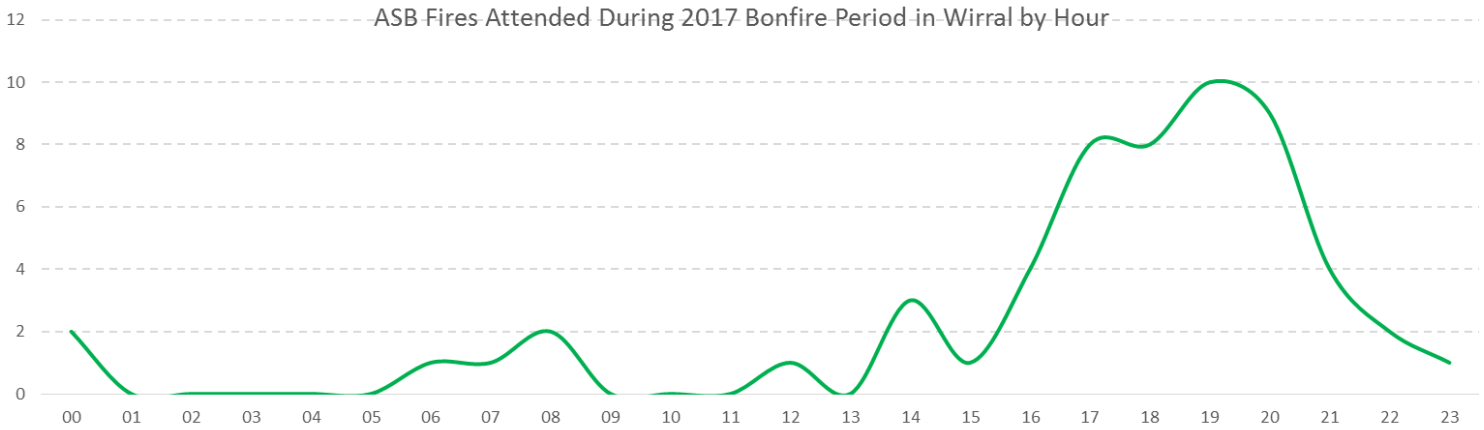
Concentrations of Deliberate Secondary Fires in Wirral by SOA Between 19th October - 7th November 2017

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N

Chart 9: Temporal Breakdown of Incidents in Wirral





Author: J Fielding Date: 08/11/2017 Strategy & Performance

Appendix B

MERSEYSIDE FIRE & RESCUE SERVICE

Bonfire Period 2017 Merseyside

32% reduction in ASB fires



Fire Appliances drove through Community Risk Management Routes 132 times



143 Target Hardening visits were completed by the Arson Team



9 Violence at Work incidents



14 Firework incidents



49.11 tonnes of bonfire material removed



Merseyside FIRE & RESCUE SERVICE

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MERSEYSIDE FIRE & RESCUE SERVICE

Bonfire Period 2017
Liverpool North

35% reduction in ASB fires



Fire Appliances drove through Community Risk Management Routes 62 times



30 Target Hardening visits were completed by the Arson Team



1 Violence at Work incidents



8 Firework incidents



9.22 tonnes of bonfire material removed



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MERSEYSIDE FIRE & RESCUE SERVICE

Bonfire Period 2017
Liverpool South

8% reduction in ASB fires



Fire Appliances drove through Community Risk Management Routes 11 times



27 Target Hardening visits were completed by the Arson Team



3 Violence at Work incidents



1 Firework incidents



8.44 tonnes of bonfire material removed



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MERSEYSIDE FIRE & RESCUE SERVICE

Bonfire Period 2017

Sefton

52% reduction in ASB fires



Fire Appliances drove through Community Risk Management Routes 6 times



26 Target Hardening visits were completed by the Arson Team



1 Violence at Work incidents



2 Firework incidents



5.5 tonnes of bonfire material removed



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MERSEYSIDE FIRE & RESCUE SERVICE

Bonfire Period 2017
Wirral

41% reduction in ASB fires



Fire Appliances drove through Community Risk Management Routes 24 times



9 Target Hardening visits were completed by the Arson Team



0 Violence at Work incidents



0 Firework incidents



11.94 tonnes of bonfire material removed



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MERSEYSIDE FIRE & RESCUE SERVICE

Bonfire Period 2017
St Helens

24% reduction in ASB fires



Fire Appliances drove through Community Risk Management Routes 15 times



9 Target Hardening visits were completed by the Arson Team



0 Violence at Work incidents



0 Firework incidents



6.10 tonnes of bonfire material removed



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MERSEYSIDE FIRE & RESCUE SERVICE

Bonfire Period 2017
Knowsley

29% reduction in ASB fires



Fire Appliances drove through Community Risk Management Routes 14 times



30 Target Hardening visits were completed by the Arson Team



4 Violence at Work incidents



3 Firework incidents



8.40 tonnes of bonfire material removed



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