

Public Document Pack



To: All Members of the Community Safety and Protection Committee
(and any other Members who may wish to attend)



R. Groves
Monitoring Officer

Tel: 0151 296 4000
Extn: 4113 Shauna Healey

Our ref SH/RG

Date: 22nd January 2024

Dear Sir/Madam,

You are invited to attend a meeting of the **COMMUNITY SAFETY AND PROTECTION** to be held at on **TUESDAY, 30TH JANUARY, 2024** in the Liverpool Suite - Merseyside Fire and Rescue Service Headquarters, Bridle Road, Bootle.

The meeting will be available to watch via YouTube on the following link:

https://youtube.com/live/9iXhpWo_Hrw?feature=share

Yours faithfully,

PP – S Healey

Monitoring Officer

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MERSEYSIDE FIRE AND RESCUE AUTHORITY
COMMUNITY SAFETY AND PROTECTION COMMITTEE

30 JANUARY 2024

AGENDA

Members

Councillor Brian Kenny (Chair)
Councillor Paul Tweed
Councillor Janet Grace
Councillor Lynne Thompson
Councillor Edna Finneran
Councillor Ed Lamb
Councillor Linda Maloney
Councillor Doreen Knight
Councillor Sam Gorst

1. Apologies

To consider any apologies for absence.

2. Declarations of Interest

To consider any Member declarations of interest.

3. Minutes of the Previous Meeting (Pages 5 - 8)

To consider the minutes of the last meeting held on 7th September 2023.

4. Amazon Digital Marketplace - 1142 (Pages 9 - 18)

To consider report CFO/04/24 which relates to Amazon Digital Marketplace.

5. Bonfire Report (Pages 19 - 54)

To consider report CFO/07/24 which relates to the Bonfire Report.

EXEMPT PAPERS

The following agenda items are exempt by virtue of Paragraph 3 of Part 1 of Schedule 12A of the Local Government Act 1972.

6. **Award of Contract to Procure NR PPE** (Pages 55 - 70)

To consider report CFO/06/24 relating to the procurement of National Resilience equipment.

7. **Insurance Tender 2024** (Pages 71 - 112)

To consider report CFO/05/24 which relates to the Insurance Tender process and outcome for 2024.

MERSEYSIDE FIRE AND RESCUE AUTHORITY

COMMUNITY SAFETY AND PROTECTION COMMITTEE

7 SEPTEMBER 2023

MINUTES

Present: Cllr Brian Kenny (Chair) Councillors Paul Tweed, Janet Grace, Lynne Thompson, Ed Lamb, Linda Maloney, Dorren Knight and Les Byrom CBE

Also Present: Phil Garrigan Chief Fire Officer
Ria Groves Monitoring Officer
Ian Cummins Director of Finance and Procurement

1. Apologies for Absence

Apologies for absence were received from Councillors Finneran and Gorst.

2. Declarations of Interest

There were no declarations of interest declared for this meeting.

3. Minutes of the Last Meeting

RESOLVED that the minutes of the last meeting held on the 6th April 2023 were agreed as an accurate record.

4. Service Delivery Plan 2023 - 24 April to June Update

Chief Fire Officer, Phil Garrigan presented the Service Delivery Plan for 2023/24 with an update covering the period of April to June 2023.

Members were advised that the Service had adopted a new process for monitoring performance (blue, red, amber, green or grey) and this was visible in the report.

It was acknowledged that the number of fires attended over this period had reduced, with 144 fewer fires than in 2022. This was attributed to the proactive preventative work that was being undertaken and the Service's high visibility and engagement within the community.

The number of fires in primary dwellings had also reduced by 71 compared to 2022/23 and it was believed that this was a result of work undertaken by Prevention, Response and Protection in regards to engagement.

It was noted that there had been a slight increase in deliberate fires in unoccupied properties (up 1 from the previous year) but that performance in relation to accidental fires has been good, with a year on year reduction.

The report outlined each department's Functional Plan and Members were advised that the delivery of the Training and Development Academy was on schedule and that there would be an opportunity for a walk around of the site.

The Chief Fire Officer acknowledged the recent Fire Cadet Games noting that it had been a brilliant event attended by 18 Fire and Rescue Services at the Albert Dock, Liverpool. The Authority placed on record its thanks to the staff who did an exceptional job in delivering that event.

The Chair thanked the Chief Fire Officer for a comprehensive and positive report which covered a wide range of areas. He also commended the Service on the Fire Cadet Games which he had attended, noting that it had been an engaging and positive event for young people.

Councillor Thompson questioned the number of deliberate fires in unoccupied areas and asked if there was any extra pressure that the Authority could exert on the owners of these derelict buildings to ensure that they were adequately secured. The Chief Fire Officer advised that the Arson Team were tackling anti-social behaviour and working with other agencies where there are repeat issues.

Councillor Maloney noted that there had been a fatality at Car Mill Damn in St Helens and wanted to thank the Service for its response that day. Furthermore, she raised concerns over wild swimming and whether the dangers were being communicated to young people. The Chief Fire Officer noted that he had attended that incident and had seen first-hand the impact that loss had on the community. The Authority had officers who focused on water safety and there was a multiagency response to raise awareness and educate people on the dangers of wild swimming. Members were advised that the Marine Rescue Unit were active on the River Mersey. The Chief Fire Officer passed on his deepest condolences to the family involved and thanked the crews who responded so effectively and with absolute compassion.

With regards to the Authority's youth education programme, Councillor Grace noted that the last Princes Trust Pass Out at Bootle had gone from strength to strength and the development of the young people involved has been inspirational. Members queried if there was still sufficient funding to continue running the project and the Chief acknowledged that supporting young people was important to the Authority. When asked how to tackle serious organised crime, Andy Cooke had responded 'tackle inequality and create opportunity' and the Authority agreed with that mantra, focusing on areas of heightened deprivation to create opportunities for young people. It was explained that funding for projects like Beacon and the Princes Trust were available as part of the Authority's Serious Violence Duty and the Authority would continue to make this work a priority.

Members noted that the Authority's relationship with the Police was very visible and the Chief Fire Officer explained that this relationship enabled the emergency services to deliver collaborative work that could really help people in Merseyside.

Councillor Les Byrom commented that the Police were changing how they respond to mental health incidents and this could impact on Fire and Rescue Services.

With regards to road traffic collisions, Councillor Lamb advised that he had been working with the Police and Crime Commissioner, Emily Spurrell, on the region's Vision to Zero, Road Safety Strategy for 2040. He asked how the Authority worked with the Police and if there were any areas of concern for the Service. The CFO advised that the Authority worked with its partners to reduce road traffic collisions and it specifically focused on educating drivers on the dangers of driving carelessly.

Councillor Knight noted the number of suicide and suicide attempts related to mental health and asked what the Authority did to try to combat this. It was explained that the Authority was a Member of the Suicide Partnership to tackle mental health issues for young people and the Authority's youth engagement work added to this. Support was provided to the Authority's own staff to ensure that their wellbeing was safeguarded.

RESOLVED that the attached Service Delivery Plan reports (Appendices 1-9) for publication on the website be approved.

5. Financial Review 2023/24 - April to June

Ian Cummins, Director of Finance and Procurement presented the Financial Review for 2023/24 with an update covering the period of April to June 2023/24.

Councillor Kenny asked for assurance around the key budget assumptions and it was explained that the biggest risk was around pay as the 'green book' pay award was still being negotiated with the Unions. However, it was felt that underspend from the level of vacancies in the organisation could mitigate that risk.

With regard to inflation, Members were advised that prices were being monitored and reviewed against the current assumptions.

RESOLVED that

- a) the proposed revenue and capital budget alignments be approved;
- b) the use of the increase in investment income, £02.78m, to fund capital expenditure and reduce the level of borrowing be approved;
- c) the realignment of reserves and the use of £3.722m of available capital reserve to fund capital expenditure and reduce the level of capital borrowing be approved; and
- d) the Director of Finance and Procurement be instructed to continue to work with budget managers to maximise savings in 2023/24 and use any savings to reduce the level of capital borrowing.

6. Fire Control Investment in New Technologies and Room Re-Design

Chief Fire Officer, Phil Garrigan presented the Fire Control Investment in New Technologies and Room Re-design report that outlined the request to upgrade the Fire Control suite.

Members were reminded that at the Budget Strategy Day on the 19th January 2023, they had discussed investing in technological advancements to assist the Authority in responding quicker to incidents. The proposal before Members sought to introduce a media wall to the Control Room and software that would allow Fire Control to utilise mobile phones to get actual live footage of an incident that can affect the Authority's response.

It was noted that all existing furniture would be relocated into a secondary control room in the Training and Development Academy.

Councillor Maloney asked about the use of body cameras for firefighters and it was explained that their use would be predicated on command roles to safeguard officers making decisions. It was suggested that they could also be utilised in protection during fire safety inspections to identify potential offenses.

RESOLVED that

- a) a new capital scheme for the re-design of the Fire Control Suite at a cost of £95k be approved; and
- b) the request to draw- down £89k from the Capital Reserve to fund those elements of the upgrade top Fire Control that cannot be covered from existing budgets as detailed in paragraphs 16 and 17 be approved.

Close

Date of next meeting Tuesday, 30 January 2024

| | | | |
|---|---|--|------------------------|
| MERSEYSIDE FIRE AND RESCUE AUTHORITY | | | |
| MEETING OF THE: | COMMUNITY SAFETY AND PROTECTION COMMITTEE | | |
| DATE: | 30 JANUARY 2024 | REPORT NO: | CFO/04/24 |
| PRESENTING OFFICER | DIRECTOR OF FINANCE AND PROCUREMENT – MIKE REA | | |
| RESPONSIBLE OFFICER: | DIRECTOR OF FINANCE AND PROCUREMENT - MIKE REA | REPORT AUTHOR: | HYWYN PRITCHARD |
| OFFICERS CONSULTED: | STRATEGIC LEADERSHIP TEAM | | |
| TITLE OF REPORT: | AMAZON DIGITAL MARKETPLACE – 1142 | | |
| APPENDICES: | APPENDIX A: | AMAZON BUSINESS FAQ'S | |
| | APPENDIX B: | AMAZON'S ECONOMIC IMPACT IN THE UK – INCLUDING MERSEYSIDE | |

Purpose of Report

1. To inform Members that the YPO, a public buying organisation of which MFRA is an Associate Member, has concluded a framework agreement with Amazon Business for a Digital Marketplace.
2. Owing to the potential value of the contract during its term being greater than £300,000, this report seeks Members' approval to award a contract to Amazon Business.

Recommendation

3. It is recommended that Members approve the award of a call-off contract with Amazon Business until the 23rd of January 2027.

Introduction and Background

4. Amazon's digital marketplace provides UK businesses, small and large, with the opportunity to access public sector ad-hoc expenditure. The framework agreement is designed to support public sector customers that have a requirement for procuring day-to-day products that fall below procurement tendering thresholds and require transparent and controllable expenditure. Amazon's digital procurement solution would provide greater visibility of ad-hoc transactions, as well as the opportunity to manage spending compliantly with local providers.
5. On the 18th of September 2023, the Authority's Procurement Team attended a virtual presentation about YPO's Digital Marketplace for Public Sector with Amazon Business. The Team's collective view was that the framework was

worth pursuing as there were cost and efficiency savings that could be made over and above the fees quoted.

6. A further meeting was held at MFRA Service Headquarters on the 1st November 2023 with representatives of Amazon Business as well as Finance officers and Procurement officers. The view of the officers present following the meeting was that the framework could be adopted and allow for more efficiencies within the organisation.
7. The stated benefits of using the framework agreement are:
 - A compliant method of managing tail spend
 - Authorisation levels to reduce maverick spending
 - Analytics to make informed decisions on future spend
 - User configured product restrictions
 - Wide range of products
 - Fast delivery
8. Amazon's economic impact in the UK can be viewed at the following location <https://www.aboutamazon.co.uk/impact-hub> which contains an interactive map. The map provides detail for Merseyside and this information has been summarized in Appendix B.
9. The adoption of the marketplace could prove transformative for the way MFRA purchases goods as it would literally become an 'Amazon-like' purchasing experience. Being a global leader in electronic commerce, the supplier is well placed to integrate with financial applications such as the one operated by MFRA. The potential is for still greater efficiencies and control using such integration often referred to as 'punch-out'.
10. The term of the contract would be up to a maximum of 3 years up until 23rd January 2027 with an anticipated cost of up to £300,000 per annum.

Equality and Diversity Implications

11. There are no equality and diversity implications as the marketplace is for the purchase of goods as required by all departments.

Staff Implications

12. As this is a familiar marketplace that reduces the complexity of buying for work, officers can spend less time on purchasing and more time on service delivery.
13. Additionally, staff time within the enabling departments will also be saved by having:
 - a) fewer new supplier forms
 - b) fewer credit card applications and
 - c) fewer terms and condition to review

Legal Implications

14. The route to market is compliant with the Public Contracts Regulations 2015.

Financial Implications & Value for Money

15. YPO framework users have access to a discounted rate for Business Prime Unlimited. It is expected that the free of charge delivery offer with Prime will recoup this fee as well as avoiding costs for goods usually provided on an ex-works basis.
16. Using a marketplace is designed to keep purchasing costs low with easy access to competitive pricing, so improving cash flow with more flexible payment options including Pay by Invoice.
17. 'Tail spend' by the Authority is of the order £300,000 annually for goods services and works as provided by some 400 or so suppliers. The marketplace would target low value, low risk goods and so has potential to deliver price savings on existing such expenditure as well as efficiency savings due to improved supplier management.

Risk Management and Health & Implications

18. Having MFRA's lower value expenditure consolidated in a single multi-user account avoids the risk of non-compliance with MFRA's contract standing orders. This would be achieved by limiting the marketplace to suppliers that can submit invoices through the Invoice By Amazon facility.

Environmental Implications

19. Amazon Business is committed to sustainable growth and 'use our infrastructure and operations to drive a zero-emissions, zero waste, tech-driven operating model'. This could assist with the Authority's own carbon reduction journey as deliveries would be made using electric vehicles.
20. More about the supplier's sustainability policies can be seen at <https://sustainability.aboutamazon.com/> and Climate Pledge Friendly Product Certifications can be viewed at <https://www.amazon.com/b?ie=UTF8&node=21221608011>

Contribution to Our Vision: *To be the best Fire & Rescue Service in the UK.*

Our Purpose: *Here to serve, Here to protect, Here to keep you safe.*

21. The use of the Amazon Digital Marketplace would save officers' time so allowing them to concentrate their efforts on delivering our purpose and realising our vision.
22. Cost savings derived from competitive pricing would clearly contribute to an improved budgetary position.

BACKGROUND PAPERS

NONE.

GLOSSARY OF TERMS

MFRA **M**erseyside **F**ire and **R**escue **A**uthority

YPO **Y**orkshire, **P**urchasing **O**rganisation

Amazon Business FAQ's

1. **What is Amazon Business?** Amazon Business is a B2B online store on Amazon, providing business customers with the pricing, selection, and convenience of Amazon, with features and benefits designed for businesses of all sizes.
2. **Who buys on Amazon Business?** Amazon Business customers range from sole traders to large enterprises with tens of thousands of employees on a single account. We serve millions of businesses around the globe today, including universities, manufacturers, restaurants, labs, healthcare providers, and many more. This includes more than 50% of the FTSE 100 and 22 of the DAX 30.
3. **What are the high-level features and benefits?** Amazon Business allows you to reduce costs, save time, achieve greater visibility and control, and more easily reconcile transactions. With Amazon Business, you have access to:
 - Competitive pricing and flexible payment options
 - A familiar and easy-to-use website with tens of thousands of suppliers
 - VAT-exclusive pricing and bulk download of VAT invoices
 - Multi-user accounts with approval workflows, detailed analytics, and the ability to set spending limits
4. **What kind of products are available to buy on Amazon Business?** Amazon Business is the single destination for all your business purchases, whether you're buying office stationery, lab supplies, contractor-grade power tools, or laptops. With access to tens of thousands of different suppliers, you're guaranteed to find the best price on millions of products.
5. **Do Amazon Business customers receive price discounts?** In addition to the competitive pricing offered on Amazon, Amazon Business gives you access to quantity discounts, progressive discounts and business-only offers.
6. **What is the cost of an Amazon Business account?** Amazon Business is free! There's no commitment, and no minimum spend.
7. **Can I add additional buyers from my company to the account?** Amazon Business allows you to set up one central account with multiple purchasers, providing you with control and visibility over team spend. Purchasers can be added as administrators, who can pull reports and see invoicing information, or as requisitioners, who can place orders. You can also add members to your account who can search products and request them from delegated

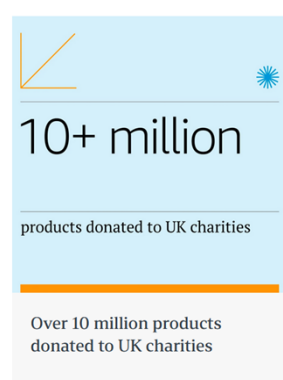
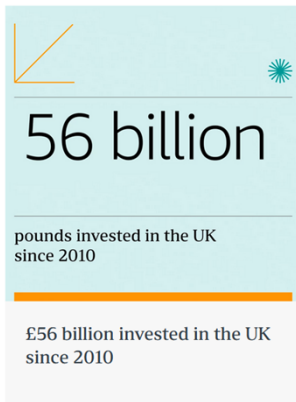
approvers. You can easily add purchasers from your company through Business Settings. Add buyers one at a time by entering their email address, or upload the available spreadsheet template to add multiple buyers at once.

8. **What if my employee already has a personal Amazon account they use for purchasing?** If your employee is already using their work email address for their personal account on Amazon, they can choose to convert their existing account into the main business account or create a new separate account. If the employee has used their existing Amazon account to make personal purchases, we recommend creating a new user account with a different email address. This protects the privacy of your employee's account information and keeps their personal and business purchases and order history separate.
9. **What payment options does Amazon Business offer?** At Amazon Business, you can purchase via credit or purchasing cards. Eligible customers can also activate Pay by Invoice, the ability to purchase on 30-day payment terms offered by Amazon (subject to satisfactory credit checks and individual credit limit).
10. **Can administrators track and control what others are purchasing on the account?** What kind of restrictions can be set on what buyers on the account can purchase? With Amazon Business, you can:
 - Create buying groups and implement your sign-off process with approval workflows
 - Set spending limits and auto-approve purchases below your chosen threshold
 - Guide company spend and implement policies through Guided Buying, setting restricted categories or preferred products
 - Customise spending reports to track purchasing metrics
11. **How can I get VAT invoices for my purchases?** You can download available VAT invoices in bulk through Business Analytics on your account. You can activate VAT invoicing policies so that buyers can easily identify products that come with a downloadable VAT invoice. Use VAT invoice policies to display a "restricted" or "blocked" flag in search results and product pages for items without an automatically downloadable VAT invoice.
12. **Can I use Prime on my business account?** If you convert your personal Amazon account to an Amazon Business account, your personal prime membership will be converted to Business Prime, if eligible. Alternatively, you can create a separate account so your personal prime membership stays on your existing Amazon.co.uk account.

13. **Can I integrate Amazon Business into my e-procurement system?** Yes, you can integrate Amazon Business into 80+ purchasing systems, including Ariba, Coupa, Jaegger, Onventis, SAP, SRM, and many others.
14. **How will Amazon Business purchases appear on my credit card statement?** For participating commercial cards, buyers will receive enhanced transaction data with line-item detail on every Amazon Business purchase. This additional data, available on existing billing and data feeds provided by the supporting banks, facilitates easier reconciliation and offers greater levels of transparency and visibility on spend.
15. **What fast delivery options are available on Amazon Business?** Get fast, FREE delivery (with Business Prime) including One-Day Delivery on millions of eligible items.
16. **How many suppliers are there on Amazon Business?** In addition to those items that are sold and fulfilled by Amazon, Amazon Business gives you access to tens of thousands of suppliers. All Amazon suppliers are held to our Supplier Code of Conduct.
17. **How can I use Amazon Business for recurring purchases?** Buyers often need to buy the same items again and again—for new employees coming on board, to stock the kitchen, and to make sure the caretaker's cupboard is full. With reorder lists on Amazon Business, you can make these repeat purchases even more efficiently and easily. Simply add items to a Reorder List and, with one click, you can order (and re-reorder) the items you need or share your purchasing list with your colleagues.
18. **What kind of data can I access on Amazon Business purchases?** You can use Amazon Business Analytics to access and download detailed, customisable reconciliation, order, and refund reports. With Amazon Business Analytics, you can quickly view monthly trends, customise reports, save customised reports, and filter by more than 100 fields, including PO number, order VAT, order status, and invoice status.
19. **How long does the set-up process take?** It can take as little as five minutes to get started (although it may take up to three days for your account to be verified).
20. **How can I get started?** Simply email amazon@ypo.co.uk

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Amazon Impact in the UK



Amazon Impact in the UK interactive [map](#)

Amazon Impact in Merseyside

Investing in the UK

- Since 2010, Amazon has invested over £390 million in Merseyside
- Amazon have opened warehouse facilities in both Knowsley and Haydock, employing over 1,000 across Merseyside and donating thousands of pounds across local communities within the region.

Supporting small businesses to grow and export

- Merseyside has over 1,500 SME selling partners on the Amazon platform
- Small business from the Merseyside region selling on Amazon recorded over £30 million of export sales in 2022

Amazon Business and Socially Responsible Purchasing

Amazon Business has been supporting B2B purchasing in the UK since 2017.

Working through wider Amazon efforts, Amazon Business is electrifying its delivery fleet, reducing packaging and consolidating deliveries into a single named day.

Amazon Business has also developed specific filters for Procurement managers to prefer climate pledge friendly products as well as local (right down to borough level) or SME suppliers. These filters automatically surface those products to the top of purchaser browsing lists, guiding buying with ease.

| MERSEYSIDE FIRE AND RESCUE AUTHORITY | | | |
|---|---|-----------------------|-----------------------|
| MEETING OF THE: | COMMUNITY SAFETY AND PROTECTION COMMITTEE | | |
| DATE: | 30 JANUARY 2024 | REPORT NO: | CFO/07/24 |
| PRESENTING OFFICER | CHIEF FIRE OFFICER – PHIL GARRIGAN (PRESENTATION – SM MARK SOPP) | | |
| RESPONSIBLE OFFICER: | CHIEF FIRE OFFICER- PHIL GARRIGAN | REPORT AUTHOR: | GM FRANNY HILL |
| OFFICERS CONSULTED: | SUZANNE HAZZA, JO HENDERSON, JOHN FIELDING | | |
| TITLE OF REPORT: | BONFIRE REPORT 2023 | | |

| | | |
|--------------------|-------------------|--|
| APPENDICES: | APPENDIX A | SUMMARY REPORT FOR INCIDENT ACTIVITY DURING 2023 BONFIRE PERIOD |
|--------------------|-------------------|--|

Purpose of Report

1. To inform the Members of the outcomes of Bonfire period 2023.

Recommendation

2. It is recommended that the Members note the content of the report and the impact that Merseyside Fire and Rescue Service ('MFRS') staff have had on the delivery of the Bonfire Plan 2023.

Introduction and Background

3. There has been a reduction in the number of secondary fires during the reporting period between 19th October and 7th November 2023. Collectively we saw an 5.5% reduction in the number of secondary fires attended in comparison to 2022.

All Deliberate Fires

| District | 2022 | 2023 | Difference | Percentage Difference |
|--------------------|------------|------------|------------|-----------------------|
| Knowsley | 17 | 28 | 11 | 64.7% |
| Liverpool | 92 | 69 | -23 | -25.0% |
| Sefton | 23 | 23 | 0 | 0.0% |
| St Helens | 20 | 26 | 6 | 30.0% |
| Wirral | 31 | 27 | -4 | -12.9% |
| Grand Total | 183 | 173 | -10 | -5.5% |

4. MFRS receive a significant increase in calls for the service over the Halloween and Bonfire period. In order to limit those demands, our annual Bonfire Plan was

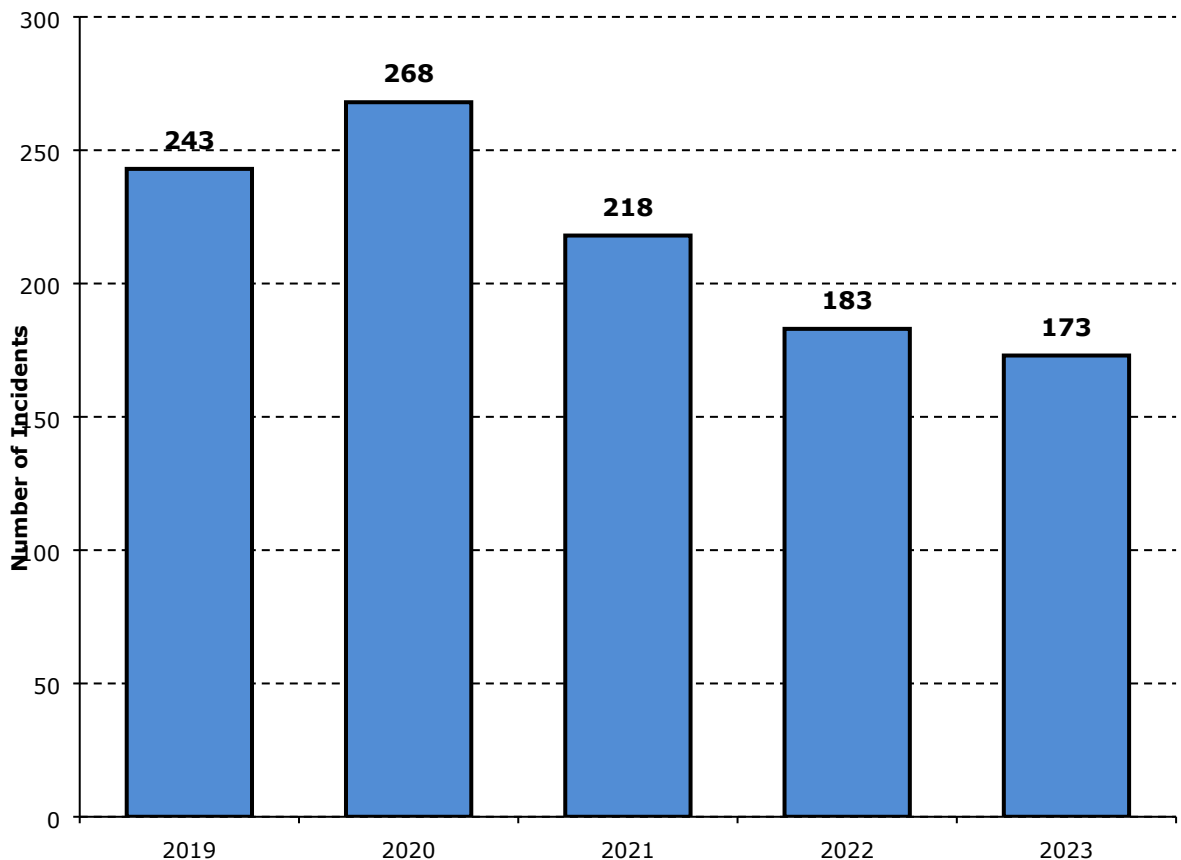
implemented to help mitigate the number of 999 calls and the overall number of AntiSocial Behaviour (ASB) fires MFRS attend.

5. The Prevention Directorate planning for Bonfire 2023 commenced in June. Merseyside Police led Operation Banger, the multi-agency operation which coordinates Police, Fire and Local Authority activity over the Halloween and Bonfire period. This included monthly Silver meetings chaired by Inspector Duncan Swan from Merseyside Police at the JCC. The monthly meetings involved all Police Commanders responsible for the implementation of Operation Banger and representatives from MFRS and other agencies.
6. This year MFRA issued 76 new licences from retailers to store and sell fireworks. There are currently 158 premises licensed to sell fireworks. Officers inspected premises to ensure suitable and sufficient action had been actioned by the retailers to comply with safe storage and guidance given on the selling of fireworks. A further inspection and compliance programme was undertaken by Protection Officers and Trading Standards.
7. MFRS Corporate Communications Team produced a bespoke Bonfire Communications Strategy which included:
 - A series of infographics carrying unique messages on social media.
 - A series of videos utilising MFRS staff to carry out unique messages around bonfire.
 - Bonfire Leaflets - distributed by MFRS staff and partner agencies.
 - Video animations in relation to the dangers of arson and the impact of ASB in local communities.
 - School presentations for both juniors and seniors.
8. The communications strategy included press releases promoting relevant messages at key times during the reporting period. MFRS received funding from City Safe that paid for a social media campaign enabling Corporate Communications to target important safety messages via social media. Members of the public were encouraged to report bonfire material via MFRS reporting link which was monitored by the Arson team.
9. From Tuesday 24th October until Saturday 4th November, MFRS had the use of 6 tipper trucks across Merseyside. The Prevention Directorate and volunteers from across the service including apprentices, operational firefighters and a number of green book staff, staffed these in order to remove the build-up of bonfire material. Our staff removed just over 53.17 tonnes of material. Probation services assisted us with the removal of 14.4 tonnes, making this a combined weight of 67.57 tonnes.
10. Organised fire work displays were held at a number of venues including the Totally Wicked Stadium in St Helens.
11. A range of diversionary activities were organised across Merseyside. Funding for

these events were met by a range of partners, including Local Authorities, Merseyside Police and the Police and Crime Commissioner.

12. MFRS staff along with partners visited schools to deliver key messages highlighting the impact of arson and ASB in local communities. MFRS and partners (PCSO's) visited over 50 schools and delivered our message to approximately 4000 children and young people.
13. On the 4th, 5th and 6th November 2023, MFRS adopted a tolerant approach to bonfires. Bonfires were risk assessed and allowed to continue to burn if the bonfire did not pose a risk to people or property, and that the bonfire was organised safely. This allowed members of the public and communities to enjoy bonfire night safely.
14. The table below identifies that during the 2023 bonfire period the number of deliberate secondary fire incidents attended by Merseyside Fire and Rescue Service was 173.

5 Year Retrospective for Deliberate Secondary Fires, Merseyside Wide, between 2019 and 2023

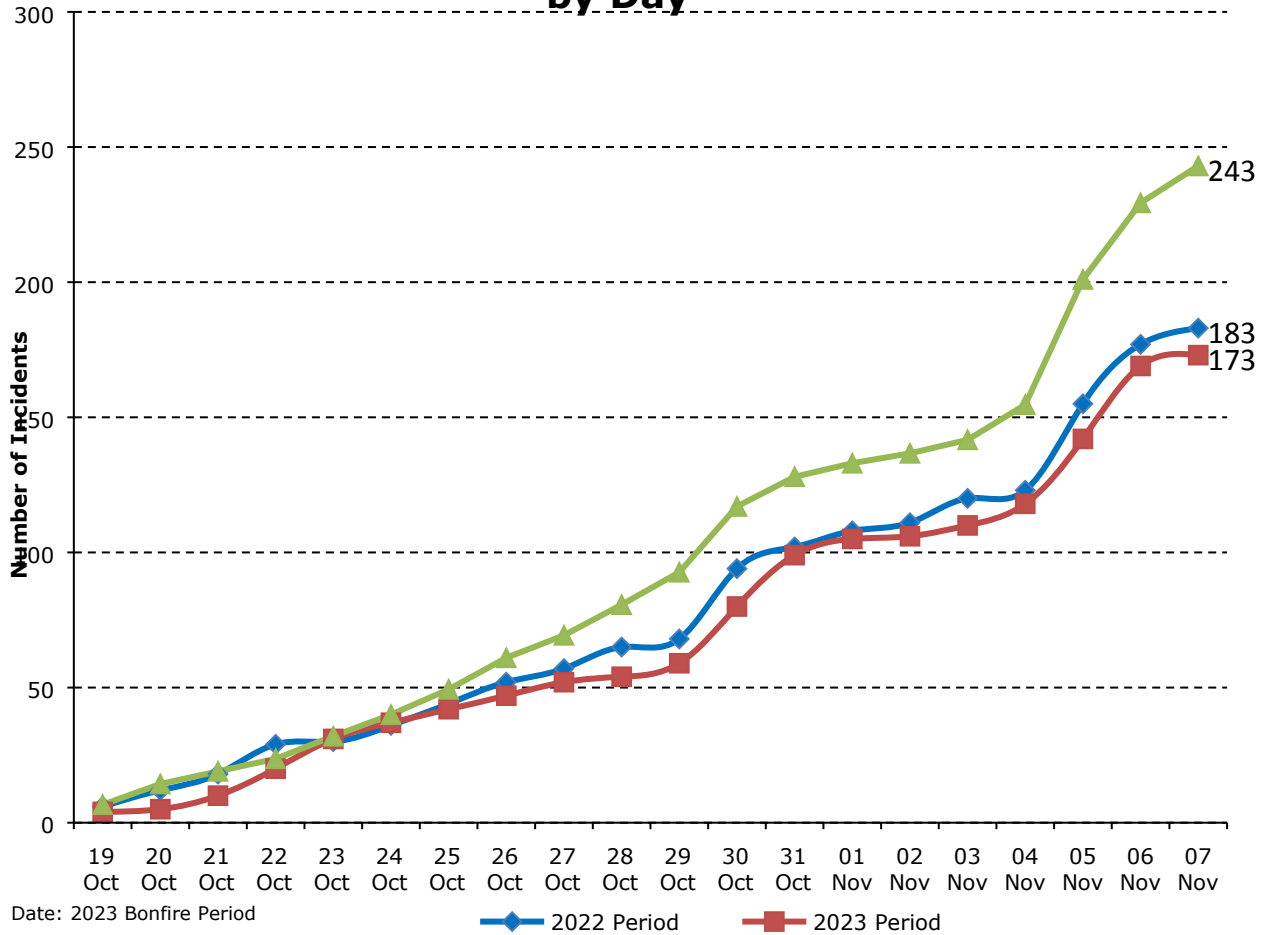


Date: 2023 Bonfire Period

15. The table (below) provides a cumulative analysis of deliberate secondary fire incidents through the 2023 period, contrasting it with 2022, as well as the 3-year

average. The chart shows that there was a 5.5% decrease in the number of secondary fires attended between the 2022 and 2023 bonfire periods.

Cumulative comparison of Deliberate Secondary Fires in Merseyside between 2022, 2023 and the 3 year average, by Day



16. MFRS adopted a creative approach during this year’s Bonfire period and ensured high visibility throughout the recording period. Tactics utilised included:

- MFRS utilised the offer of Probation Service to assist with removing fly tipping
- PATS/Fly tipping referrals
- Community risk management routes
- Tipper trucks in each district

Potential Arson Targets/Fly tipping reports

17. The purpose of the Potential Arson Target (PAT) project is to highlight buildings that are possible arson targets, and to minimise risk to firefighters. Crews will familiarise themselves with each potential arson target so that they know the possible risks they could face if a fire breaks out at that location.

18. When a vulnerable empty property is identified, a PAT form should be completed which will be dealt with by the Arson team, working alongside

partners.

19. MFRS worked in partnership with local authorities and hired 6 tipper trucks to remove waste and fly tipping from each district. Fly tipping reports assisted with identifying waste materials across the region; 189 fly tipping referrals were submitted. This resulted in over 53.17 tonnes of hazardous rubbish and fly tipping being removed from the streets which otherwise may have been used to fuel deliberately set fires.

Community Risk Management routes

20. MFRS identified ASB spots across Merseyside utilising current data to target ASB high spots linked to high numbers of secondary fires. Community Risk Management routes were allocated on this basis to fire stations with routes to be completed in fire engines.
21. The Service attended a number of incidents that involved the misuse of Fireworks. The table below capture 2023 figures:

| District | 2022 | 2023 | Difference | Percentage Difference |
|--------------------|-----------|-----------|------------|-----------------------|
| Knowsley | 2 | 1 | -1 | -50.0% |
| Liverpool | 10 | 4 | -6 | -60.0% |
| Sefton | 3 | 1 | -2 | -66.7% |
| St Helens | 1 | 3 | 2 | 200.0% |
| Wirral | 6 | 1 | -5 | -83.3% |
| Grand Total | 22 | 10 | -12 | -54.5% |

Equality and Diversity Implications

22. The MFRS communications team utilised both organic content and boosted posts for the Halloween and Bonfire social media campaign, with a budget of **£500**. During the Halloween and Bonfire period, the MFRS social media content had almost **300,000** impressions (number of unique users who see the content) across Facebook, Instagram, Twitter/X and Nextdoor. MFRS launched their Nextdoor channel during the Halloween and Bonfire period, with over **50,000** users across Merseyside viewing our messages during this time with the aim of accessing as many members of the community as possible.
23. The MFRS communications team also utilised local radio stations, articles in local papers and bespoke leaflets which were distributed across the districts via crews and prevention staff. Messages were also communicated to internal staff via the staff portal.

Staff Implications

24. A number of directorates and departments contributed significantly during the bonfire period. This provided the Prevention Directorate with the ability to deliver the high performance with thanks to:
- Home Safety – provided additional staff
 - Youth Engagement – Providing staff assisting with tippers
 - Protection – Fireworks Legislation, compliance and enforcement
 - Corporate Communications – Communications and Media Strategy
 - Ops. Response – HFSC Campaigns, CRM routes, fly tipping reports
 - An additional IIT Officer was available at all times of high demand on key nights
 - Fire Control additional staffing operators were utilised due to demand over key nights
 - Prevention managers operating OSR to support Fire Control on each of the 4 key nights
25. The Liverpool, Knowsley, Sefton, St Helens and Wirral Street Intervention Teams (SIT) worked throughout the reporting period in high demand areas to engage with young people and local communities about the associated dangers of the period.
26. The Operational Support Room was utilised to support co-ordination of prevention staff completing high visible presence and Street Intervention Teams.
27. To satisfy the Health and Safety at Work etc. Act 1974, all staff driving the tipper trucks have received a driver validation by the Driving School and all staff on the tipper trucks are manual handling trained.

Legal Implications

28. Under the Explosives Regulations 2014 and the Health and Safety at Work etc. Act 1974, Protection Officers visited retailers storing fireworks for sale to ensure compliance with legislation.

Financial Implications & Value for Money

29. The Liverpool City Safe Board provided additional funding (totalling £1420). This enabled the hire of 2 tipper trucks from Wirral Van Hire to be deployed in North and South Liverpool during the Bonfire period and support our media campaigns.
30. Wirral Council, Sefton Council and St Helens Council hired tipper trucks to be used by MFRS during the bonfire period. Knowsley Council loaned their tipper truck to MFRS.

Risk Management and Health & Implications

31. In considering the risk management implications for staff operating within Merseyside during key nights, a decision was made to utilise the Operational Support Room.
32. A post Bonfire night sweep took place on the morning of 6th November. This involved fire crews patrolling their station areas in order to extinguish smouldering bonfires in known fire locations. Appliances remained available for redirection by Fire Control.
33. The Bonfire plan identified 4 key nights where demands on MFRS were anticipated to increase, these were 30th & 31st October and the 4th & 5th November.

Environmental Implications

34. In order to reduce the impact and noticeable increase of fly tipping, tipper trucks operated pre bonfire to remove hazardous waste or combustible materials to minimise the impact on the environment and the safety of MFRS staff.

Contribution to Our Vision: *To be the best Fire & Rescue Service in the UK.*

Our Purpose: *Here to serve, Here to protect, Here to keep you safe.*

35. Effective joint working with our partners from the Police, Housing Associations and Local Authority ensures the highest quality operational response is delivered to Merseyside residents.
36. The delivery of the Bonfire Plan aims to limit and reduce the threat of the number of Anti-Social Behaviour incidents and deliberate fires across Merseyside.
37. Its aim is to reduce the risk of attacks on firefighters through education and engagement. It also promotes key safety messages to allow the public to have a safe Halloween and bonfire period free from harm and injury.
38. MFRS maintained its attendance standard to life risk incidents throughout the bonfire period.

BACKGROUND PAPERS

NONE

GLOSSARY OF TERMS

| | |
|-------------|---|
| MFRA | Merseyside Fire and Rescue Authority |
| MFRS | Merseyside Fire and Rescue Service |
| IIT | Incident Investigation Team |
| JCC | Joint Control Centre |
| OIC | Officer in Charge |
| OSR | Operational Support Room |
| PAT | Potential Arson Target |
| SHQ | Service Headquarters |
| SIT | Street Intervention Team |



Summary Report for Incident Activity during 2023 Bonfire Period

AUDIENCE

**AUTHORITY
STRATEGIC LEADERSHIP TEAM
TEAMS INVOLVED IN BONFIRE PLAN**

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**COMMUNITY RISK MANAGEMENT DIRECTORATE
STRATEGY & PERFORMANCE DIRECTORATE**

Document Control

Amendment History

| Version / Issue No. | Date | Author(s) | Remarks / Reason for Change |
|---------------------|------------|-----------|--|
| 0.1 | 24/11/2023 | R Hanson | Initial Draft |
| 1.0 | 30/11/2023 | R Hanson | Updated as per J Fielding's comments |
| 1.1 | 4/12/2023 | R Hanson | Updated as per D Appleton and AM Thomas's comments |
| | | | |

Sign-Off List

| Name | Position |
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| AM M Thomas | Director of Prevention |
| Deb Appleton | Director of Strategy & Performance |
| GM F Hill | Group Manager – Prevention |
| SM M Currin | Station Manager – Prevention |
| Suzanne Hazza | Community Safety Co-ordinator |

Distribution List

| Name | Position | I / R |
|------------------------|----------|-------|
| Authority | | |
| Senior Leadership Team | | |
| Bonfire Planning Team | | |

Related Documents

| Reference No. | Title | Author | Version & Date |
|---------------|-------|--------|----------------|
| | | | |

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1. 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 Mark Thomas and received 8th November 2023.

The Manager¹ 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 2023 and would be sent electronically to the Director of Strategy & Performance and AM Mark Thomas for comment.

The Manager / Client agreed that their comments would be received back by December 2023. The final report, which will always be in PDF format, would be produced by December 2023, subject to receiving comments.

¹ Deb Appleton

2. Summary

This report provides a summary analysis of deliberate secondary fires and incidents of violence at work across Merseyside during the 2023 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:

- During the 2023 bonfire period, **173** deliberate secondary fires were attended by Merseyside Fire & Rescue crews. When compared to the 2022 period, this is a reduction of **10** incidents or **-5.5%**.
- Performance at a district level was as follows:
 - Knowsley saw **28** incidents, which is an increase of **11** incidents or **64.7%**
 - Liverpool as a whole saw **69** incidents, which is a reduction of **23** incidents or **-25.0%** compared to 2022
 - North Liverpool saw **31** incidents, which is a reduction on 2022's performance of **-17** incidents or **-35.4%**
 - South Liverpool saw **38** incidents, which is **6** fewer than 2022's performance
 - Sefton saw **23** incidents which is the same as in 2022
 - St Helens saw **26** incidents, an increase on 2022's performance of **6** incidents or **30.0%**
 - Wirral saw **27** incidents, which is a reduction of **-4** incidents or **-12.9%**
- When aggregated proportionally to incidents per 10,000 population – Sefton and Wirral had the fewest incidents with **0.8**. Knowsley had the highest proportion of **1.8** incidents per 10,000 population.
- On the 5th November 2022, crews attended **24** incidents, which is the lowest count of incidents attended on this date. 18 of these incidents involved refuse fires.
- The top wards for incidents attended were: Town Centre (**10**) followed by Birkenhead and Tranmere (**9**), Speke and Garston (**8**)
- Concerning incidents attended by station area: 50 – St Helens saw **23** incidents followed by 14 – Speke/Garston with **20** and 42 – Kirkby (**13**). Station 22 – Heswall saw **0** incidents.
- When compared to the previous year, stations that had large reductions were: 18 - Aintree (-11), 15 – Toxteth (-8), 20 - Birkenhead (-7) & 12 – Kensington, 30 – Bootle & Netherton and 31– Crosby (-5). There were increases in incidents in 42 – Kirkby and 50 - St Helens (both 7), followed by increases in 11 – Liverpool City and 33 - Southport (both 6).
- There were **4** incidents of violence at work during the 2023 bonfire period, 1 less than in 2022.

3. 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 2023 Bonfire Period in Merseyside, contrasted with the 2022 period as well as historical retrospectives.

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

4. Methodology

To identify and analyse any trends in incidents during the 2023 Bonfire Period 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 fires² as recorded by Merseyside Fire & Rescue Service mobilisation system Vision. Instances of Violence at Work have been collected from the OSHENS Health and Safety reporting system.
- Deprivation data used within this report is based on Indices of Deprivation 2019 (obtained from Department for Communities and Local Government).
- Population figures are based on mid-2020 and census 2021 population estimates published by Office for National Statistics
- The analytical tools adopted in this report include:
 - MapInfo 17 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 365 – used to analyse raw data.

After the local elections in May 2023, Liverpool's wards were split into 64 from the previous number of 30. All historic data has been updated with these new wards and this will cause some changes in the historic ward table (page 10).

It should be noted that the majority of the analysis contained within this report will be presented at the Merseyside level. Six additional local authority appendices³ supplement this main report, (section 7).

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.

³ Liverpool is divided into Liverpool North and Liverpool South.

5. Results

5.1 Retrospective Analysis

Chart 1: 10 Year retrospective analysis of deliberate secondary fires

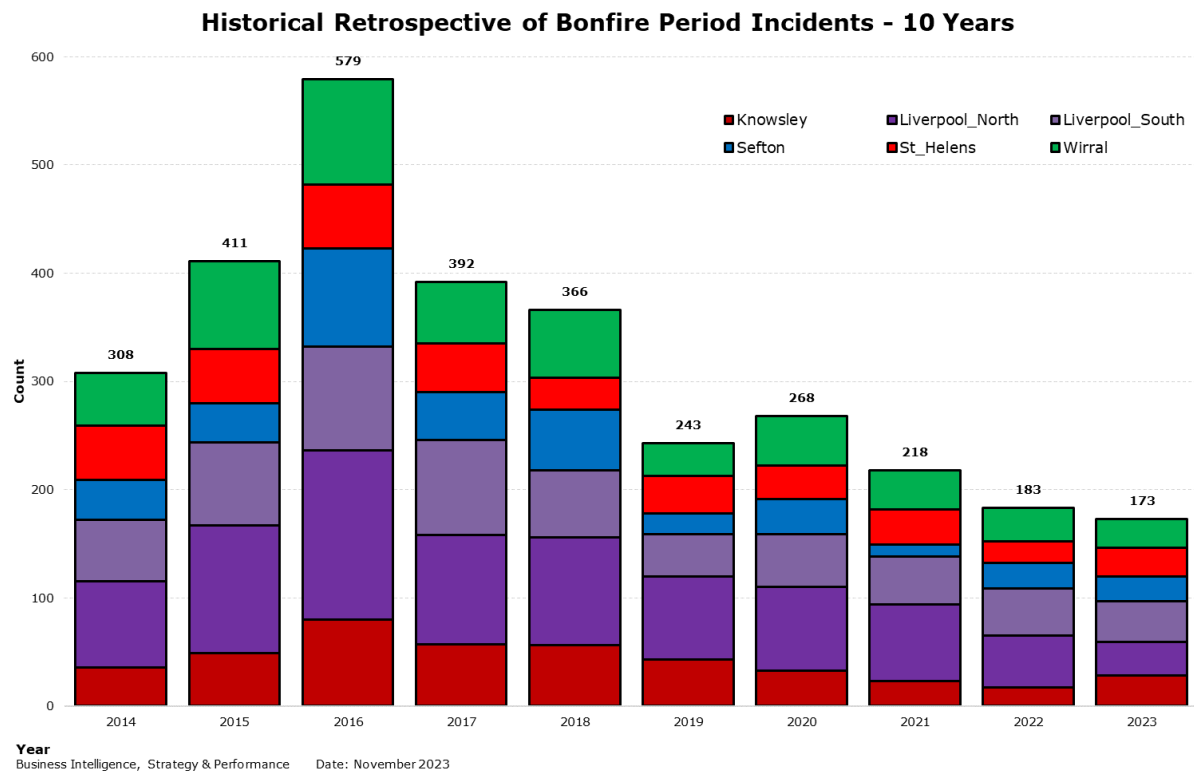


Chart 1 identifies that during the 2023 bonfire period the number of deliberate secondary fire incidents attended by Merseyside Fire and Rescue Service was 173. This is a reduction of 10 incidents (-5.5%) on 2022.

Historically the 173 incidents attended during the 2023 bonfire period is the lowest number of incidents attended for the period, continuing the downward trend of reducing the number of incidents since 2020.

When compared to the most recent high in 2016 (579 incidents), 2023's total represents an overall reduction of 70.1%.

5.2 Incident Breakdown

Table 1: Breakdown of incident types attended during 2022 and 2023 bonfire period

| Incident | 2022 | 2023 | Change | % Change |
|-------------------------------------|------------|------------|------------|--------------|
| 04 01 Derelict Building | 8 | 3 | -5 | -62.5% |
| 04 02 Grassland | 10 | 8 | -2 | -20.0% |
| 04 03 Intentional Burning / Bonfire | 62 | 62 | 0 | 0.0% |
| 04 04 Outdoor Structure | 6 | 5 | -1 | -16.7% |
| 04 05 Refuse Fire | 96 | 95 | -1 | -1.0% |
| 04 06 Derelict Vehicle | 1 | 0 | -1 | -100.0% |
| Grand Total | 183 | 173 | -10 | -5.5% |

Table 1 identifies that the majority of deliberate secondary fires attended were “04 05 Refuse Fire” with 95 incidents (a reduction of 1.0%) –this incident type accounts for 54.9% of total incidents. This was then followed by “04 03 Intentional Burning/ Bonfire” with 62 incidents (the same as last year). The largest reduction was seen in “04 01 Derelict Building” (-5 or -62.5%).

The remaining incident types saw minor reductions between the two years.

5.3 Temporal Analysis

Chart 2: Comparison of incidents by Day

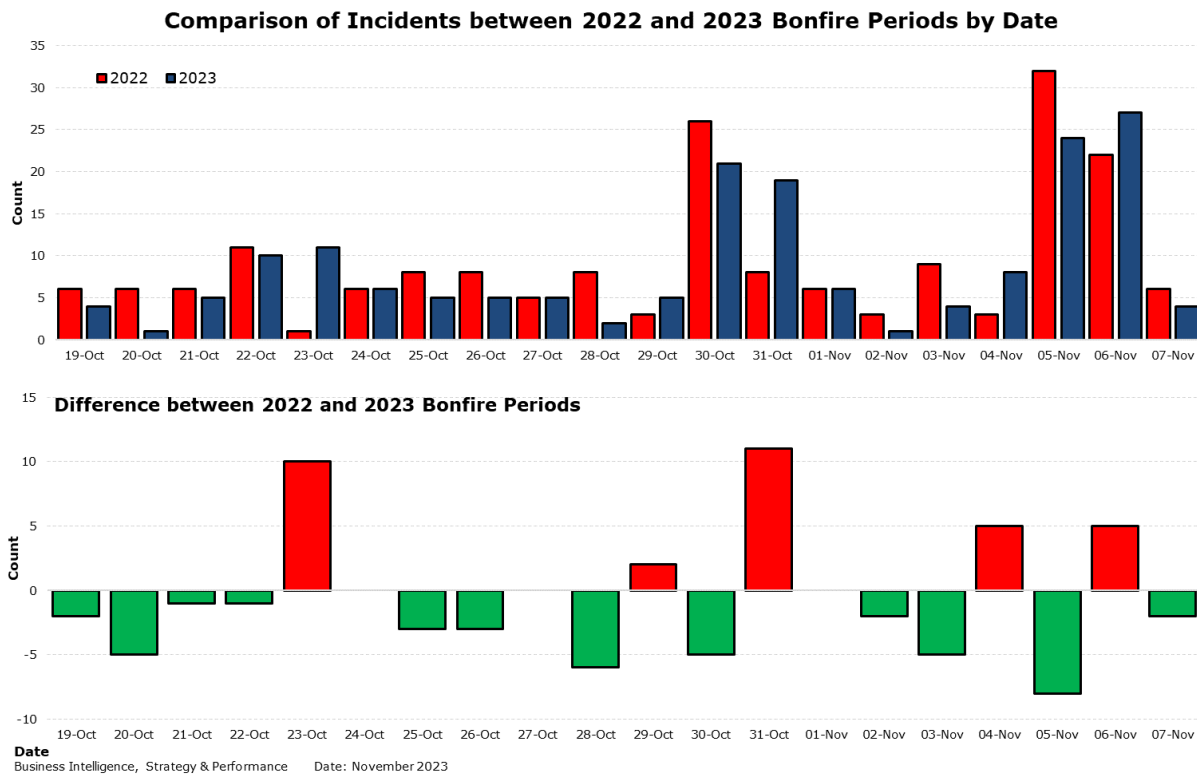


Chart 2 provides a comparison of deliberate secondary fire incidents by day between 2022 and 2023. The chart shows that on 23rd October there was an increase in incidents (10) when compared to the same date in 2022 and a larger increase on 31st October (11).

The lower chart shows that only 5 days saw more incidents than the previous year.

Chart 3: Cumulative Analysis of Deliberate Secondary Fires

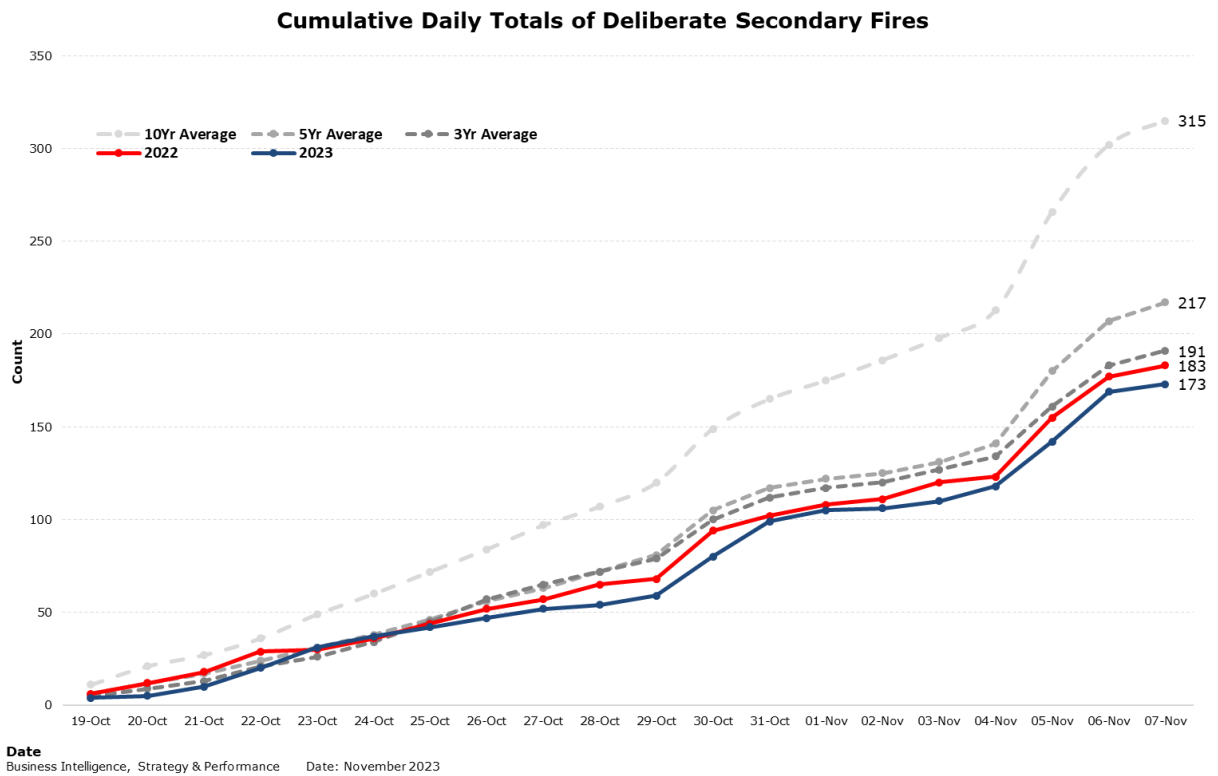


Chart 3 provides a cumulative analysis of deliberate secondary fire incidents through the 2023 period, contrasted with: 2022, and the 3, 5 and 10-year averages. The chart shows that prior to 23rd and 24th October there were cumulatively fewer incidents attended during the 2023 period than the previous year. Beyond those dates, there were cumulatively fewer incidents attended across the rest of the period.

Table 2: 5th November Analysis

| Incident Type | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|-------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 04 01 Derelict Building | 1 | 0 | 1 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| 04 02 Grassland | 1 | 1 | 5 | 1 | 2 | 1 | 0 | 1 | 0 | 0 |
| 04 03 Intentional Burning / Bonfire | 25 | 42 | 40 | 16 | 20 | 19 | 68 | 11 | 13 | 6 |
| 04 04 Outdoor Structure | 3 | 6 | 4 | 2 | 2 | 0 | 0 | 1 | 1 | 0 |
| 04 05 Refuse Fire | 31 | 25 | 30 | 39 | 31 | 14 | 10 | 13 | 18 | 18 |
| 04 06 Derelict Vehicle | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Grand Total | 61 | 74 | 80 | 58 | 57 | 35 | 78 | 26 | 32 | 24 |
| Total for each year | 308 | 411 | 579 | 392 | 366 | 243 | 268 | 218 | 183 | 173 |
| % of incidents for 5 November | 19.8% | 18.0% | 13.8% | 14.8% | 15.6% | 14.4% | 29.1% | 11.9% | 17.5% | 13.9% |

Table 2 identifies that on 5th November 2022, 24 deliberate secondary fires took place, a reduction of 8 incidents compared to the previous year. This is 70.0% lower than the recent high of 80 in 2016.

When analysing incidents by type, the majority (18 from 24) were refuse fires and 6 were bonfires.

5.4 Location Analysis

Table 3: Comparison of incidents attended by district, between 2022 and 2023 bonfire periods (*with incidents per 10,000 population*)⁴

| District | 2022 | 2023 | Difference | % Difference |
|------------------------|------------------|------------------|-------------------|--------------|
| Knowsley | 17 (1.1) | 28 (1.8) | 11 (0.7) | 64.7% |
| Liverpool | 92 (1.8) | 69 (1.4) | -23 (-0.4) | -25.0% |
| <i>Liverpool North</i> | 48 | 31 | -17 | -35.4% |
| <i>Liverpool South</i> | 44 | 38 | -6 | -13.6% |
| Sefton | 23 (0.8) | 23 (0.8) | 0 (0) | 0.0% |
| St Helens | 20 (1.1) | 26 (1.4) | 6 (0.3) | 30.0% |
| Wirral | 31 (1) | 27 (0.8) | -4 (-0.1) | -12.9% |
| Grand Total | 183 (1.3) | 173 (1.2) | -10 (-0.1) | -5.5% |

Table 3 provides a breakdown of incidents attended by district, comparing the 2022 and 2023 periods. In summary, the table provides the following results:

- Knowsley – an increase of 11 (64.7%)
- Liverpool – an overall reduction of 23 (-25.0%)
 - Liverpool North – a reduction of 17 (-35.4%)
 - Liverpool South – a reduction of 6 (-13.6%)
- Sefton – stayed the same with 23 (0.0%)
- St Helens – an increase of 6 (30.0%)
- Wirral – a reduction of 4 (-12.9%)

When aggregated to incidents per 10,000 population; Sefton and Wirral saw the fewest incidents during 2023 with 0.8 incidents per 10,000 population. By contrast, Knowsley had the greatest amount with 1.8 per 10,000 population.

Table 4: Top wards for deliberate secondary fires during 2023 bonfire period

| Rank | Ward | District | 2022 | 2023 | Difference | % Difference |
|------------------|-------------------------|-----------------|------|------|------------|--------------|
| 1 st | Town Centre | St Helens | 2 | 10 | 8 | 400.0% |
| 2 nd | Birkenhead and Tranmere | Wirral | 11 | 9 | -2 | -18.2% |
| =3 rd | Speke | Liverpool South | 4 | 8 | 4 | 100.0% |
| =3 rd | Garston | Liverpool South | 9 | 8 | -1 | -11.1% |
| 4 th | Belle Vale | Liverpool South | 2 | 7 | 5 | 250.0% |
| =6 th | Stockbridge | Knowsley | 2 | 5 | 3 | 150.0% |
| =6 th | Bromborough | Wirral | 3 | 5 | 2 | 66.7% |
| =8 th | Cherryfield | Knowsley | 0 | 4 | 4 | #DIV/0! |
| =8 th | City Centre North | Liverpool North | 0 | 4 | 4 | #DIV/0! |
| =8 th | Northwood | Knowsley | 1 | 4 | 3 | 300.0% |

Table 4 provides the top 10 wards for deliberate secondary fires during the 2022 bonfire period. The table identifies that Town Centre had the largest number of incidents (10) followed by: Birkenhead and Tranmere (9), Speke and Garston (both 8).

⁴ The proportion has been rounded to the one decimal place

The table identifies that Knowsley and Liverpool South had 3 wards in the top ward list; followed by Wirral with 2. Liverpool North and Sefton had 1 ward each in the top 10.

Table 5: Historical Ward Analysis⁵

| Rank | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|------|---------------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 1 | Town Centre | Town Centre | Birkenhead & Tranmere | Springwood | Linacre | Shevington | Vauxhall | Dingle | Birkenhead & Tranmere | Town Centre |
| 2 | Rock Ferry | Bidston & St James | Town Centre | Seacombe | Cherryfield | Town Centre | Derby | Town Centre | Walton | Birkenhead & Tranmere |
| 3 | Birkenhead & Tranmere | Bromborough | Norris Green | Birkenhead & Tranmere | Northwood | Norris Green | Parr | Bidston & St James | Garston | Speke |
| 4 | Linacre | Birkenhead & Tranmere | Bidston & St James | Linacre | Bidston & St James | Northwood | Birkenhead & Tranmere | Norris Green | Rock Ferry | Garston |
| 5 | Belle Vale | Norris Green | Belle Vale | Croxteth | Walton | Vauxhall | Rock Ferry | Birkenhead & Tranmere | Linacre | Belle Vale |
| 6 | Claughton | Dingle | Croxteth | Dingle | Birkenhead & Tranmere | Croxteth | Belle Vale | Shevington | Thatto Heath | Stockbridge |
| 7 | Bold | Seacombe | Dingle | Halewood South | Speke | Knotty Ash & Dovecot Park | Northwood | Rock Ferry | Speke | Bromborough |
| 8 | Dingle | New Brighton | Seacombe | Town Centre | Bromborough | Bold | Garston | Parr | Whiston & Cronton | Cherryfield |
| 9 | Knotty Ash & Dovecot Park | Northwood | Ford | Cherryfield | Ford | Walton | Speke | County | Earlestown | City Centre North |
| 10 | Princes Park | Stoneycroft | Northwood | Norris Green | Norris Green | Dingle | Linacre | West Park | Gateacre | Northwood |

Table 5 provides a historical look at the top 10 wards for deliberate secondary fires over the last 10 years. The table shows evidence that the top wards in 2023 appear occasionally across other years, with the exception of Birkenhead & Tranmere (9 years)⁶. The wards of City Centre North and Stockbridge do not appear in previous years.

The ward to see the most deliberate secondary fires over the 10 years is Birkenhead and Tranmere (107) followed by Town Centre (102).

Due to the increase in wards in Liverpool, areas that usually appeared in the top 10 no longer do so on a regular basis:

- Everton is now split between Everton East, Everton North and Everton West
- Fazakerley is now split between Fazakerley East, Fazakerley North and Fazakerley West
- Tuebrook is split between Tuebrook Breckside Park and Tuebrook Larkhill, and
- West Derby is now West Derby Deysbrook, West Derby Leyfield and West Derby Muirhead

⁵ Please see [page 14](#) for a complete list of wards in each district

⁶ Birkenhead and Tranmere is equal 10th in 2018

Chart 4: Comparison of incidents attended by station area

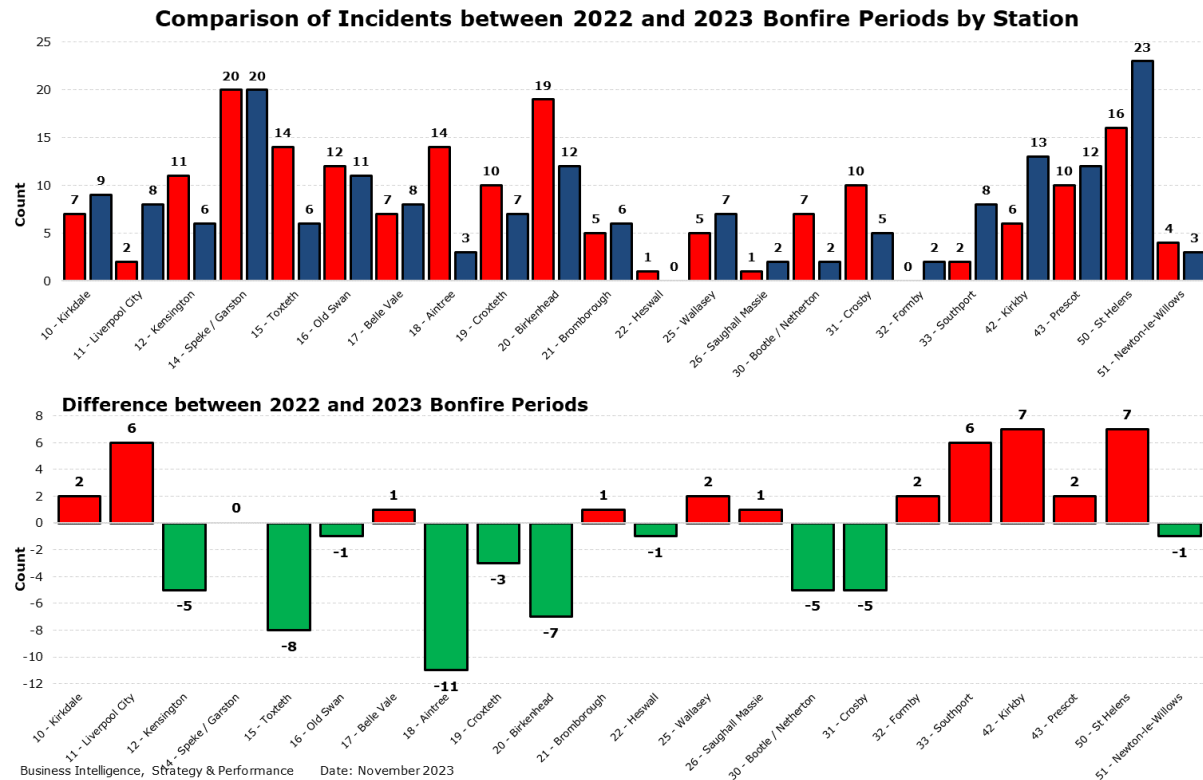


Chart 4 identifies that 10 station areas saw reductions in incidents, particularly 18 - Aintree (-11), 15 – Toxteth (-8), 20 - Birkenhead (-7) & 12 – Kensington, 30 – Bootle & Netherton & 31– Crosby (-5). There were increases in incidents particularly in 42 – Kirkby & St Helens (both 7), followed by increases in 11 – Liverpool City & Southport (both 6).

5.5 Violence at Work

Table 6: Overall counts of Violence at Work by district since 2019

| District | 2019 | 2020 | 2021 | 2022 | 2023 |
|------------------------|----------|----------|----------|----------|----------|
| Knowsley | 3 | 1 | 0 | 3 | 0 |
| Liverpool | 3 | 6 | 6 | 1 | 2 |
| <i>Liverpool North</i> | 3 | 3 | 3 | 1 | 2 |
| <i>Liverpool South</i> | 0 | 3 | 3 | 0 | 0 |
| Sefton | 0 | 0 | 1 | 1 | 1 |
| St Helens | 0 | 0 | 0 | 0 | 0 |
| Wirral | 1 | 1 | 1 | 0 | 1 |
| Grand Total | 7 | 8 | 8 | 5 | 4 |

During the 2023 bonfire period there were 4 incidents of violence at work; 1 fewer than the previous year. Over the 5-year period, there was an average of 6.4 incidents per year, with the majority (18) taking place in Liverpool. There have not been any incidents of violence at work in St Helens over the 5-year period.

It should be noted that though violence at work incidents are an unwanted aspect of the fire fighter role / arson officer 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 & arson officer teams could be working in future.

Table 7: Details of Violence at Work during 2023 bonfire period

| Address | Call Date | Station | District | Ward | Details |
|--|------------------------|---------|-----------------|---------------------------|--|
| BROAD HEY, NETHERTON, L30 | 30/10/2023 14:28:59 | 30 | Sefton | Ford | WHILST CONDUCTING TIPPER TRUCK REMOVAL DUTIES A MALE ON A BIKE APPROCHED THE TEAM & QUESTIONED THE TEAM WITH REGARD TO THEIR ACTIVITIES AT THE WASTEGROUND. THE MALE BECAME ANGRY & THREATENED TO GET OTHER PERSONS INVOLVED |
| TWICKENHAM DRIVE, LEASOWE, CH46 | 30/10/2023 19:11:56 | 25 | Wirral | Leasowe & Moreton East | NEAR THE LEISURE CENTRE, EGGS THROWN AT VAN OF STREET TEAM |
| SHOTTESBROOK GREEN, SCARGREEN AVENUE, LIVERPOOL, L11 | 30/10/2023 18:57:16 | 19 | Liverpool North | Norris Green | WHILST IN ATTENDANCE CREW & FIRE APPLIANCE WERE SUBJECT TO MISSILES THROWN FROM YOUTHS |
| DUMBREES GARDENS, DUMBREES ROAD, LIVERPOOL, L12, | 31/10/2023 18:59:17 | 19 | Liverpool North | Yew Tree | Whilst en route to incident, appliance was hit by an egg. Crew & driver did not see who threw the egg. |

5.6 Deprivation Analysis

Chart 5: Deliberate Secondary Fires in Relation to Local Deprivation⁷

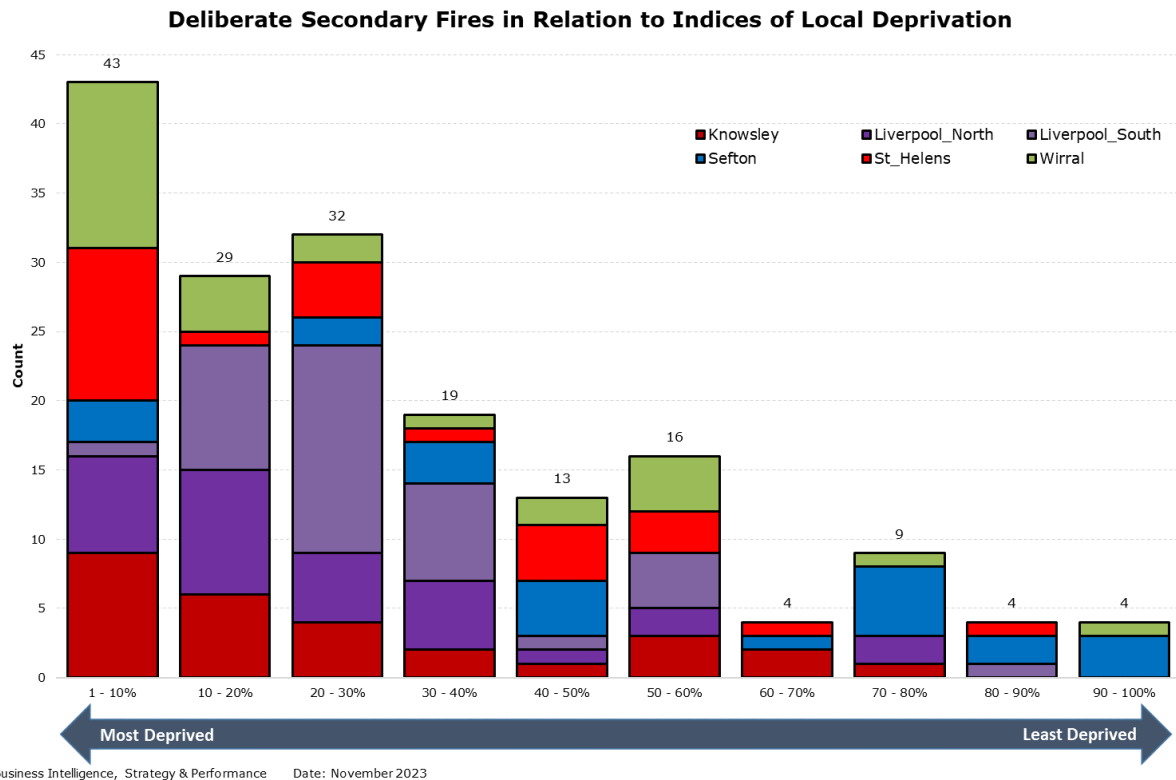


Chart 5 graphically illustrates the link between deliberate secondary fire incidents & areas of deprivation. The chart clearly identifies that more deliberate fire incidents occur in areas of high deprivation as opposed to areas of least deprivation.

6. Appendices

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

⁷ The chart axis runs from 1-10% which represents the most deprived areas of Merseyside and 91-100% which represents the least deprived

Table 8: Wards by District

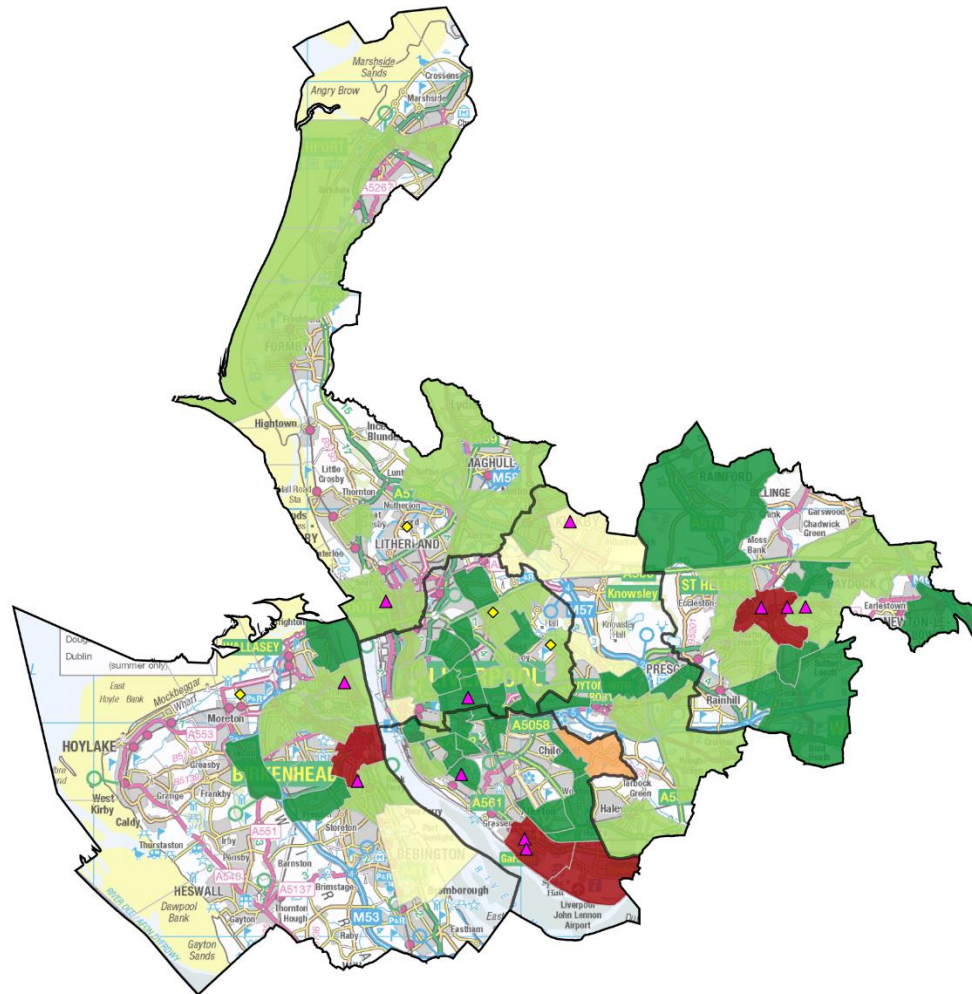
| Knowsley | Liverpool North | Liverpool South | Sefton | St Helens | Wirral |
|-------------------|---------------------------|----------------------------|----------------------|----------------------------|----------------------------------|
| Cherryfield | Anfield | Aigburth | Ainsdale | Billinge and Seneley Green | Bebington |
| Halewood North | Broadgreen | Allerton | Birkdale | Blackbrook | Bidston and St James |
| Halewood South | Brownlow Hill | Arundel | Blundellsands | Bold | Birkenhead and Tranmere |
| Northwood | City Centre North | Belle Vale | Cambridge | Earlestown | Bromborough |
| Page Moss | Clubmoor East | Calderstones | Church Sefton | Eccleston | Clatterbridge |
| Prescot North | Clubmoor West | Canning | Derby | Haydock | Clughton |
| Prescot South | County | Childwall | Dukes | Moss Bank | Eastham |
| Roby | Croxteth | Church | Ford | Newton | Greasby Frankby and Irby |
| Shevington | Croxteth County Park | City Centre South | Harington | Parr | Heswall |
| St. Gabriels | Everton East | Dingle | Kew | Rainford | Hoyle and Meols |
| St. Michaels | Everton North | Edge Hill | Linacre | Rainhill | Leasowe and Moreton East |
| Stockbridge | Everton West | Festival Gardens | Litherland | Sutton | Liscard |
| Swanside | Fazakerley East | Garston | Manor | Thatto Heath | Moreton West and Saughall Massie |
| Whiston & Cronton | Fazakerley North | Gateacre | Meols | Town Centre | New Brighton |
| Whitefield | Fazakerley West | Grassendale & Cressington | Molyneux | West Park | Oxton |
| | Kensington & Fairfield | Greenbank Park | Netherton and Orrell | Windle | Pensby and Thingwall |
| | Kirkdale East | Mossley Hill | Norwood | | Prenton |
| | Kirkdale West | Much Woolton & Hunts Cross | Park Sefton | | Rock Ferry |
| | Knotty Ash & Dovecot Park | Penny Lane | Ravenmeols | | Seacombe |
| | Norris Green | Princes Park | St Oswald | | Upton |
| | Old Swan East | Sefton Park | Sudell | | Wallasey |
| | Old Swan West | Smithdown | Victoria | | West Kirby and Thurstaston |
| | Orrell Park | Speke | | | |
| | Sandfield Park | Springwood | | | |
| | Tuebrook | St Michaels | | | |
| | Brecksides Park | | | | |
| | Tuebrook Larkhill | Toxteth | | | |
| | Vauxhall | Waterfront South | | | |
| | Walton | Wavertree Garden Suburb | | | |
| | Waterfront North | Wavertree Village | | | |
| | West Derby Deysbrook | Woolton Village | | | |
| | West Derby Leyfield | | | | |
| | West Derby Muirhead | | | | |
| | Yew Tree | | | | |

Map 1: Geographical Breakdown of Incidents across Merseyside

Legend
Thematic Key

| | |
|-----------------------|------|
| 1 to <2 incidents | (29) |
| 2 to <4 incidents | (34) |
| 4 to <6 incidents | (5) |
| 6 to <8 incidents | (1) |
| More than 8 incidents | (4) |

Ward Boundary
 District Boundary

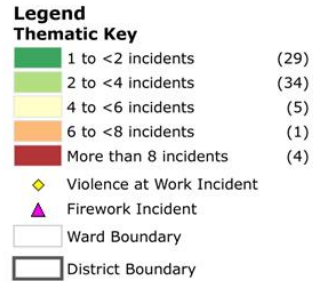


Distribution of Deliberate Secondary Fires during 2023 Bonfire Period overlaid with incidents of Violence at Work and Fireworks

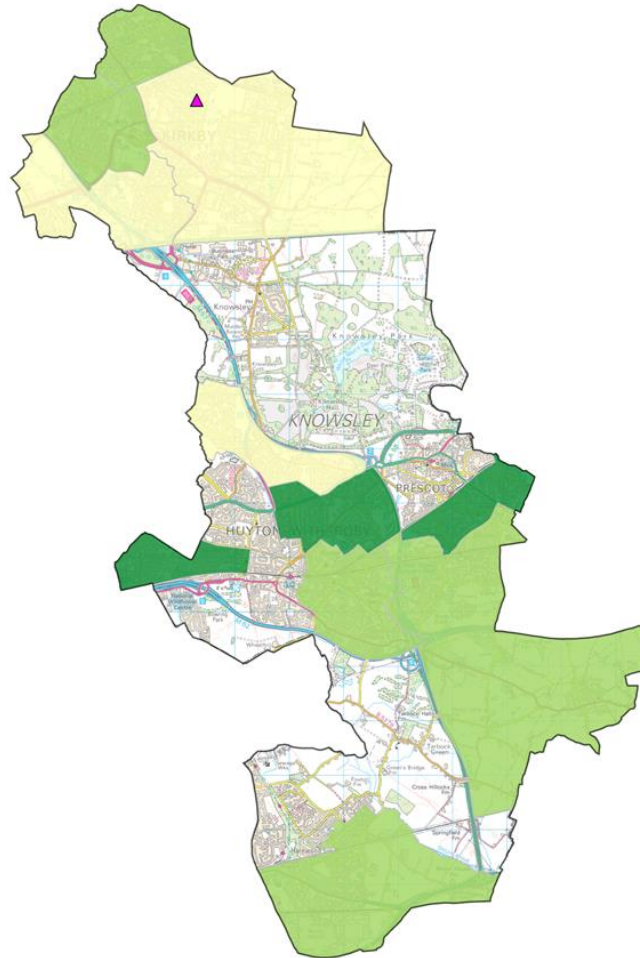
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Map 2: Geographical Breakdown of Incidents in Knowsley



| Ward | Count |
|---------------------------|-------|
| Stockbridge | 5 |
| Cherryfield | 4 |
| Northwood | 4 |
| Shevington | 3 |
| Halewood South | 2 |
| St. Gabriels | 2 |
| Whiston & Cronton | 2 |
| Whitefield | 2 |
| Knotty Ash & Dovecot Park | 1 |
| Prescot South | 1 |
| St. Michaels | 1 |
| Swanside | 1 |



Firework Incidents

| Ward | Count |
|-----------|-------|
| Northwood | 1 |

VAW Incidents

| Ward | Count |
|------|-------|
|------|-------|

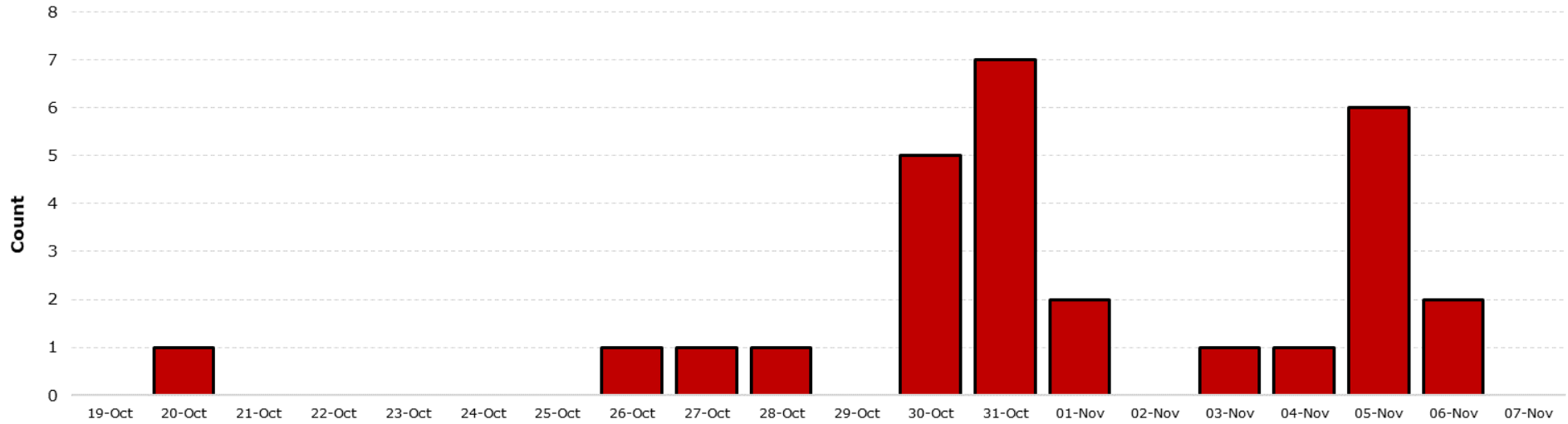
Distribution of Deliberate Secondary Fires during 2023 Bonfire Period overlaid with incidents of Violence at Work and Fireworks - Knowsley

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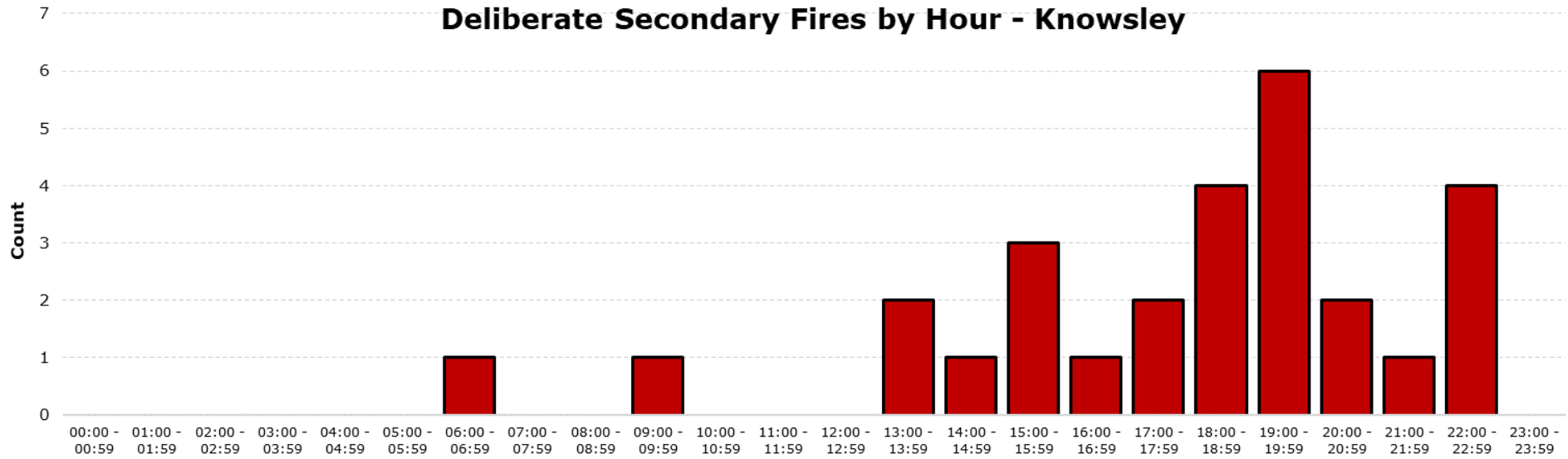


Chart 5: Temporal Breakdown of Incidents in Knowsley

Deliberate Secondary Fires by Date - Knowsley



Deliberate Secondary Fires by Hour - Knowsley



Business Intelligence, Strategy & Performance Date: November 2023

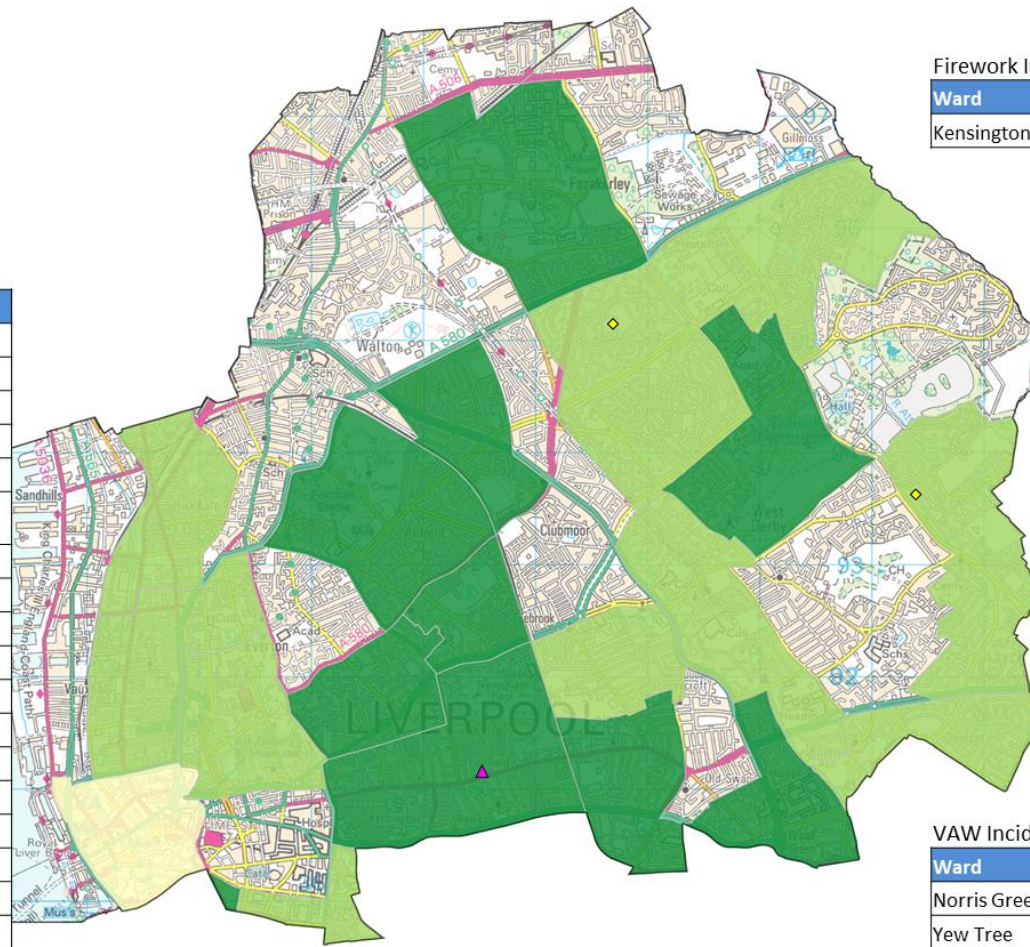
Map 2: Geographical Breakdown of Incidents in Liverpool North

Legend

Thematic Key

- 1 to <2 incidents (29)
- 2 to <4 incidents (34)
- 4 to <6 incidents (5)
- 6 to <8 incidents (1)
- More than 8 incidents (4)
- Violence at Work Incident
- Firework Incident
- Ward Boundary
- District Boundary

| Ward | Count |
|---------------------------|-------|
| City Centre North | 4 |
| Vauxhall | 3 |
| Croxteth | 2 |
| Everton West | 2 |
| Kirkdale West | 2 |
| Knotty Ash & Dovecot Park | 2 |
| Norris Green | 2 |
| Sandfield Park | 2 |
| Stoneycroft | 2 |
| Yew Tree | 2 |
| Anfield | 1 |
| Broadgreen | 1 |
| Clubmoor West | 1 |
| Everton East | 1 |
| Fazakerley West | 1 |
| Kensington & Fairfield | 1 |
| Tuebrook Breckside Park | 1 |
| West Derby Muirhead | 1 |



Firework Incidents

| Ward | Count |
|------------------------|-------|
| Kensington & Fairfield | 1 |

VAW Incidents

| Ward | Count |
|--------------|-------|
| Norris Green | 1 |
| Yew Tree | 1 |

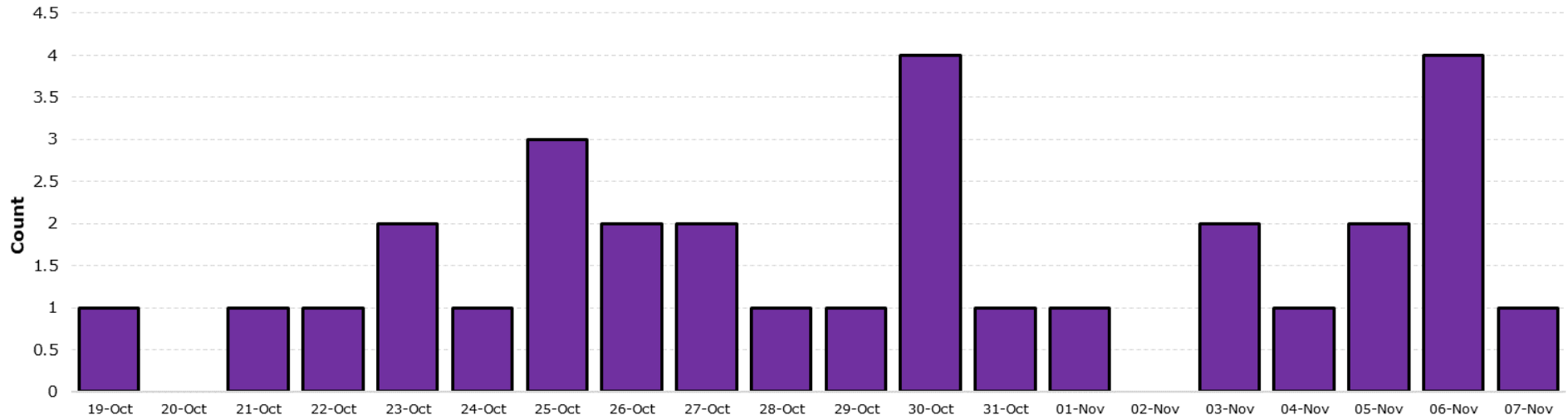
Distribution of Deliberate Secondary Fires during 2023 Bonfire Period overlaid with incidents of Violence at Work and Fireworks - Liverpool North

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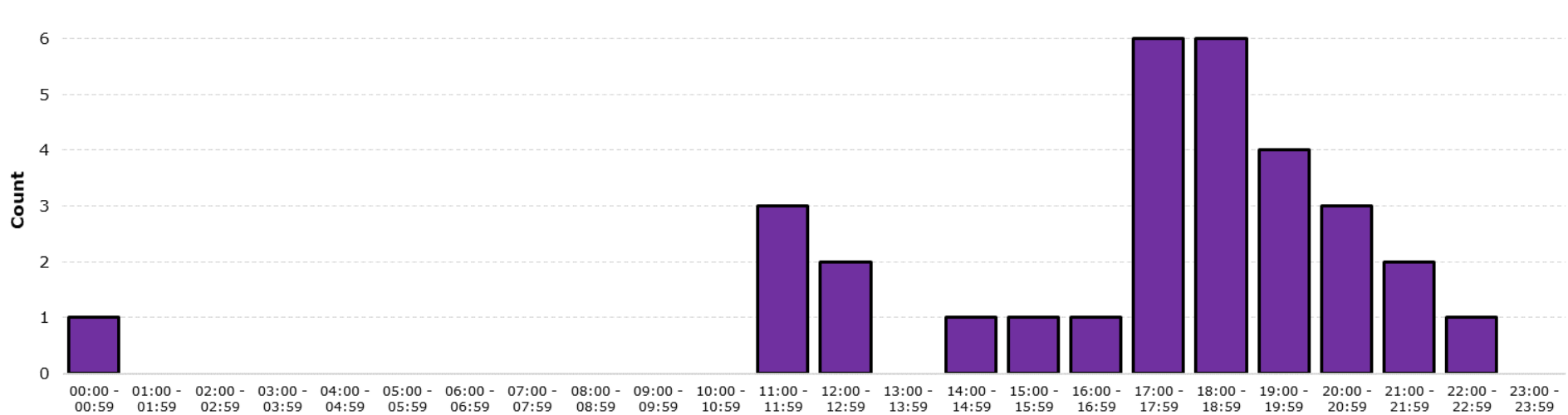


Chart 6: Temporal Breakdown of Incidents in Liverpool North

Deliberate Secondary Fires by Date - Liverpool North



Deliberate Secondary Fires by Hour - Liverpool North

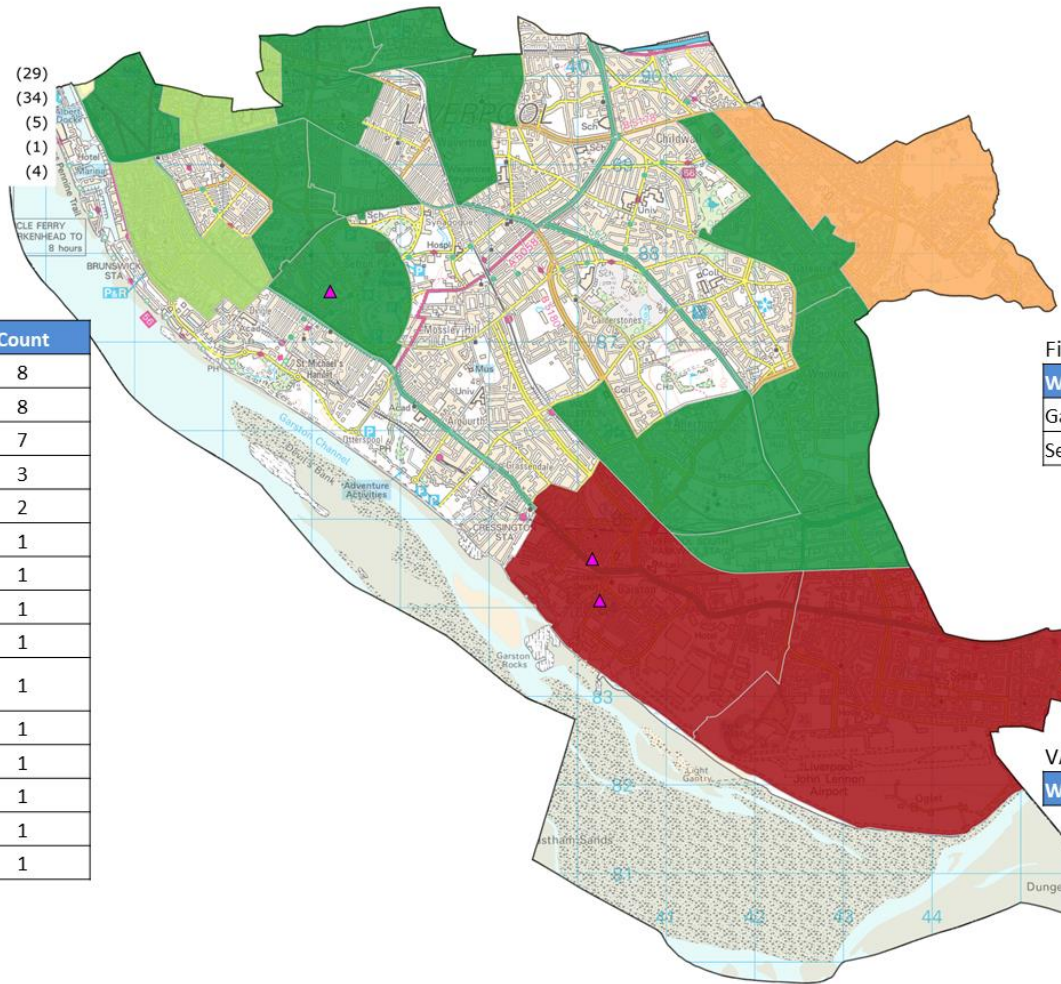


Map 3: Geographical Breakdown of Incidents in Liverpool South

Legend
Thematic Key

- 1 to <2 incidents
- 2 to <4 incidents
- 4 to <6 incidents
- 6 to <8 incidents
- More than 8 incidents
- Violence at Work Incident
- Firework Incident
- Ward Boundary
- District Boundary

| Ward | Count |
|----------------------------|-------|
| Garston | 8 |
| Speke | 8 |
| Belle Vale | 7 |
| Canning | 3 |
| Dingle | 2 |
| Arundel | 1 |
| City Centre South | 1 |
| Edge Hill | 1 |
| Gateacre | 1 |
| Much Woolton & Hunts Cross | 1 |
| Old Swan West | 1 |
| Princes Park | 1 |
| Sefton Park | 1 |
| Springwood | 1 |
| Wavertree Village | 1 |



Firework Incidents

| Ward | Count |
|-------------|-------|
| Garston | 2 |
| Sefton Park | 1 |

VAW Incidents

| Ward | Count |
|------|-------|
|------|-------|

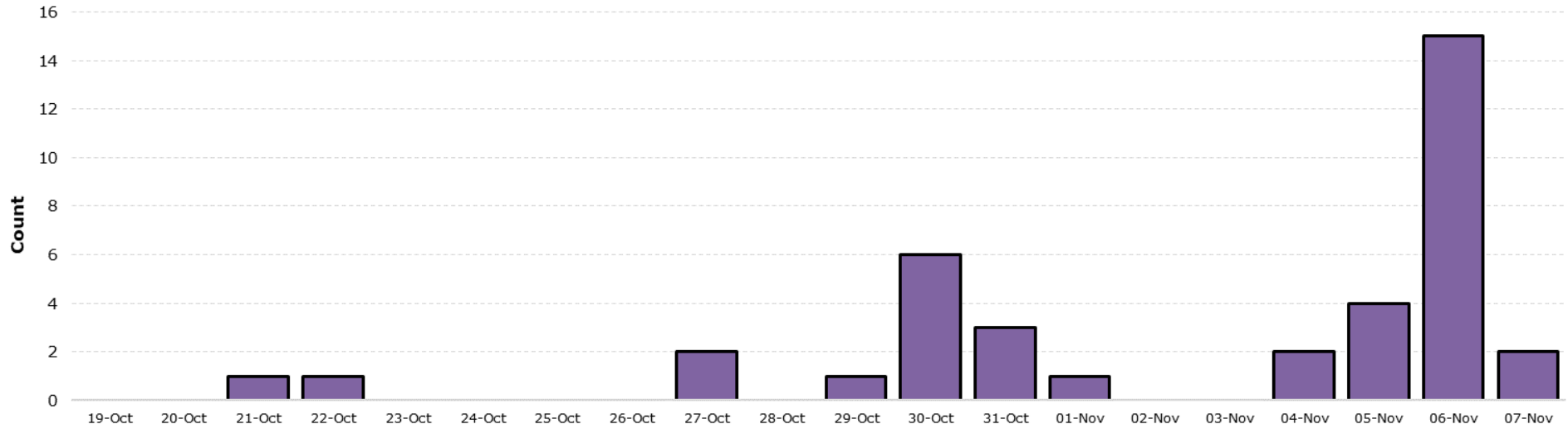
Distribution of Deliberate Secondary Fires during 2023 Bonfire Period overlaid with incidents of Violence at Work and Fireworks - Liverpool South

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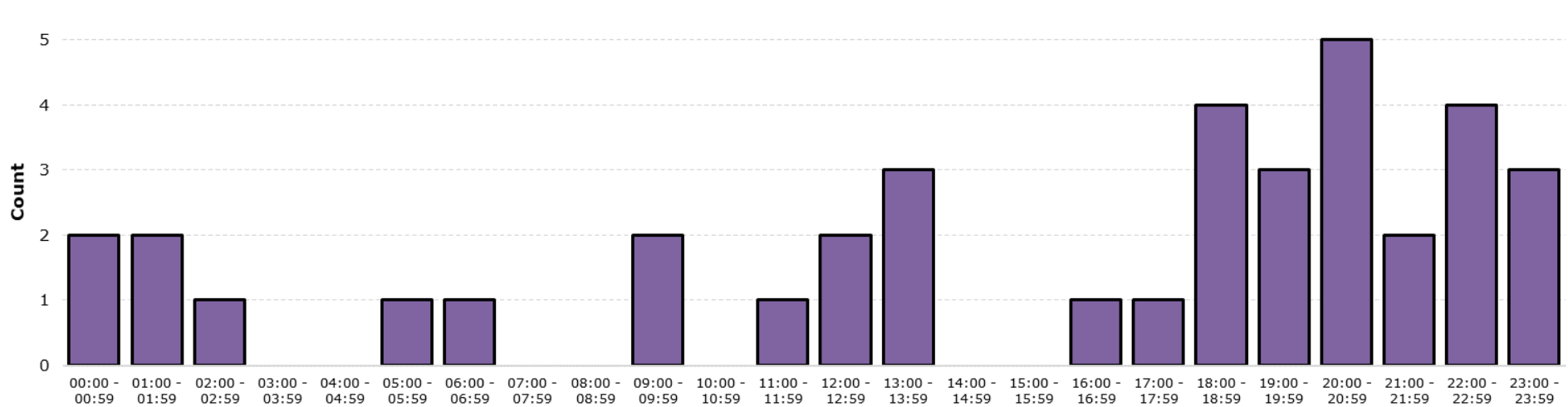


Chart 7: Temporal Breakdown of Incidents in Liverpool South

Deliberate Secondary Fires by Date - Liverpool South



Deliberate Secondary Fires by Hour - Liverpool South



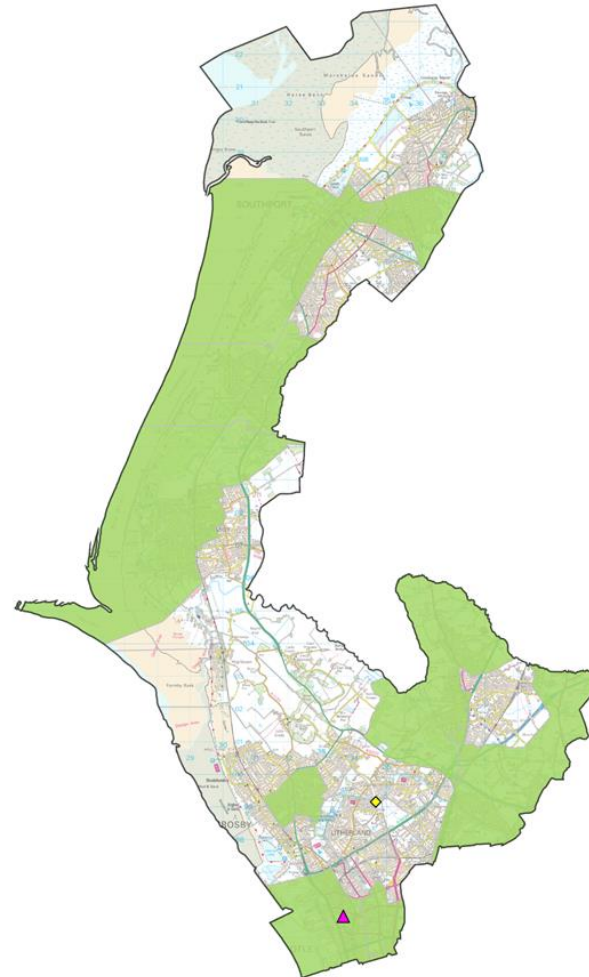
Map 4: Geographical Breakdown of Incidents in Sefton

Legend
Thematic Key

- 1 to <2 incidents (29)
- 2 to <4 incidents (34)
- 4 to <6 incidents (5)
- 6 to <8 incidents (1)
- More than 8 incidents (4)

- ◆ Violence at Work Incident
- ▲ Firework Incident
- ▭ Ward Boundary
- ▭ District Boundary

| Ward | Count |
|-------------|-------|
| Derby | 3 |
| Dukes | 3 |
| Linacre | 3 |
| Norwood | 3 |
| Victoria | 3 |
| Ainsdale | 2 |
| Harington | 2 |
| Molyneux | 2 |
| Park Sefton | 2 |



Firework Incidents

| Ward | Count |
|---------|-------|
| Linacre | 1 |

VAW Incidents

| Ward | Count |
|------|-------|
| Ford | 1 |

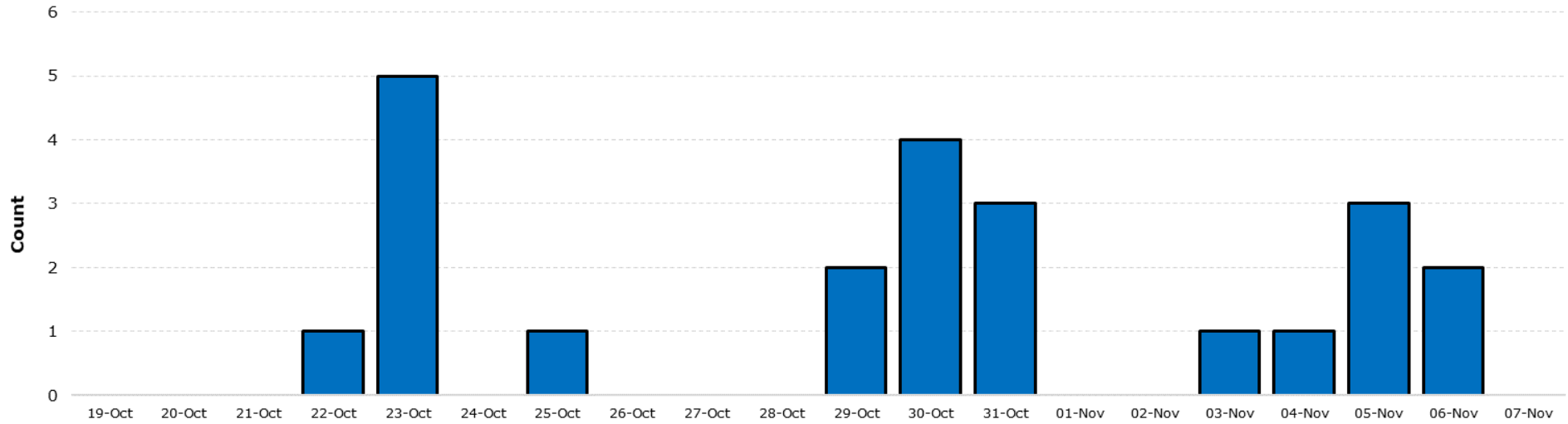
Distribution of Deliberate Secondary Fires during 2023 Bonfire Period overlaid with incidents of Violence at Work and Fireworks - Sefton

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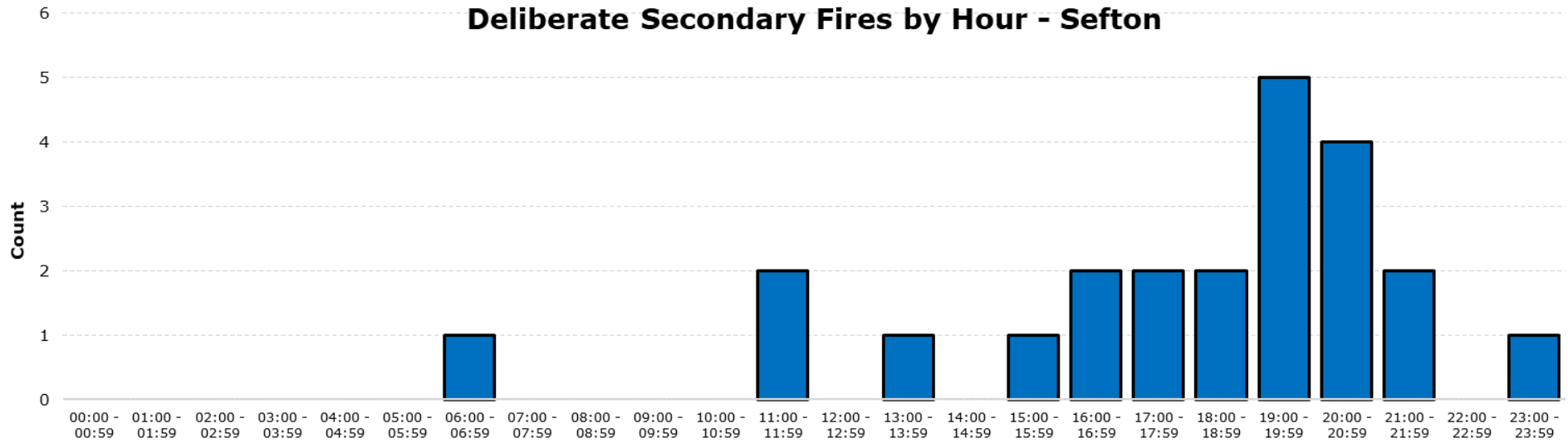


Chart 8: Temporal Breakdown of Incidents in Sefton

Deliberate Secondary Fires by Date - Sefton



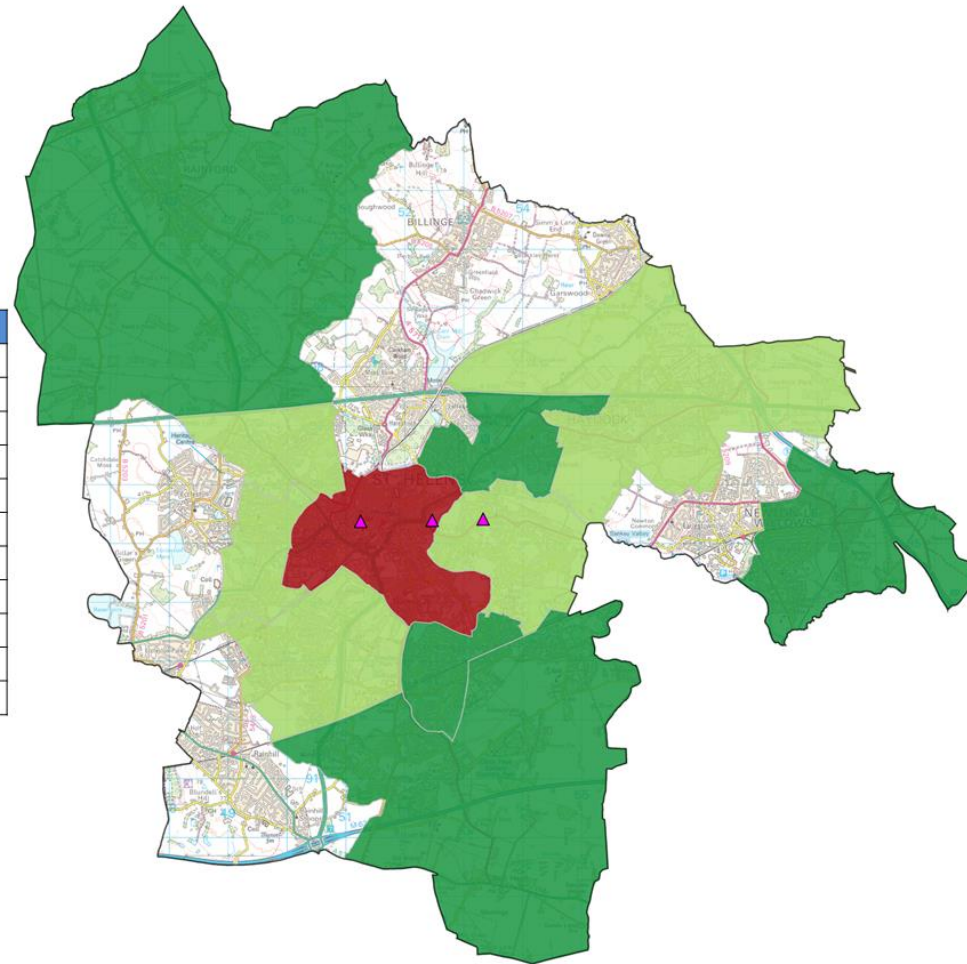
Deliberate Secondary Fires by Hour - Sefton



Map 5: Geographical Breakdown of Incidents in St Helens

- Legend**
Thematic Key
- 1 to <2 incidents (29)
 - 2 to <4 incidents (34)
 - 4 to <6 incidents (5)
 - 6 to <8 incidents (1)
 - More than 8 incidents (4)
 - ◆ Violence at Work Incident
 - ▲ Firework Incident
 - ▭ Ward Boundary
 - ▭ District Boundary

| Ward | Count |
|--------------|-------|
| Town Centre | 10 |
| West Park | 3 |
| Haydock | 2 |
| Parr | 2 |
| Thatto Heath | 2 |
| Windle | 2 |
| Blackbrook | 1 |
| Bold | 1 |
| Newton | 1 |
| Rainford | 1 |
| Sutton | 1 |



Firework Incidents

| Ward | Count |
|-------------|-------|
| Town Centre | 2 |
| Parr | 1 |

VAW Incidents

| Ward | Count |
|------|-------|
|------|-------|

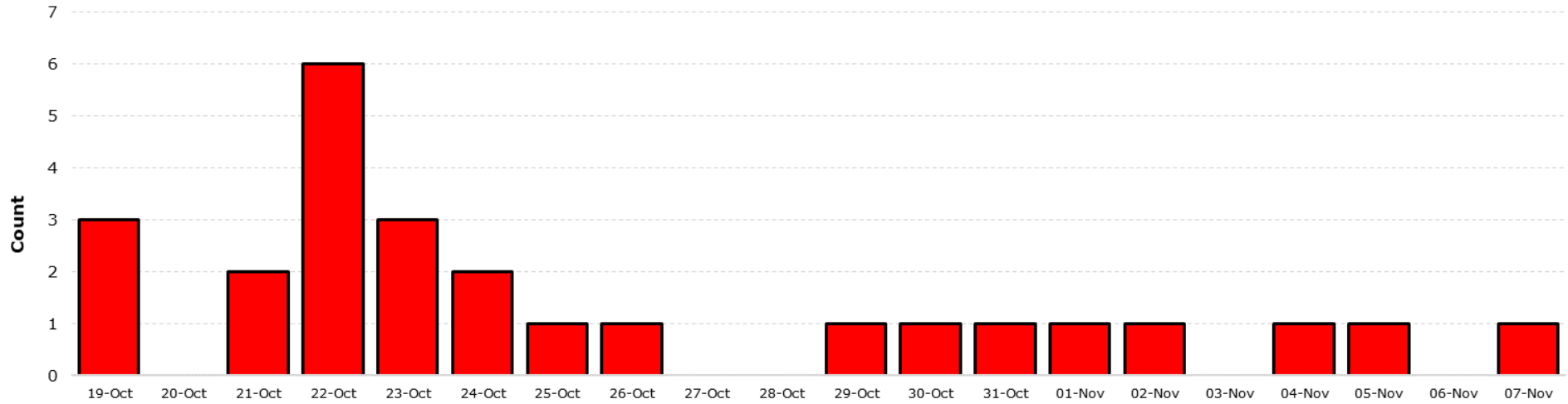
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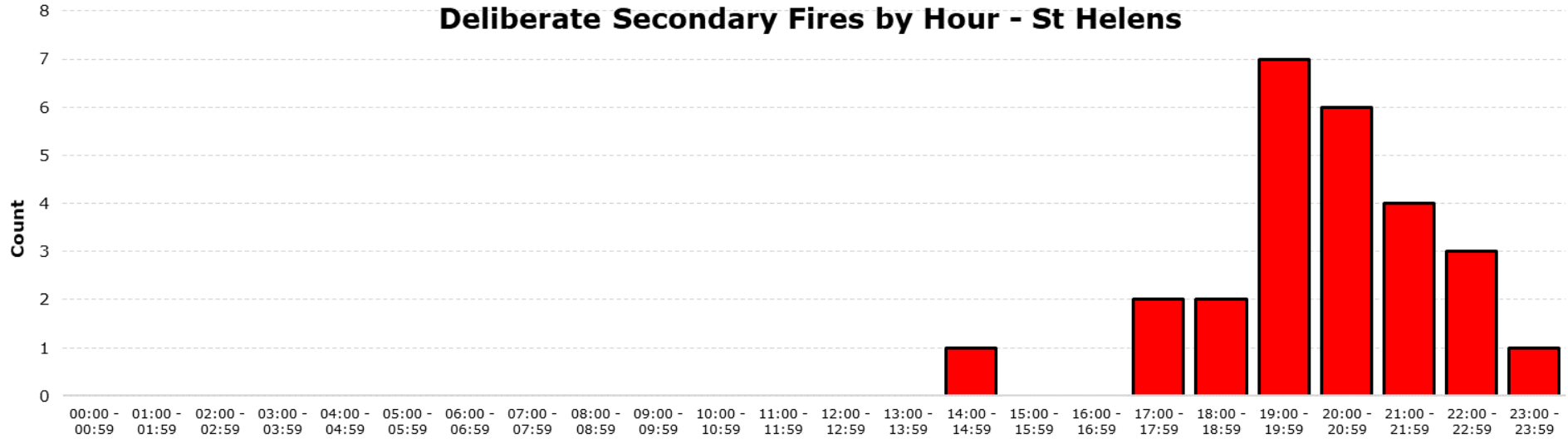


Chart 9: Temporal Breakdown of Incidents in St Helens

Deliberate Secondary Fires by Date - St Helens



Deliberate Secondary Fires by Hour - St Helens

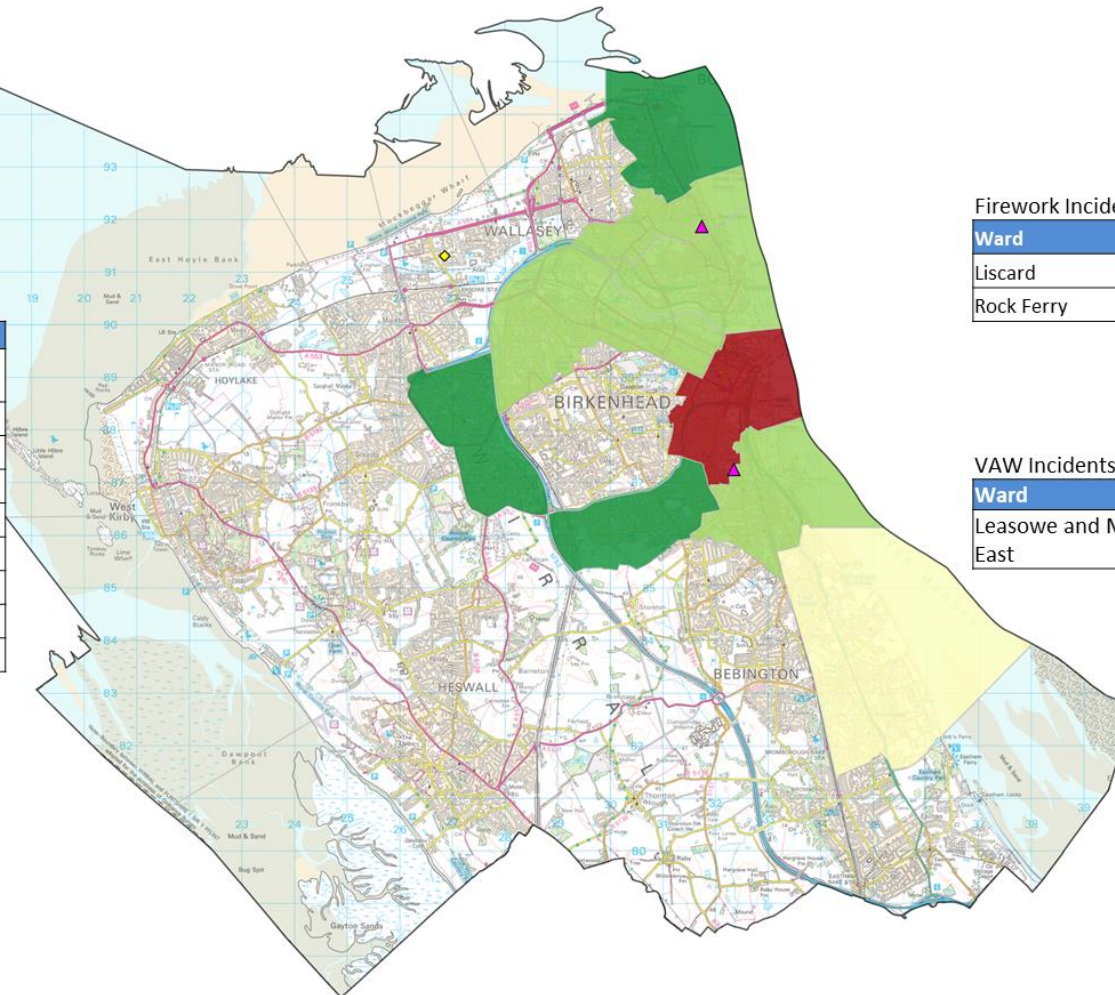


Map 6: Geographical Breakdown of Incidents in Wirral

Legend
Thematic Key

- 1 to <2 incidents (29)
- 2 to <4 incidents (34)
- 4 to <6 incidents (5)
- 6 to <8 incidents (1)
- More than 8 incidents (4)
- Violence at Work Incident
- Firework Incident
- Ward Boundary
- District Boundary

| Ward | Count |
|-------------------------|-------|
| Birkenhead and Tranmere | 9 |
| Bromborough | 5 |
| Rock Ferry | 3 |
| Seacombe | 3 |
| Bidston and St James | 2 |
| Liscard | 2 |
| New Brighton | 1 |
| Prenton | 1 |
| Upton | 1 |



Firework Incidents

| Ward | Count |
|------------|-------|
| Liscard | 1 |
| Rock Ferry | 1 |

VAW Incidents

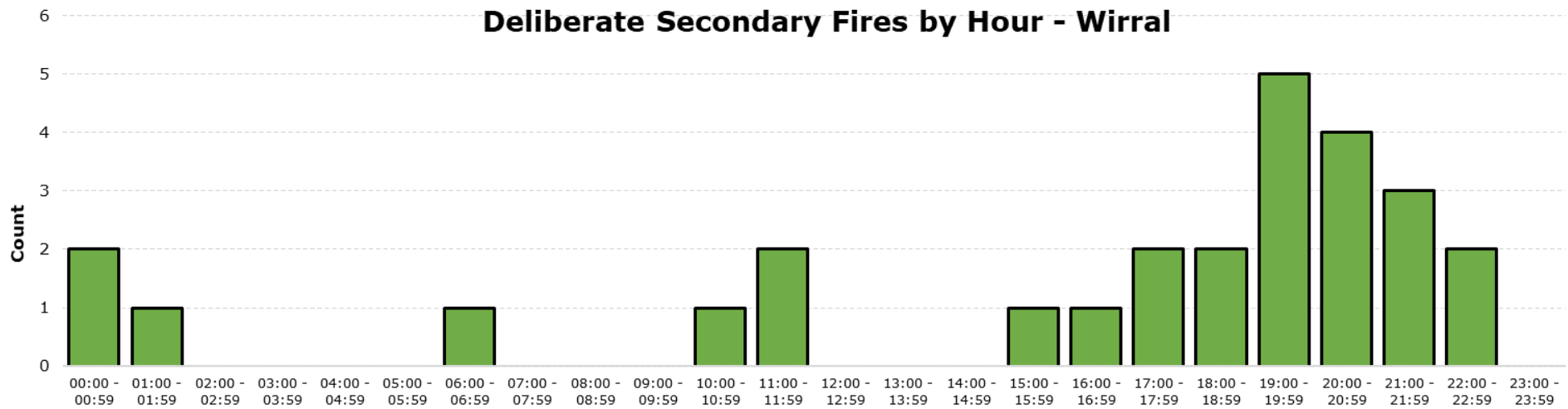
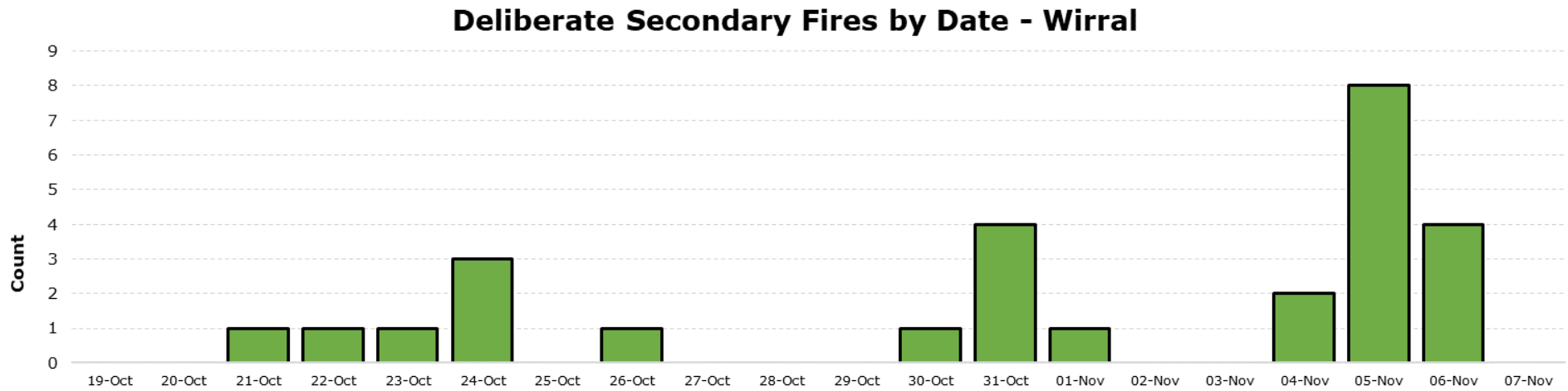
| Ward | Count |
|--------------------------|-------|
| Leasowe and Moreton East | 1 |

Distribution of Deliberate Secondary Fires during 2023 Bonfire Period overlaid with incidents of Violence at Work and Fireworks - Wirral

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Chart 10: Temporal Breakdown of Incidents in Wirral



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