DUBLIN FIRE BRIGADE



ANNUAL REPORT 2024



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Comhairle Contae Fhine Gall Fingal County Council





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FOREWORD from the Chief Fire Officer

As the Chief Fire Officer, Dublin Fire Brigade, I am pleased to present this annual report which includes an overview and some highlights of what has been another challenging and demanding year. During the last year, our Service has continued to be very busy and faced many challenges. We have seen firsthand the pressures we are all facing and responding to, including the effects of climate change and the increased demand on the public sector.

In this year's report, we set out the activities and accomplishments for the Dublin Fire Brigade (DFB) for 2024. The report outlines the commitments to improve community safety, response and resilience, it also provides an account of the remit and broad spectrum of Fire Safety, Operational, Planning and Strategic Service activities performed throughout 2024.

As an integrated fire based emergency medical service DFB provides a range of first response and preventative services to the people and business communities that constitute Dublin City and County. Our overarching guiding vision is to make Dublin a safe place to live, work and visit. The scale and scope of our services covers numerous areas including fires, road traffic collisions, hazardous materials, water rescue, fire safety and fire education. DFB is also actively involved in all Major Emergency Management preparation and crisis / risk management responses at a regional national and indeed international level.

The annual report provides details on our finances and resources and gives an insight into our future plans. I would like to welcome 62 new recruits who entered into our service during 2024 and look forward to the additional recruits who will join our ranks in 2025.

We will continue to reach out and engage with the wider public on a range of safety issues all with the aim of protecting our community from the dangers of fires, road traffic collisions and other types of



emergency incidents. While we recognise that, we will face challenges in the years ahead, this report recognises the fantastic public service that is being provided by our staff to the people of Dublin and we will continue to build upon the strong foundations highlighted in this report.

Ensuring Dublin Fire Brigade is a safe, positive and inclusive environment for all of our people is a priority. We continue to work on improvements in work location facilities and supporting positive long-term workplace cultural initiatives.

Along with providing a swift and effective response to incidents, one of the Service's aims is to educate people on how to prevent fires and other emergencies. Our Service works with schools, businesses, residents, and community groups throughout Dublin to raise awareness and educate people about a wide variety of safety issues.



Key to our success is that our greatest asset is the women and men who serve in DFB. They serve the community with professionalism, and make a progressive, inclusive and effective Fire & Ambulance Service. I'm also thankful for the ongoing support from the Management and Councillors of Dublin City Council, Dún Laoghaire-Rathdown County Council, South Dublin County Council and Fingal County Council, our public safety partners, and the different operational divisions within the various councils.

We are committed to our core purpose of providing our communities with sustainable, high quality firefighting, rescue and preventative services, and we want to thank all our staff who continue to work with great professionalism and dedication to help achieve this. The achievements from last year are clear evidence of this dedication and we believe we are well placed to meet the challenges of forthcoming years.

This Annual Report provides you with an overview of our performance and the work that we have undertaken in the last year. We hope it provides assurance that your fire service is working hard to keep you safe and respond when necessary, whilst providing good value for money. I am happy to present you with our 2024 Annual Report.

Dennie Keefer

DENNIS KEELEY Chief Fire Officer | Dublin Fire Brigade



 Processed 225,358 Emergency Calls 178,264 Ambulance & 47,094 Fire Rescue Maintained Accredited Centre of Excellence Emergency Medical Interventions 5,135 Critical Medical Emergency Incidents 473 Cardiac Arrest Interventions 61,894 patients treated & transported to hospital 	
Fire Safety• 1,642 Fire Safety Certificate Applications• 101 Petroleum Vapour Emissions Certificates issued• 184 inspections of flammable fuel stores carried out• 265 Dangerous Substance Licence applications issued	
 Fraining 4. Argest Fire, Rescue & Emergency Medical Services Training 6. Servicits in training 1. Alcost Training Days for DFB personnel of all grades 6. Servicits in training 	

Total Fire Interver Community Fire Safety Interventions	 National Fire Safety Week 2 2,700 smoke detectors and distributed as part of a nat 	ergency Medical Mobilisations e & Emergency Mobilisations 2024 d 75 hard of hearing smoke dete ional Smoke Alarm Programme contacted for bfiresafe@school	ctors
Fire Safety Advice interventions Major Emerge	 103 large and 138 smaller E 1,402 notifications received 11 Fire Safety Notices serve 6 prosecutions taken 2,613 inspections carried ou 	ed	

Management

5 Seveso Inter-Agency Exercises Held

2.1 ORGANISATIONAL CHART

Chief Executive Dublin City Council

Chief Fire Officer Dublin Fire Brigade

Assistant CFO Training, EMS & Operations **Michael O'Reilly**

Assistant CFO Logistics **Richard Hedderman** Assistant CFO MEM, Projects, Civil Defence, IR/HR **Greg O'Dwyer**

Third Officers x 6 Civil Defence Officer

Assistant Civil Defence Officers

District Officers

Station Officers

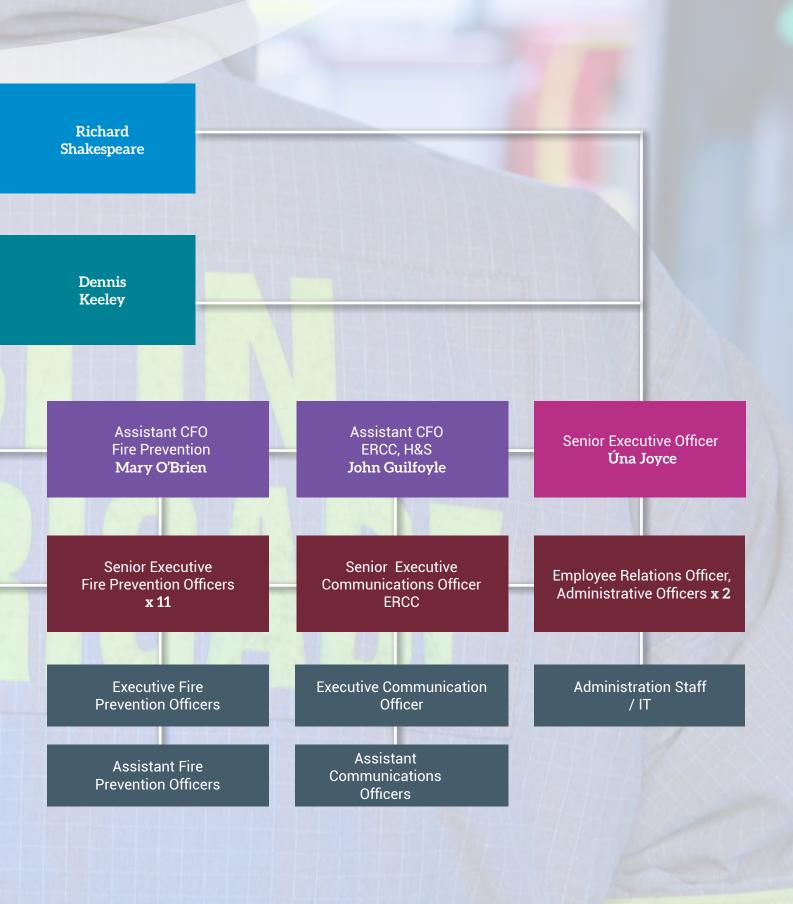
Sub Officers

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Firefighters

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Emergency Service Controllers



OPERATIONAL 2.2 RESOURCE ALLOCATION

No.1 Station (D1) No.2 Station (D2) No.3 Station (D3) No.4 Station (D4) No.5 Station (D5) No.6 Station (D6) No.7 Station (D7) No.8 Station (D8) No.9 Station (D9) HQ Station (D10) No.12 Station (D12) **No. 13 Station (D13)** No.23 Station (D23) No.24 Station (D24)

Donnybrook, DCC **Dolphins Barn, DCC** Phibsboro, DCC North Strand, DCC Finglas, DCC Kilbarrack, DCC Tallaght, SDCC Rathfarnham, DLRCC Blanchardstown, FCC **Townsend Street, DCC** Dún Laoghaire, DLRCC Swords, FCC Balbriggan FCC (Retained) Skerries FCC (Retained)

D24 Skerries

D23 Balbriggan

No.1 Station (D1) **ALPHA DISTRICT** Donnybrook, DCC

2 x Water Tenders (DN11A1 & DN11A2) x Haz Mat Unit (DN11G1) x Ambulance (DN11D1) x District Officer Command Vehicle (DN11R1)

No.2 Station (D2) **BRAVO DISTRICT Dolphins Barn, DCC**

2 x Water Tenders (DN12A1 & DN12A2) 1 x Emergency Rescue Tender (DN12B1) 1 x Ambulance (DN12D1) 1 x District Officer Command Vehicle (DN12R1)

No.3 Station (D3) **CHARLIE DISTRICT** Phibsboro, DCC

2 x Water Tenders (DN13A1 & DN13A2) 1 x Water Tanker (DN13K1) 1 x Emergency Rescue Tender (DN13B1) 1 x Ambulance (DN13D1)

1 x District Officer Command Vehicle (DN13R1)

CU II MININE I

No.4 Station (D4) **DELTA DISTRICT** North Strand, DCC

- 2 x Water Tenders (DN14A1 & DN14A2) 1 x Tunnel Response Vehicle (DN14A5)
- 2 x Ambulances (DN14D1 & DN14D2)
- 1 x District Officer Command Vehicle (DN14R1)



Bhriogáid Dóiteáin Bhaile Átha Cliath **DUBLIN FIRE BRIGADE**

SDCC

No.5 Station (D5) FOXTROT DISTRICT Finglas, DCC

1 x Water Tenders (DN15A1) 1 x Ambulance (DN15D5) 1 x District Officer Command Vehicle (DN15R1)

No.6 Station (D6) DELTA DISTRICT Kilbarrack, DCC

1 x Water Tenders (DN16A1) 1 x Ambulance (DN16D1)

No.7 Station (D7) BRAVO DISTRICT Tallaght, SDCC

2 x Water Tenders (DN17A1 & DN17A2) 1 x Ambulance (DN17D1)

No.8 Station (D8) ALPHA DISTRICT Rathfarnham, DLRCC

1 x Water Tenders (DN18A1) 1 x Ambulance (DN18D1)

No.9 Station (D9) CHARLIE DISTRICT Blanchardstown, FCC

1 x Water Tenders (DN19A1) 1 x Ambulance (DN19D1)

HQ Station (D10) ECHO DISTRICT Townsend Street, DCC

- 2 x Water Tenders (DN21A1 & DN21A2)
- 2 x Aerial Turntable Ladders (DN21F1 & DN21F2)
- 1 x Mass Casualty Unit (DN21L2)
- 1 x Logistical Support Van (DN21L1) 1 x Incident Command Unit (DN21C1)
- 2 x Ambulance (DN21D1 & DN21D2)
- 1 x District Officer Command Vehicle (DN21R1)

No.12 Station (D12) ALPHA DISTRICT Dún Laoghaire, DLRCC

2 x Water Tenders (DN22A1 & DN22A2) 1 x HP Aerial Platform (DN22E1) 1 x Ambulance (DN22D1)

No. 13 Station (D13) FOXTROT DISTRICT Swords, FCC

1 x Water Tenders (DN25A1) 1 x Ambulance (DN25D1)

No.23 Station (D23) FOXTROT DISTRICT Balbriggan, FCC (Retained)

1 x Water Tender (DN23A1)

No.24 Station (D24) FOXTROT DISTRICT Skerries, FCC (Retained)

1 x Water Tender (DN24A1)

OPERATIONAL SUPPORT UNIT

Training Centre Logistics EMS ERCC Health & Safety Fire Prevention Projects Administration

3 OPERATIONS REPORT

Dublin Fire Brigade is proud to provide a combined Fire-EMS & Rescue service for Dublin City and County and is continuously evaluating the entire range of fire and rescue hazards that our communities can expect to face every day. In 2024 DFB handled 225,358 emergency 999/112 calls. There were 81,435 mobilisations of emergency medical services across the four Local Authorities and 37,182 fire and rescue mobilisations.

DFB utilises the Eastern Region Communications Centre (ERCC), a nationally and internationally accredited Training Centre, 12 full-time and 2 retained fire stations, a Fire Prevention/Enforcement Section, an Administration Section, and a Logistics Section to effectively run this service. We help to ensure that fire safety laws are enforced and concentrate our fire prevention and protection efforts on those who are most vulnerable to fires. When a member of the public dials 999/112, which is routed to the Eastern Region Communication Centre (ERCC), DFB reacts promptly with the required equipment, skillsets, and weight of attack to handle the situation successfully. We continue to work with other agencies, such as An Garda Síochána, the National Ambulance Service, the Health Service Executive, the Irish Coastguard, and the Irish Defence Forces, to conduct simulation exercises to make sure we can provide a professional and assured service in the event of an emergency.

DFB accepted 62 new recruits into operational duty in 2024. There were eleven newly appointed District Officers who participated in a District Officers Development course and thirteen newly appointed Sub-Officers who participated in a Junior Officers Development course during 2024. In addition to this the collaboration with Oscar's Kids Charity in the Oscar District continued with DFB welcoming 18 new honorary Oscar Badges in 2024. The appointed Officers and new members of DFB joined the experienced Officers and Firefighter/ Paramedics who are currently serving a population of 1.46 million across six districts within Dublin City and County.



During 2024, operational crews continued to carry out familiarisation visits to locations within their districts. These familiarisation visits consisted of visual inspections which provided operational personnel the opportunity to familiarise themselves first hand with site specific information associated with the various premises.

In 2024, one of the most well-known of these was a site visit to the new location of the National Children's Hospital Ireland at St James's Hospital. Operational Crews from both Echo and Bravo districts respectively were accompanied by members of DFB Senior Management and they were introduced to the site-specific information located on this site in Dublin 8. The site-specific familiarisation included the helipad, water supplies, MRI facility processes, and the radioactive hazardous regions associated with the new National Children's Hospital.

DFB CONTINUES TO PROVIDE A MULTI-FACETED SERVICE INCLUDING THE:

PREVENTION – community safety advice and education

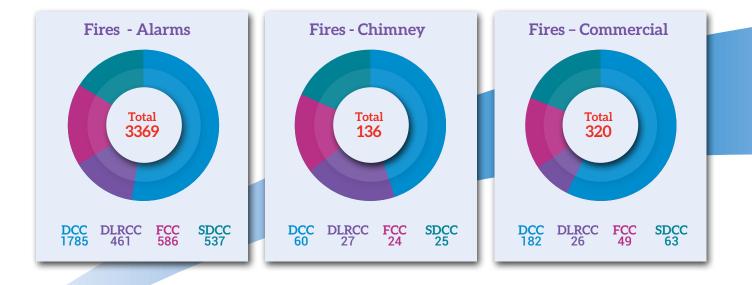
PROTECTION - Technical Fire Safety

RESPONSE – to emergency incidents – Fire EMS and Ambulance



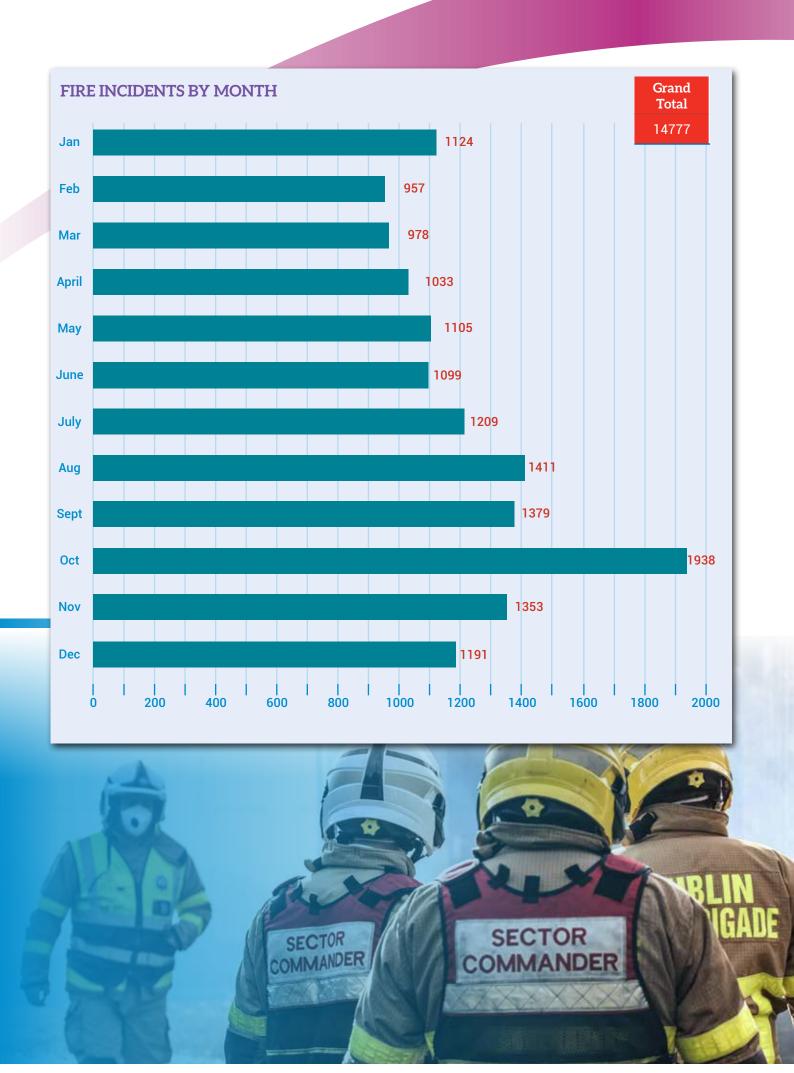
3.1 OPERATIONAL ACTIVITY DATA

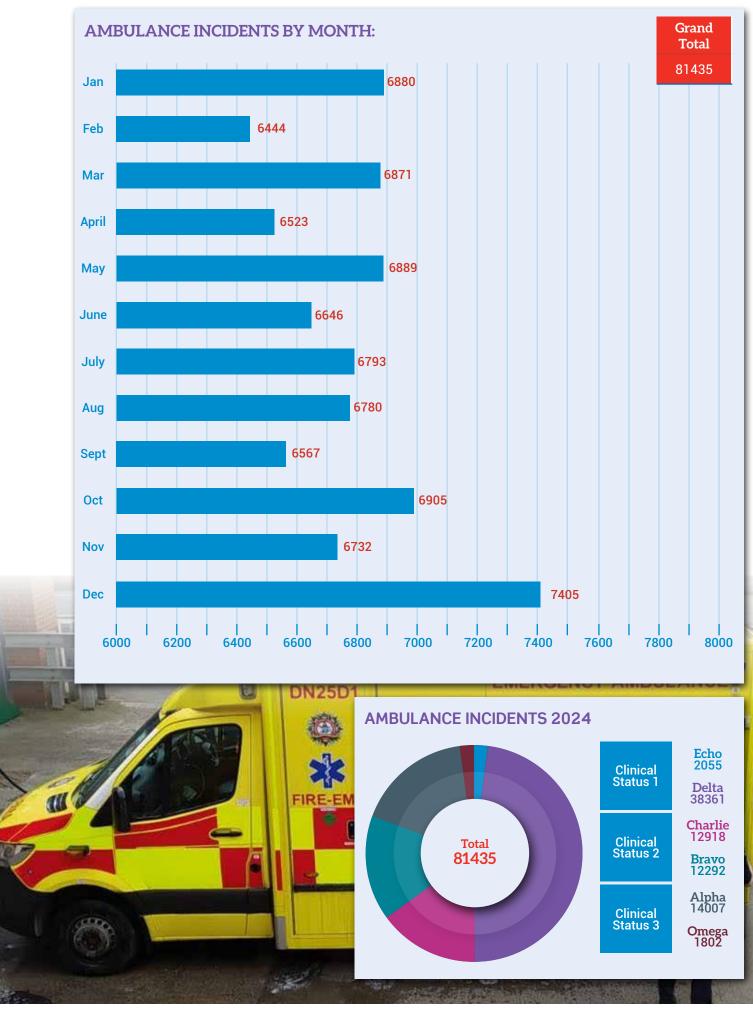
INCIDENT CLASS	Dublin City	Dún Laoghaire Rathdown	Fingal	South Dublin County	Grand Total
Fires - Alarms	1785	461	596	537	3369
Fires - Chimney	60	27	24	25	136
Fires - Commerical	182	26	49	63	320
Fires - Domestic	436	108	175	211	930
Fires - Other	8	39	72	4	123
Fires - Small	1862	482	1068	856	4268
Fires - Vehicles	338	482	188	209	794
Flooding	44	8	6	6	64
Medical Service Intervention	119	140	36	49	344
Road Traffic Collisions	1234	220	649	628	2731
Special Services	982	213	267	236	1698
Grand Total	7050	1783	3120	2824	14777
No of Appliances Mobs to support incidents	18350	4367	7529	6936	37182





ANNUAL REPORT 2024 Tuarascáil Bhliantúil 2024





ANNUAL REPORT 2024 Tuarascáil Bhliantúil 2024

INCIDENT TYPE ACTIVITY DATA

Fire Alarms	3369	S/S Ambass	344
ProQa 29 (Traffic)	2232	S/S Anres	25
Fire Domestic	543	S/S Biklck	9
Fire Aircraft	1	S/S Carbon	125
Fire AircrB	13	S/S Chemical	6
Fire AircrC	30	S/S Electrical	89
Fire AircrD	13	S/S Entrapment	35
Fire Bus	18	S/S Explosion	2
Fire Car	679	S/S Flooding	21
Fire Caravan	21	S/S Gas	35
Fire Chimney	136	S/S Garda Assistance	116
Fire Domestic Persons	319	S/S High	1
Fire Fire	127	S/S Lockout	294
Fire Forest	41	S/S Lift	2
Fire Gorse	25	S/S Lift Persons	216
Fire Grass	4	S/S Luas – In RTA???	3
Fire Hay/Barn	26	S/S MKSCSF	147
Fire High-rise	145	S/S Oil	20
Fire Industrial	166	S/S Other	329
Fire Institution	42	S/S River Rescue	78
Fire Luas	4	S/S RTA	167
Fire Motorbike	4141	S/S SGAS	21
Fire Small	2	S/S STBAIR	5
Fire Truck	55	S/S STORMD	2
Fire Tunnel	1	S/S Trees Down	127
Fire Under	21	S/S Water	43

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MAGIRUS

Grand Total

14777

3.2 ORGANISATIONAL INTELLIGENCE

Established in December 2022, the OIU is headed up by a District Officer (Projects) and three Station Officers who report to the Assistant Chief Fire Officer with responsibilities for Projects. Underpinning Dublin Fire Brigades responsibilities under Section (10) (3) of the Fire Services Act (ACT No.30, 1981 & 2003) and in line with recommendations set out Fire Safety in Ireland Task Force Report, the OIU has been working to develop solutions to gather data to support risk categorisation for the city and county; as well as the development of methods to prioritise premises inspections to enhance the pre-incident planning process and collect essential risk information on buildings.

The OIU are developing digital solutions on an industry leading GIS software platform which facilitates the collection, visualisation and analysis of key information.

Procurement of a full enterprise licencing agreement for use across Dublin City Council was completed in 2024 and access to this licencing agreement has enhanced the ability of the OIU to develop a variety of digital data acquisition, visualisation and intelligence solutions. Procurement for support services for this software has also taken place in 2024 and is now at an advanced stage. Several initiatives have been progressed throughout 2024 including the development and completion of an enhanced process for capturing, mapping and presenting information on DFBs Community Fire Safety engagements. This initiative will allow the brigade to engage in targeted (data driven) Community Fire Safety campaigns whilst also providing a reliable source of data that accurately reflects the diverse and important community-based fire prevention activities carried out by the brigade.

The work carried out by the OIU throughout 2024 sets a foundation for improved systems of data management for DFB. This will allow for the collection and management of reliable information (in line with data governance best practice) to inform strategic and risk management across the brigade.

Work will continue throughout 2025 on several ongoing initiatives to support the Dublin Fire Brigade's transition to a data-driven approach, enabling informed strategy and decision-making for the future.

Work also continues on an innovative collaboration between DFB, DCC, DCU and an industry partner, Bentley Systems, to examine the use of Digital Twin technology in the emergency response environment, with a particular focus on ensuring high levels of automation and data reuse in the creation of these plans, as well as the enduser interface for interacting with this information.



PRE-INCIDENT PLANNING AND PREMISES RISK MODELLING

Pre-Incident Planning is carried out by Dublin Fire Brigade on premises through a risk categorisation and prioritisation process. Pre-Incident Plans are then prepared in advance of an incident containing an overview of particular premises with tabulated information about the associated risks, summarising the critical aspects of that premises from a fire service response perspective.

The objective of the Pre Incident Planning Department is to provide DFB Officers with critical information that may be required to manage an Incident safely. Comprehensive documentation is developed identifying site specific risks, premises occupancy types and fire protection systems.

In 2023, the OIU conducted a comprehensive review of the pre-incident planning process and the associated plans, the results from this review initiated a pilot project which commenced in 2024. The pilot project consisted of transferring segments from the existing library of 1,400 premises onto a new digital platform. The trial also saw the introduction of a new digital premises and officer site survey form. Multiple different purpose group buildings were tested during this pilot project.

Some of the buildings included;

The New Google Towers located at Bolands Mills,

Clink Hostel on Abbey Street,

The National Gallery of Ireland Art Library on Merrion Square

Christchurch Cathedral in Dublin 8.



In addition to all of this, the Pre-Incident Planning Coordinator and the OIU in partnership with Google Ireland piloted a digital solution to support the development of enhanced pre-incident planning processes for DFB. Work will continue into 2025 to streamline, manage and improve the approach to pre-incident planning activities.

In 2024, pre-incident planning collaborated with Dún-Laoghaire Rathdown County Council DLRCC to develop a comprehensive pre-incident plan with regards to Killiney Hill and the surrounding area. The pre-incident planning department and DLRCC used geospatial mapping to identify potential land fire data associated with Killiney Hill, this included topography, fire history, habitats and assets at risk within the area. This information allowed DFB to identify buffer zones and the potential fire spread in the area. These dividing axes provided DFB with strategic information which allowed for sectorisation on Killiney Hill and the surrounding area. This pre-incident planning allows for responding personnel to reduce fire risk and improve the fire fighting capacity in the area.

The collaboration with DLRCC allowed DFB to identify the key components for pre-incident planning with regards to wildfires. This included the introduction of the "Prepare Your Property" information booklet from DFB which encouraged communities to take collective action to reduce the risks to their property in the case of a fire in the area.

In August 2024, DFB commenced training with personnel in No. 12 station (Dún-Laoghaire) with regards to the off-road vehicle which had a portable pump installed specifically for wildland fire. This resource is now stationed in No. 12 and it will aid the educational initiatives and training programs that are being included on all newly appointed DFB Officer Courses and DFB Recruit Courses.



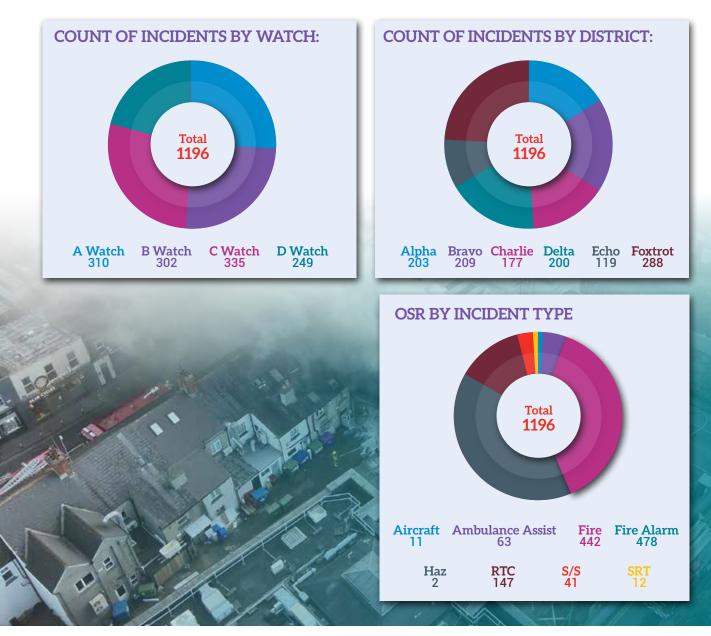
3.3 OPERATIONAL SAFETY REVIEWS

Operational Safety Reviews (OSR) is a "During Performance" monitoring programme implemented by Dublin Fire Brigade. Specifically, the Incident Command System and Standard Operational Guidelines/ Procedures are evaluated as part of the Brigade's Incident Safety Management Systems. It serves as an incidental aide memoir to guarantee compliance and a uniform level of implementation and application.

To enable Officers to approach, complete, and record the results of each review in a standard, thorough, and consistent manner, the OSR form was developed. To ensure the Incident Command System is being properly followed and to maintain safe methods of work at all incidents, the review process has been created to allow for an assessment of all Incident Command System components on the scene.

Dublin Fire Brigade's review procedure requires that OSR forms be submitted once they have been completed to the Health and Safety Unit at DFB Headquarters.

It is necessary for District Officers, under the guidelines of the OSR to conduct a safety evaluation on a portion (20%) of all incidents that have occurred in their district each month. Reviews must be conducted for all incidents involving a single pump, not just fire calls. Consideration is also given to RTC's and Special Services etc.



Bhriogáid Dóiteáin Bhaile Átha Cliath **DUBLIN FIRE BRIGADE**



VALUE OF STATISTICAL LIFE (VSL) 2023 - 2024: COMPARISON:

Month	2023 Rescue Estimate	2024 Rescue Estimate	Difference	
January	€29,477,257	€54,780,550	+ €25,303,293	2021
February	€7,607,314	€18,232,257	+ €9,624,943	€197,897,454.00
March	€34,902,915	€39,641,733	+ €4,738,818	2022
April	€34,700,252	€25,768,075	- €8,932,177	€165,708,458.00 (a decrease of
May	€19,969,070	€29,571,732	+ €9,602,662	€32,188,996.00
June	€35,323,865	€19,315,141	+ €16,008,724	of (VSL))
1st Half	€161,980,672	€187,309,488	€25,328,816	2023
July	€27,934,838	€17,039,010	- €10,895,828	€294,563,175.00 (an increase of
August	€27,389,379	€15,464,163	- €11,925,216	€128,854,717.00 of (VSL))
September	€13,219,729	€25,955,114	+€12,735,385	
October	€9,571,414	€13,796,021	+ €4,224,607	2024 €310,117,913.00
November	€16,726,979	€19,065,157	+ €2,338,178	(an increase of
December	€37,740,163	€31,488,960	- €6,251,203	€15,554,738.00 of Value of Statistical
Total	€294,563,175	€310,117,913	+ €15,554,738	Life (VSL))

MANAGEMENT OF HEALTH CARE RISK WASTE: (HCRW)

In 2022 Dublin Fire Brigade completed the rollout of new measures to enhance the processes surrounding the management of Health Care Risk Waste (HCRW). These new measures allowed for DFB to continue to enhance the management of HCRW in 2024.

The new measures included a uniform secure cage system for marshalling HCRW receptacles in each station of DFB. The new system for recording HCRW container serial numbers is available at the station office computer which assists DFB in tracking. A new infographic was designed and appropriately positioned in each location to assist staff in adhering to the process. An e-learning module was developed on our e-learning platform "LearnPro" on HCRW management in DFB. This was rolled out to relevant staff for completion.

3.4 STAKEHOLDER LIAISON & INTER-AGENCY COLLABORATION

Dublin Fire Brigade recognises that in 2024, effective stakeholder liaison and inter-agency collaboration have become crucial components in ensuring optimal service delivery and community safety. As urban environments continue to grow and evolve, DFB faces increasingly complex challenges that require coordinated responses across multiple sectors and developing strong relationships with these stakeholders ensure a unified approach to emergency response, resource management, and preparedness planning. By fostering open lines of communication and shared strategies, DFB can enhance its operational efficiency, improve public safety outcomes, and adapt to emerging risks and demands. Such collaboration not only strengthens the response to emergencies but also supports proactive measures, ensuring a more resilient and responsive fire and rescue service for the city's residents.



Dublin Fire Brigade coordinates major inter-agency exercises and local district exercises to improve co-ordination of service delivery across multi-agencies and ensures a co-ordinated and consistent response to large scale emergencies.



3.5 EMERGENCY AMBULANCE SERVICE

All fulltime Firefighters are trained as Paramedics and rotate continuously between firefighting and EMS duties. DFB's fleet of 14 emergency ambulances are each staffed by two paramedics available to respond 24 hours a day, 365 days per year.

In addition, there are 21 frontline fire appliances with up to 120 paramedics available to respond on a daily basis. All fulltime Firefighters are trained to paramedic standard and are required to maintain PHECC registration as paramedic practitioners with 105 at Advanced Paramedic level. All retained firefighters are trained to Emergency First Responder level. Tangible clinical outcomes in 2024 illustrating the Fire Based Emergency Medical Service include:

81,435	emergency medical incidents responded to				
61,894	patients treated and transported to hospital				
5,135	critical medical incidents managed				
473	cardiac arrests managed, of which 244 patients were transported to hospital				
	and 229 patients had resuscitation efforts ceased on scene as per protocol. Additionally DFB Paramedic crews attended 508 incidents where it was inappropriate to commence resuscitation as there was evidence of death recognised.				
136	STEMI (ST elevation myocardial infarction) patients, transported to a PPCI facility within 90 minutes of having an ECG				
664	FAST Positive Stroke patients transported to a facility that performs stroke thrombolysis				

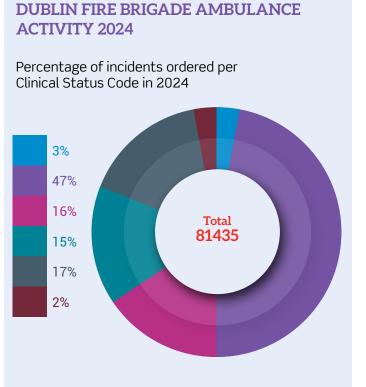


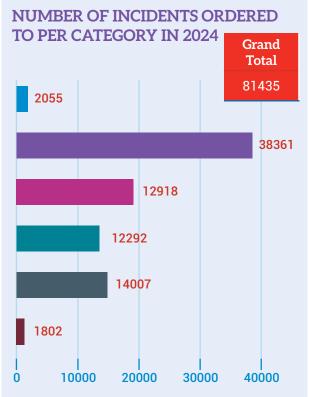
ST ELEVATION MYOCARDIAL INFARCTION (STEMI) – ACUTE HEART ATTACK

Although the majority of patients are transported to emergency departments, patients suffering an acute heart attack or ST elevation myocardial infarction (STEMI) are transported directly to a Primary Percutaneous Coronary Intervention centre within 90 minutes of recognition of this event by Paramedics. DFB Paramedics consult with the cardiologist directly

BREAKDOWN % PER CATEGORY OF

by phone from the scene. This fast-track approach for this patient group saves precious heart muscle from being further damaged and makes for better patient outcomes. Due to this patient-centric initiative in 2024 DFB Paramedics had almost 214 direct consultations with cardiologists in relation to STEMI patients.





Clinical Status 1	Life threatening – Cardiac or respiratory arrest		
Clinical Status I	Life threatening other than cardiac or respiratory arrest		
	-		
Clinical Status 2	Serious not life threatening – immediate		
Chilical Status 2	Serious not life threatening – urgent		
Clinical Status 3	Non serious or non-life threatening		
Chinical Status 3	Minor illness or injury		



Figure left depicts a breakdown of DFB Activity for 2024 for Emergency Ambulance (DA) Incidents attended. While the figures show DFB ordered to 81,435 Emergency Ambulance (DA) unique incidents, that equates to 102,629 mobilisations to these incidents, e.g. certain incidents requiring the attendance of multiple units. The breakdown gives a percentage to the type of emergency incident, with Echo cases being the most serious life-threatening, to Omega being the least serious type. These PHECC and HIQA recognised incident type categorisations are used by Emergency Dispatch personnel to prioritise the level of call as part of DFB's Medical Priority Dispatch System (MPDS). The largest percentage of calls are Delta (47%), which are serious life-threatening calls. DFB have a policy to always assign a Fire Appliance to Echo calls and some Delta calls in addition to an Ambulance, aligned to the

principle of sending the nearest available resource and to assist the Ambulance crew in administering the most effective intervention.

The demand for ambulance services has been increasing year on year in conjunction with the recovery in the economy. The demand is driven by an increase in the overall population and increasingly in the population aged 65 and older. Although there is an obvious and immediate requirement for additional ambulance resources in Dublin, there is also the need to advocate health promotion and disease prevention strategies, and look at the expansion of primary and community services in line with the recommendations in the Sláintecare Report.



ALTERNATIVE CARE PATHWAY – PATHFINDER

Dublin Fire Brigade continues to be involved with the Pathfinder, a Sláintecare funded initiative. In the Dublin area Pathfinder is a collaborative project with colleagues in the National Ambulance Service, Beaumont Hospital's Occupational Therapy and Physiotherapy Departments. The team consists of an Advanced Paramedic and an occupational/physio therapist.

The purpose of the service is to provide a safe alternative to emergency department attendance, where possible. The Pathfinder Team is dispatched to certain low acuity EMS calls received in East Region Communications Centre involving patients 65 years or older in Beaumont Hospital catchment area or to incidents where the attending ambulance crew determine that the patient may be appropriate for referral the team's services.

The Pathfinder services include; home based rehabilitation (Occupational Therapy + Physiotherapy), essential equipment and home modifications, liaise with GP & Primary Care Team, Referral to Geriatrician Day Hospital and specialist outpatient clinics for suitable patients.

TRAUMA CARE IN IRELAND

Some of the recommendations of the Trauma Steering Group report "A Trauma System for Ireland" are as follows;

- The HSE should implement an inclusive hub-andspoke Trauma System in Ireland comprising of two regional Trauma Networks.
- Two Major Trauma Centres corresponding to the two Trauma Networks (Central and South) should be located in the most populated areas, namely Dublin city and Cork city, in order to optimise access and ensure the minimum caseload required for better outcomes.
- Patients with suspected major trauma are taken directly to a Major Trauma Centre where travel times are within 45 minutes or if travel times exceed this, to the nearest Trauma Unit for rapid stabilisation and subsequent transfer to the Major Trauma Centre if the complexity of their injuries exceeds the capability of the Trauma Unit.
- In 2021 the Mater University Hospital, Dublin was

designated as the Major Trauma Centre for the Central Network.

It will be some time before the infrastructure and guidelines are in place to enable DFB's practitioners bypass catchment area hospitals to bring trauma patients to the nearest Trauma Unit or Major Trauma Centre. DFB look forward to working with our colleagues in the National Ambulance Service, the Pre-Hospital Emergency Care Council and the Central Trauma Network in achieving this important goal.



HOSPITAL ON STANDBY 2024 - TRAUMA INCIDENTS

Hospital on Standby is a term used when the attending Paramedics determine the patient may need a resuscitation team to manage the patient on arrival at the emergency department and radio a pre-alert message to control.

The following data relates to pre-alert messages to request the hospital emergency department to be on standby for incidents which were originally coded under the chief complaint headings in the table below. These figures give some context in relation to the amount of activity that DFB may expect when interacting with the Trauma Network when it becomes operational. All Dublin Hospitals have a "Hip Fracture Pathway" and request a pre-alert message for these patients. This group of patients are generally assigned the chief complaint of "Falls". As a result, the number of pre-alerts in the "Falls" category include patient with hip fractures.



DUBLIN FIRE BRIGADE EMS INTERVENTIONS

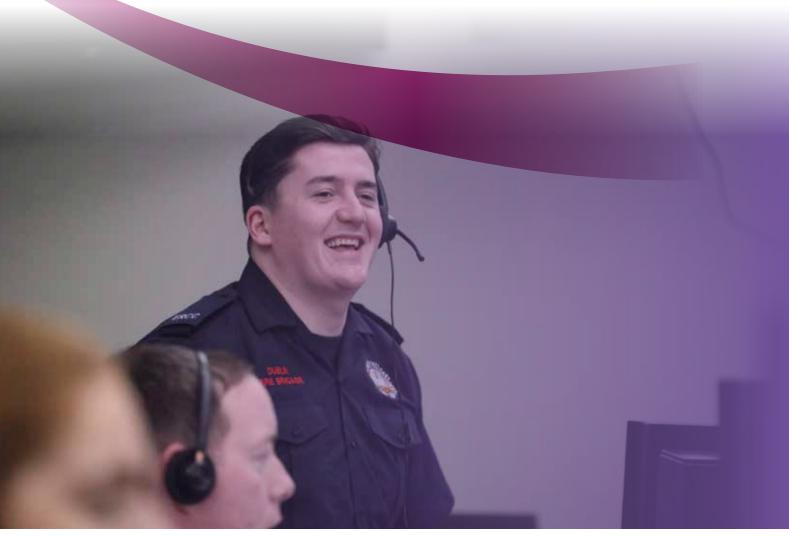
Each year DFB personnel, through their Fire based EMS interventions are successful in many cases, leading to several of our citizens still being alive and well, when their incidents and prognosis predicted otherwise. On many occasions cards are received, well wishes are posted on social media and visits are made to stations to say thank you. This is DFB's greatest performance metric and greatest reward.

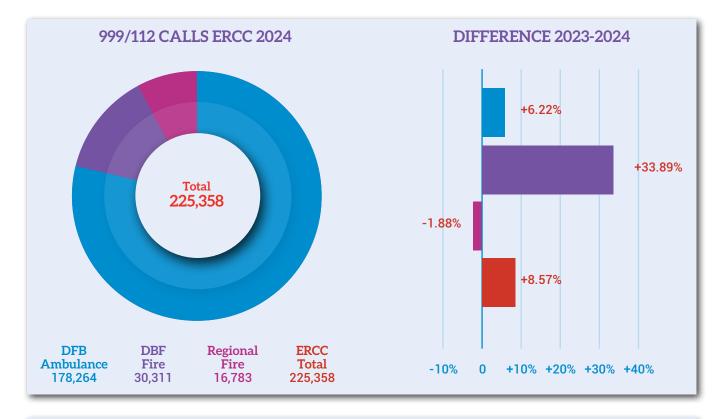
4 EAST REGION COMMUNICATIONS CENTRE (ERCC)

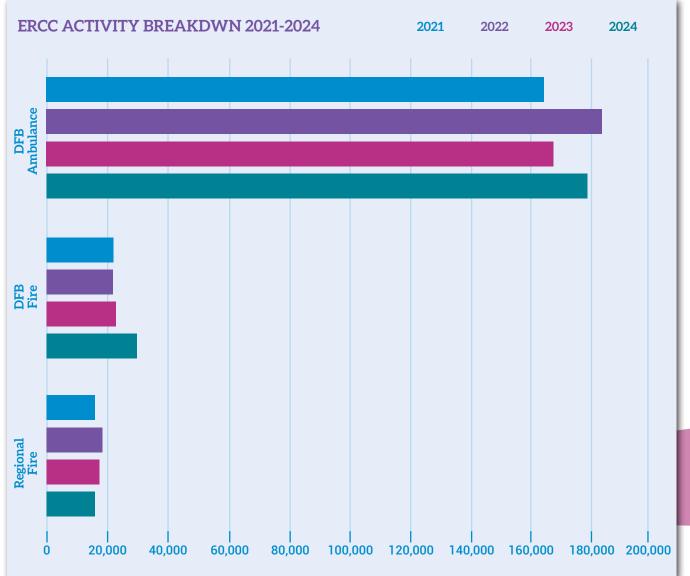
The East Region Communications Centre (ERCC) operated by Dublin Fire Brigade processes emergency fire and ambulance calls for Dublin plus regional fire service calls for 13 fire authorities in Leinster, Cavan & Monaghan and covers 95 fire stations with the responsibility to mobilise over 220 frontline fire appliances.

The function of the ERCC is to process emergency calls by recording the location of the incident, the logging of relevant details including the determining the nature of the incident and mobilise the appropriate fire service resource to attend the incident. The ERCC will also inform other agencies such as An Garda Siochana, the National Ambulance Service plus other third parties where required. Emergency Ambulance Calls are processed using a Medical Priority Dispatch System (MPDS) which allows call takers to determine the acuity of the patient and provide appropriate pre-arrival instructions to callers. The ERCC is accredited as a Centre of Excellence by the International Academy of Emergency Dispatch (IAED) and as part of the accreditation process is required to undertake both internal and external auditing of ambulance calls to ensure a consistent and quality service is provided.

In 2024, Emergence Call Answering Service (ECAS) routed 225,358 calls (112/999) to the ERCC which was an increase of 8.57% to the number of calls in 2023.









In 2024, the ERCC mobilised 155,000 fire appliance resources to service 105,000 incidents both in Dublin and the wider east region. In addition, the ERCC notified senior officers on 10,500 occasions, managed radio operations with responding fire crews and processed 125,000 incident related support calls.

Some key metrics relating to the ERCC in 2024 include

- The increase in the level of emergency calls in 2024 was primarily driven by an increase in both fire and ambulance activity in the Dublin area.
- The average daily number of emergency calls received in the ERCC was 615 in 2024
- In 2024, the average duration of an emergency fire call was 105 seconds with ambulance calls lasting on average 345 seconds in duration.
- The 31st of October (Halloween) was the busiest day of the year with 1391 emergency calls being received with 1023 of these calls received between 16 hrs and midnight. This was the busiest day since the end of Covid Pandemic and the busiest Halloween since 2007.

- December was the busiest month of the year recording 21,828 calls with the key driver of this activity being ambulance calls resulting from an early flu surge and weather related activity.
- On the Sunday 11th of August, between 13:00 hrs and 14:00 hrs, 207 emergency calls were received making this hour the busiest hour of the year. 190 of the calls related to a wildfire recorded in the vicinity of Barnacullia, near Sandyford Co. Dublin which endangered several homes and resulted in a large plume of smoke visible over South County Dublin. The ERCC were required to ensure that callers were in no immediate danger and advise callers to stay indoors and shut windows due to excessive smoke.
- Storm Darragh was the name given by Met Eireann to a winter storm which impacted Ireland on the 7th of December. This was the second busiest day of ERCC operations during the year. While Dublin escaped the worst of the storm, the regional fire authorities in Leinster, Cavan and Monaghan had spate conditions for several hours with 400 storm related calls being processed by the ERCC over a 6 hour period.



The ERCC has a diverse mix of staff whom operate the facility and ensure that the centre functions on a continuous basis, 24 hours a day, 7 days a week.

At the core of the ERCC are the operational Emergency Service Controllers (ESC's), Firefighters and Sub Officers whom both process calls and manage incidents. The call handling element of the ERCC is key to the service provision and interaction with the public. The ability to obtain the relevant details from callers whom may be panicked in both a timely manner while being both empathetic and compassionate is a key attribute of the job. The supervisory control element requires continuous monitoring of incidents to ensure that the appropriate fire service resources are mobilised and that Incident Commanders at scene get the appropriate support from the ERCC. All ERCC operations operate in a highly process driven environment and often in pressured circumstances due to the level of activity or nature of calls being processed. While no two calls are ever the same, the actions of ERCC can on some occasions, help determine the outcome of an incident particularly in circumstances where pre-arrival instructions to callers whom might be ringing from a premise which is on fire or providing CPR assistance to persons who are witnessing a cardiac arrest.

During the year, the ERCC welcomed new ESC staff whom underwent ERCC training and commenced working in the ERCC on the watch system. New ESC staff have very much integrated with the existing ERCC staff and contributed to the continued success of the ERCC.

The ERCC Quality Improvement Unit (QIU) delivers training to both new and serving staff in the ERCC and ensures that staff are able to provide a service which meets the need of the wider fire service and to ensure a high quality to the public which the ERCC ultimately serves. In 2024, the QIU successfully ran 2 ESC courses of 10 weeks in duration. Supervisory training was also provided for 20 staff. In addition, continuous on-watch training was provided to all ERCC staff to maintain quality. QIU Staff are also required to carry out an audit function of ambulance calls as part of the accreditation from the International Academy of Emergency Dispatch (IAED) and to ensure that all staff are accredited to use MPDS.

ERCC Technical and Administration staff ensure that the technical systems and solutions required to support the ERCC are in place. This encompasses Computer Aided Dispatch (CAD) systems, voice communications, disaster recovery sites and the alerting infrastructure in 95 fire stations.

Some of the projects rolled out by the ERCC in 2024 include

Deployment of new Voice solution for processing of emergency calls

Phase 1 of Control Centre reconfiguration

Dispatch (CAD) system which is due to be deployed in 2025 and will facilitate the call handling and dispatch function for fire service calls both in Dublin and the wider east region.

As part of the on-going commitment to the Public Sector Duty, the ERCC has been transforming the Control building facilities to ensure that all staff have accessible and uniform facilities and in 2024, projects such as locker and toilet facilities where upgraded as part of a wider DFB building reconfiguration initiatives. It is planned to continue enhancements in the ERCC in 2025 in line with the Public Sector Duty and to facilitate the new National Fire CAD Platform.



5 FIRE PREVENTION & COMMUNITY FIRE SAFETY

FIRE PREVENTION 2024 REVIEW

Dublin Fire Brigade provides the Fire Prevention & Community Fire Safety service to the four Dublin Local Authorities, this service is underpinned by The Fire Services Act 1981 & 2003 (FSA), the Building Control Act 1990 and the Dangerous Substances Act 1972.

Our objective is to promote fire safety through the design stage and construction of buildings, and then through advice, to ensure compliance with Building Regulations is achieved through good building design practice by competent professional designers and finally to help ensure fire safety standards are being adhered to in existing buildings. Consequently, our role is to ensure best practice in terms of fire safety in both new and existing buildings. We are guided by the "engineer, educate and enforce" approach to fire safety in Ireland.





NEW BUILDINGS AND BUILDING CONTROL

Dublin Fire Brigade's Fire Prevention & Community Fire Safety Section work in conjunction with the Building Control Authorities in the four Dublin Local Authorities - Dublin City Council, Dún Laoghaire–Rathdown County Council, South Dublin County Council and Fingal County Council.

Building Control Regulations apply to the construction of new buildings and to existing buildings, which undergo an extension, a material alteration or a material change of use, with some exceptions. A Fire Safety Certificate application is required where these changes occur, to demonstrate compliance of the works with Building Regulations Part B (Fire). Fire Prevention Officers process Fire Safety Certificate applications, to establish if compliance with the Building Regulations B1-B5 is demonstrated, for all the newly constructions or extended buildings in the Dublin region since 1992.

A Fire Safety Certificate once granted indicates that a building if built in accordance with the design which was submitted, will be in accordance with Building Regulations. It is the responsibility of the designer, the builder and the owner to ensure that the building is built in accordance with the Fire Safety Certificate and the Building Regulations. The Building Control Regulations 1997 to 2015 set out procedures and controls which require owners, builders, and registered construction professionals to demonstrate that the works or buildings concerned have been designed and constructed in compliance with Building Regulations.

With the advent of the Building Control Amendment Regulations (BCAR) in 2014, there is now greater oversight and accountability of the construction of building and works.

The Building Control Management System was created by the National Building Control Office (NBCO), to enable online applications of Fire safety Certificate applications. The BCMS can be accessed here <u>https://</u> <u>nbco.localgov.ie/</u>

5.1 FIRE SAFETY CERTIFICATE APPLICATIONS

In 2024 working with our colleagues in the four Dublin Building Control Authorities, 1,642 Fire Safety Certificate Applications were processed.

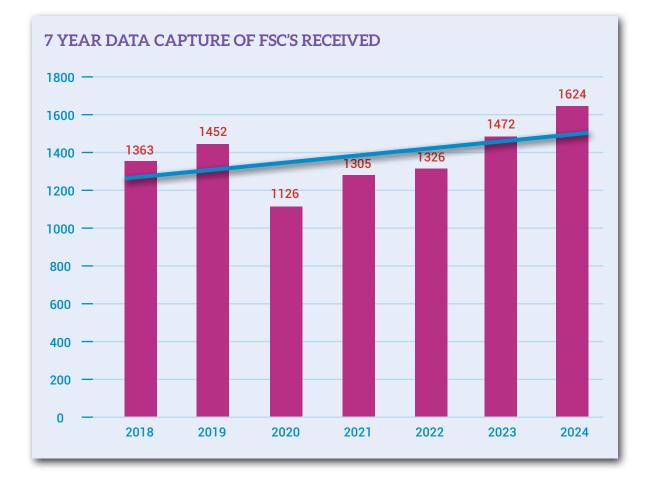
In 2024 we recommended 1,443 Fire Safety certificates for major developments across the Dublin region including for example:

- Working with the LDA we granted numerous of their developments to deliver housing
 - National Maternity Hospital
 - College Square, City Centre
- Glass Bottle site development, Sandymount/Ringsend
 - Google Building, Barrow St









5.2 ADVICE AND ENFORCEMENT

The main focus of Dublin Fire Brigade Fire Prevention & Community Fire Safety Section is to help people stay safe from the danger of fire. The responsibility for fire safety rests with the person in control of a building to ensure a reasonable fire safety standard as outlined in the Fire Services Act 1981 & 2003. DFB provide advice and work with stakeholders to improve fire safety and ensure a high fire safety standard in buildings.

In 2024, DFB Fire Prevention & Community Fire Safety Section received 1,402 notifications raising concerns about fire safety in buildings.

Every case is processed and we advise and engage with people to ensure fire safety standards are achieved. DFB have promotional fire safety advice campaigns in the media and on our social media platforms, including advertising campaigns so we can reach as many people as possible to address the many different fire risks that we encounter.

Inspections of premises are carried out on a risk based prioritisation to assess compliance under the relevant regulations i.e. nursing homes, hotels, schools, pubs, restaurants. 2,613 inspections in terms Technical /Building / During Performance Inspections / Management Inspections were carried out in 2024. Communication is key in the area of enforcement, whilst Dublin Fire Brigade actively engage with persons to advise and improve the fire safety in their premises on a voluntary basis, DFB frequently request a competent person be appointed to undertake a fire safety assessment in accordance with section 18(6) of the Fire Services Acts 1981 and 2003. On review of the information, our response will be escalated depending on the fire safety deficiencies noted, including that remedial works be carried out and the fire safety shortcomings addressed.

Advice and inspection programmes are prioritised relative to the risk. Powers of inspection and enforcement are used judiciously when required, including Prosecutions, Fire Safety Notices, High Court Orders and Closure Notices provided in the Fire Services Act.

In 2024, DFB Fire Prevention & Community Fire Safety Section issued 11 Fire Safety Notices on different types of buildings relating to different fire safety deficiencies, and brought 6 prosecutions before the courts.



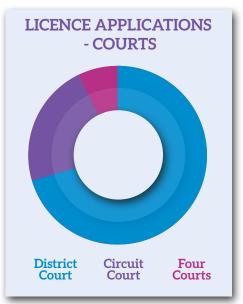


Dublin Fire Brigade Fire Prevention & Community Fire Safety Section have statutory responsibilities for Licencing of places of public assembly. DFB are a notified party in a number of Licence applications to the District Court and also inspect and comment to the Circuit Court for all these licence applications.

We have a targeted inspection programme and provide comments to the District or Circuit court in relation to Licence applications.

STREET FURNITURE LICENCING

Business in our capital city have sought to continue to use the successful outdoor dining model, which was developed by Dublin City Council to support businesses during the Covid pandemic. The ongoing coordinated response in this area is supported by the Dublin City Council City Recovery Office.



Dublin Fire Brigade are proud to participate in this coordinated response and with a team within the Fire Prevention and Community Fire Safety Section, represented Dublin Fire Brigade at City Recovery meetings in order to explore additional ways to support businesses in the current climate.

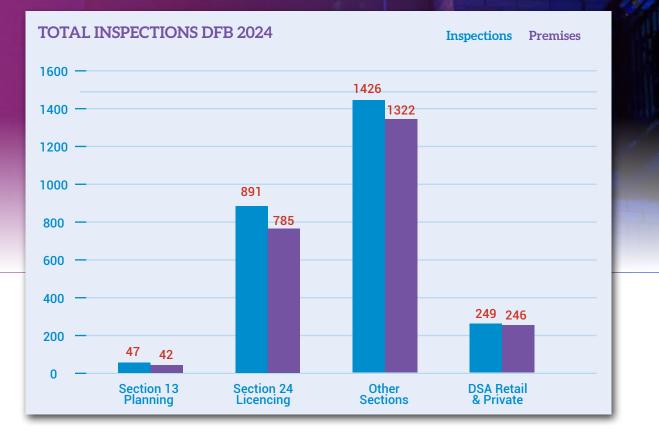
This work will continue in 2025 in order to support the businesses in Dublin.

SECTION 24 LICENCING INSPECTIONS DFB 2024









5.4 DANGEROUS SUBSTANCES

The Dangerous Substances Act 1972 places statutory obligations on persons in control of the storage of fuel for sale and commercial supply at flammable fuel stores to apply for a licence to operate these facilities.

Dublin Fire Brigade Fire Prevention and Community Fire Safety Section currently receive and process licence applications for the storage of fuel for sale and commercial supply at 275 flammable fuel stores in the Dublin County area. These licences are normally valid for three years.

- 94 stores are located in the Dublin City Council area
- 65 stores are located in the South Dublin County Council area
- 79 stores are located in the Fingal County Council area
- 37 stores are located in the Dun Laoghaire Rathdown Council area





2024 marked the continuing of a new licencing regime for these sites due to updated regulations. These updated regulations have increased the number of sites now requiring a licence. Previously, only sites storing petrol for sale required a licence. Now, the majority of sites that store any liquid or gaseous fuel for sale or commercial supply require a licence. In addition, the revised regulations have also made the information submission required in order to apply for a licence considerably more comprehensive. This has significantly increased the workload in dealing with each application and progressing it with the applicant to a point where a licence can be granted.

In 2024 we processed these applications as follows;-

- 285 licence applications were received
- 265 licences were issued
- 1 licence application refused



PETROLEUM VAPOUR EMISSIONS REGULATIONS

Dublin Fire Brigade also issue Certificates of Installation and Testing on behalf of the relevant Local Authority about petrol service stations under the Petroleum Vapour Emissions Regulations in pursuance to the Air Pollution Act 1987, and the European Communities Act 1972. This is in relation to the offloading of petroleum at service stations from the road tanker into the service station storage tanks and the dispensing of petroleum into vehicles. Certificates are normally valid for three years.

- 34 certificates were issued in 2024:
- 10 For service stations located in the Dublin City Council area
- 7 For service stations located in the South Dublin County Council area
- 13 For service stations located in the Fingal County Council area
- 4 For service stations located in the Dún Laoghaire Rathdown Council area

EXPLOSIVES STORES

Dublin Fire Brigade also assess and issue permits and licences for premises used for the storage of explosives, as prescribed under the Explosives Act 1875 and its secondary regulations. These are valid for a period of between one and five years depending on the type of permit or licence required.

Dublin Fire Brigade carried out 249 dangerous substances inspections (petroleum and explosives) in 2024.

We liaise with the Health and Safety Authority in relation to SEVESO industrial sites and petroleum Licence applications for petrol stations and bulk petroleum storage.

5.5 COMMUNITY FIRE SAFETY 2024

Providing advice to help people stay safe from the danger of fire is the focus for our Fire Prevention & Community Fire Safety section, we use every opportunity to engage with the community in order to spread the fire safety message. Our aim to help people stay safe form fire in their homes to protect their business. In 2024 we again built on our engagement with stakeholders and development of partnerships. We have reached into communities across the Dublin region to advise and provide helpful fire safety information. We attended a number of community events in each of the local authorities and where not possible to attend we supported the community groups and our operation full-time or retained colleagues in their efforts.

FIRE SAFETY MESSAGING -DIGITAL PROMOTION

Fire Prevention and Community Fire Safety Section again worked closely with our colleagues in DFB's Communications Section promoting our fire safety message on all our social media platforms as well as in printed media and on radio. We maintained delivering a consistent message i.e. #TestitTuesday

We responded to information received in the aftermath of fires, as appropriate, to promote safety and used our social media platforms to promote our advice.

Together, we produced messages and tweets on the following topics:

- Fire doors and their correct use
- Safe use of BBQ, gas
- Fire risks associated with candles
- Fire risks in the kitchen
- Advice to close all doors at night
- Safety advice on electrics
- Working smoke detector saves lives
- Have an escape plan and concerns over old persons and fire.
- Advice to not block fire escape routes [In particular to businesses such as shops]
- E-scooter fire safety

Recently, following a small number of fires we have given advice on the safe use and charging of Lithium – ion batteries that are used for E -scooters and E- bikes. We have put information out on all our social media channels and also on the DCC website, this can be accessed here https://www.dublincity.ie/residential/dublin-fire-brigade/ fire-prevention-and-community-fire-safety/e-scooters-ecycles-and-hoverboards



DFB SMOKE ALARM PROGRAMME

In 2024, in conjunction with the National Directorate for Fire & Emergency Management, we received smoke alarms for distribution to communities to promote the use of smoke alarms in homes. With the help of our partnerships in communities throughout Dublin, 2,700 of these smoke alarms were delivered to community groups and people in need of an alarm. This year we engaged with more than 50 different groups across County Dublin to distribute the smoke alarms into the heart of communities. This year the NDFEM also made available 75 hard of hearing smoke detectors sets. We expanded our training program for hard of hearing smoke alarm installation to 2 training days in the OBI, with representatives from Alone, Age Action, Chimedeafness Advocacy Group and South Dublin County Partnership. It was very beneficial to all. These hard of hearing smoke alarm units were distributed and installed.

NATIONAL FIRE SAFETY WEEK 2024

In 2024, we stepped up our awareness campaign across the Dublin Region in support of the National Campaign by the National Directorate for Fire and Emergency Management.

The fire safety advertisements captured the main messages DFB Fire Prevention and Community Fire Safety Section wanted to promote. The #RED4ready campaign was showcased on Digi-panels, Digiboards, billboards, print media [Articles and ads], social media, cinema screen, national and local radio station and bus shelters across the 4 Local Authorities during fire safety week.

Engagement from businesses, organisations, colleagues from the four Dublin Local Authorities and the public at large was very well received.

We relied heavily on our social media platforms and worked closely with our Communications Unit to achieve this. A large number of people and business were very helpful and supportive in promoting the fire safety messages.



	x	Facebook
Car fire Video	35,181	
Kitchen Fires	459,908	44,695
Candles	645,262	247,259
Fire doors wedged open	1,785,103	514,850
Gas Safety	387,153	2,584
BBQ safety (*Plus a page created on the website)	206,790	57,157
E scooter (See image below) (*Plus a page created on the website)	125,353	108,994
Tallaght Station sign	6,308	6,628
Dublin Port sign	10,837	
Safe at Samhain	612,448	25,841
Coder Dojo	12,817	3,014
Test it Tuesday	444,583	95,351
** Overall stats for year.	38,398,766	5,659,105





CHILDREN AND FAMILIES

ANNUAL CHILDREN'S FIRE SAFETY ART COMPETITION & PRIZE-GIVING CEREMONY AT THE MANSION HOUSE

Dublin Fire Brigade's Annual Children's Fire Safety art competition prize-giving ceremony took place at the Mansion House on Monday the 2nd of December 2024. Promoting fire safety among children is vitally important for their future, their families and the local community. Dublin Fire Brigade reached out to schools across the Dublin region during Fire Safety Week (30th of September 2024 to the 6th of October 2024) inviting all the primary schools from the four Local Authorities to participate in our annual Fire Safety Art competition.

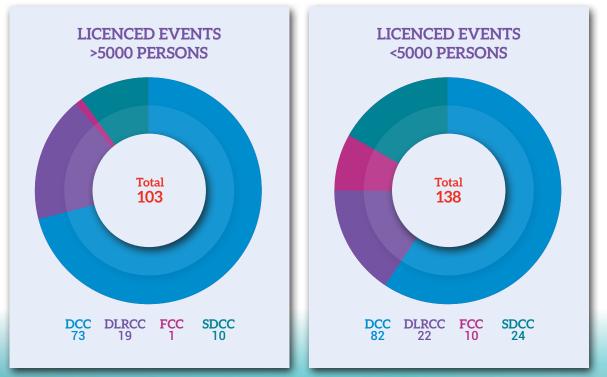
12 winning entries were selected and their superb artwork was showcased at the Mansion House on the day of the prize-giving ceremony. In addition to fostering creativity and imagination, the purpose of the art competition is to raise awareness of fire safety, to encourage teachers, children and families to think about fire safety and to think about a plan of what to do in the event of fire. The level of understanding that the children portrayed in their paintings was very high and the winning paintings highlighted many of the dangers of fire throughout the home. By expressing that understanding through art, it is hoped that this will create a greater awareness and understanding of fire safety among households and in the wider community. All the winners, runners up and winning schools were presented with their prizes by the Deputy Lord Mayor Cllr Donna Cooney and the Chief Fire Officer Dennis Keeley.

EVENTS

Dublin Fire Brigade Fire Prevention & Community Fire Safety Section have a role in the licencing of Outdoor Public Events, where more than 5,000 people will be in attendance, and work closely with the Planning Department of DCC and the other Local Authorities to provide fire safety advice and comment on these applications.

This area has grown over the last few years and had recovered very fast post pandemic with numbers of events now matching if not greater than pre pandemic numbers. In 2024, we were integrally involved and provided advice for a large number of Events across the Dublin region. This involves reviewing the Event Management plan, engagement with stakeholders, to ensure an adequate fire safety standard is included in the Event management plan and that it will be implemented , the event will managed by the Event Controller.

Additionally advice is provided to unlicensed events in the four Local Authorities. In Dublin City Council, there were 82 events in their parks and along with these we offered advice to 138 community events across the four Local Authorities.







MAJOR PROJECTS

SPECIAL PROJECTS

Special Projects are also a role of DFB's Fire Prevention & Community Fire Safety Section. We are actively involved in these projects to bring technical and fire safety advice to enhance Dublin Fire Brigade's response to major projects. Some of the main projects currently are;

The MetroLink project in conjunction with DFB Operations Section and in liaison with Transport Infrastructure Ireland TII

Heritage and Fire safety in Buildings

Post Fire Review Process

• DRHE on homeless accommodation working collaboratively in response to the housing crisis

• Response to the crisis in Ukraine and to support DHEDIY in the accommodation for IPAS participants

METROLINK PROJECT

Dublin Fire Brigade are a key stakeholder in the development of the MetroLink project.

Together with our Operations Section and with Transport Infrastructure Ireland (TII) we have reviewed and discussed the proposed Fire Safety strategy for the Metrolink project, to consider the safety of patrons and to our operational response from the risk from Fire.



HERITAGE

In 2024, DFB Fire Prevention & Community Fire Safety Section continued to focus on developing solutions for fire risk mitigation in heritage properties.

We continued to enhance our knowledge and skills for managing fire risk to heritage places and better understand the fire risk and probable impacts on heritage.





POST FIRE REVIEWS

In 2024 Dublin Fire Brigade Fire Prevention & Community Fire Safety Section continued to carry out Post Fire reviews of building fires, these have been most valuable and a great source of information.

A Post Fire review generally consists of the following;

Active Fire Safety Systems review
Passive Fire Safety Systems review
Compartment Fire Behaviour / Fire Spread

Senior Fire Prevention Officers liaise closely with the Operations Section, who have been on the ground of such fires, to gain a better understanding of the location of the fire origin, how it developed and how the fire was dealt with tactically using various firefighting techniques.

Post Fire reviews provide great learning outcomes for future training within all sections of Dublin Fire Brigade.

Key learning outcomes from such post fire reviews in 2024 are as follows:

- Importance of Implementing Robust Fire Safety Management Plans
- Importance of maintaining the Fire Detection and Alarm System.
 - Ensuring Fire Doors are kept shut.
 - Fire risks associated with Lithium Ion Batteries
 - Effectiveness of sprinklers



STAKEHOLDER LIAISON

With the focus on our service delivery, fire safety section works collaboratively with a number of internal and external stakeholders.

We have been very effectively working with our communications section to drive our community fire safety campaigns.

We liaise and consult with these parties to ensure that we promote fire safety as effectively as possible.

Some of these stakeholders are;

- National Directorate for Fire & Emergency Management
 - National Building Control Office
 - Engineers Ireland
 - Royal Institute of Architects Ireland
 - Society of Chartered Surveyors Ireland
- Building Control Authorities in the four Dublin Local Authorities
 - Government Departments
 - Transport Infrastructure Ireland
 - Land development Agency
 - Community Groups and committees
 - Business and organisations





The Dublin Fire Brigade Training Centre, also known as The O'Brien Institute, located on the Malahide Road, stands as the largest Fire, Rescue, and Emergency Medical Services (EMS) training facility in Ireland. The Centre offers comprehensive training across various disciplines and provides expert instruction for both internal and external programmes. These include specialised training for Dublin Fire Brigade personnel in fire, rescue, and paramedic services, as well as courses for local authority staff and other fire services nationwide.

INNOVATIVE TRAINING METHODS

In 2024, the Incident Command Virtual Reality (VR) Training Suite was incorporated into the Paramedic Programme, simulating mass casualty incidents and introducing a virtual ambulance salon. This advanced training system allows paramedic trainees to engage in scenario-based training, where they work independently within an ambulance while being remotely observed by instructors. The VR suite was also employed in the Incident Command modules of the District Officers' Promotional Process, as well as development training for District Officers, Station Officers, and Sub Officers. The integration of VR technology has proven invaluable in delivering realistic, immersive, and high-quality training scenarios for Fire, Rescue, and EMS personnel.



TRAINING ADMINISTRATION & RECORD MANAGEMENT

Given the substantial volume of training provided and the need for meticulous record verification, the Training Centre operates its own administration section, now utilising the Gartan Human Resource Management System for streamlined record management.

The Learning & Development Section, overseen by a Station Officer, manages several critical platforms:

Learn Pro	The e-learning platform used by all DFB staff, which also facilitates the distribution of important notifications to individuals or groups.
Pdr Pro	A platform for recording on-station training events and operational incidents, essential for tracking training and competency.
CAB-I-NET	A digital storage system that ensures the tracking and version control of all learning materials.
Knowledge Hub	A custom-designed platform, developed by the DCC IS Department in consultation with the DFB Training Centre and Learning & Development Section, designed to replace CAB-I-NET and further streamline access to up-to-date training resources.
SharePoint & Power Apps	Utilised from the Office 365 suite to promote a paperless environment, particularly supporting the online submission of Paramedic Course work.
Tablets	Over 30 tablets are now actively used on a daily basis to support training and administrative tasks.



DIGITISATION PROGRESS

The digitisation of learning materials and training records has made significant strides in 2024, with assistance from DCC Digital Services. By the end of 2024, the DFB Training Centre achieved 80% digitisation of all course materials and records, enhancing both the accessibility and efficiency of training management.

TRAINING UTILISATION IN 2024

In 2024, the DFB Training Centre utilised a total of 14,605 training days (excluding recruit training) for DFB personnel, highlighting the Centre's pivotal role in ensuring ongoing professional development across the Brigade.

NEW ENTRANT RECRUIT PROGRAMME

A total of 62 candidates successfully completed the New Entrant Recruit Programme in 2024. The programme covers a comprehensive range of fundamental firefighting and emergency response skills, including:

Basic Firefighter Skills
Road Traffic Collision Response
Breathing Apparatus and Fire Behaviour

Tactical Ventilation
Water Awareness and Flood Response

Hazardous Materials & Environmental Protection

Rope Rescue Techniques
Fire Pump Operation

Tall & Complex Building Firefighting

Wild Land Firefighting
Strength& Conditioning
Conflict Management & Breakaway Training

Additionally, training was provided to new entrants from Limerick, Louth, and Cork City Fire & Rescue Services.

PARAMEDIC PROGRAMME

IN ASSOCIATION WITH THE ROYAL COLLEGE OF SURGEONS IRELAND

The Paramedic Programme (Diploma Level 7) delivered in collaboration with the Royal College of Surgeons Ireland, featured both theoretical and psychomotor skills training, along with mass casualty exercises, highfidelity simulation training, and the use of cadaveric specimens. This programme provided advanced, hands-on experience, ensuring that paramedics were fully prepared for the complexities of emergency medical care.

TYPES OF TRAINING CONDUCTED IN 2024

The following specialised training programmes were conducted throughout the year:

Breathing Apparatus Training

Continuous Professional Development for Paramedics and Advanced Paramedics

• ESDS Instructor & Assessor Training (in collaboration with the RSA)

 Driver Training (Basic and Advanced) to RSA standards

Emergency Dispatch Controller Training

 Swift Water Rescue Technician & Instructor Training

District, Station, and Sub Officer Development Courses

 High Line Rope Rescue Technician & Instructor Training

• Tall & Complex Building Firefighting

Wild Land Firefighting

Critical Incident Stress Management

Breakaway/Self-Defence Training

Child Welfare & Safeguarding

• Turntable Ladder Instructor & Operator Training

Fire Water Pumping

People/Patient Handling

International Trauma Life Support (ITLS) and Emergency Medical Services (EMS)

> Emergency First Responder / Emergency Medical Services

> > Vehicle-Mounted Cranes

Tunnel Emergency Response Training

Pre-Hospital Emergency Care Council (PHECC) Accredited Tutor Programs

SAFETY AND QUALITY MANAGEMENT

Standard Operating Guidelines (SOGs) are developed, reviewed, and updated through a collaborative process involving the Health & Safety Unit, Training Centre, and Operations. Furthermore, an audit conducted by NSAI officials assessed the Centre's compliance with ISO 45001 (Safety Management) and ISO 9001 (Quality Management) standards, with the DFB Training Centre achieving certification for both, demonstrating its commitment to maintaining the highest standards of safety and quality in training delivery.

CONCLUSION

In 2024, the Dublin Fire Brigade Training Centre continued to be at the forefront of Fire, Rescue, and Emergency Medical Services training in Ireland. Through innovations such as the Virtual Reality Training Suite, extensive digitisation of training materials, and the ongoing development of specialised training programmes, the Centre has ensured that DFB personnel are well-equipped to meet the challenges of modern emergency response. The Centre's dedication to maintaining the highest standards of safety, quality, and professionalism ensures that it remains a leader in public safety training.

On Saturday March 2nd 2024 an Event to Celebrate The Dublin Fire Brigades Emergency Ambulance was held at the DFB Training Centre, opposite is a an extract from the publication produced to celebrate the event



From DFB's foundation in 1862 until 1898, injured parties at a fire ground were brought to hospital on either fireman's horse-drawn appliance, the brigade's tool cart or hose wagon, or any other transport available at the scene. As a result of this unhygienic practice as a form of medical transport, the Dublin Corporation commissioned a horse-drawn ambulance. A delegation made up of the Lord Mayor, Councillors Little, McCabe, Smyth and Meagher, City engineer, City Architect and Chief Fire Officer Purcell was tasked with looking at other brigades. The delegation was instructed to visit Belfast, Glasgow, Edinburgh, Liverpool, London and any other cities deemed relevant in order to view the best and newest systems. The delegation visited these cities from the 20th to the 27th October 1897, reporting on the 2nd November 1897. During a visit to Belfast Fire Brigade in 1897, Purcell witnessed their brigade's horse drawn ambulance in use. On his return, he designed a similar but improved vehicle, for use in the Dublin Fire Brigade.

In 1898, the new ambulance was designed entirely by Chief Purcell and built in Dublin by Jessop Brown at the City Wheel Works at a cost of £97. It was a fourwheeled enclosed vehicle with solid rubber tyres, drawn by two horses and crewed by three firemen. The space beneath the driver's seat held a battery to supply electric light, as well as bandages, splints etc. The interior was 6ft 3in long, 4ft 6in wide and 5ft 10in high, with louvres on both sides and at the rear. There were two folding stretchers, one suspended above the other, the upper one supported by folding stays hanging from the roof, the lower one resting on upright supports fitted with joints enabling them to fold down level with the floor so that there was no obstruction when stretchers were being inserted into the wagon.

Training for ambulance work had already commenced in 1898, ten firemen from the central station were selected to be instructed by a Dr J. H McAuley with the assistance of a sergeant-major from the army medical corps. By the time the new ambulance arrived at the end of the year, the firemen had become very proficient in first aid and the use of splints and bandages. In December 1898 the arrival of the brigade's new vehicle was given wide publicity in the newspapers and much favourable comment, with the skill of Purcell in designing such an excellent ambulance was noted and acknowledged. The introduction of an ambulance service operated by the fire brigade was a tremendous boost for the people of the city. This ambulance proved to be a great success and was of excellent workmanship that a second ambulance was ordered from Brownes in 1901 at a cost of £108.

One of the most valued services by the citizens of Dublin City & County is that of the Dublin Fire Brigade (DFB), fire based emergency medical service (EMS). DFB's fire based EMS service's foundation is reliant on a dedicated, highly educated and skilled brigade of first responders. A brigade that has been ready to respond in the times of need of the citizens of Dublin for 125 years. Spanning through three centuries, changes have occurred in our means of transport, skill level and uniform, but the one element that has not changed is our ethos of public service and pride in the service we provide





WORKSHOP/ LOGISTICS RELOCATION

Dublin Fire Brigade's logistics workshop, currently situated at its existing location in Stanley Street is relocating to a new premises in Finglas towards the end of 2025, in order to address operational needs and to enhance overall efficiency. This strategic move allows for improved space utilisation, better organisation of equipment and materials, and a more streamlined workflow. A detailed preparation plan has been initiated to ensure a smooth transition to the new facility, which will offer a more effective layout to support the growing demands of the logistics operations. This relocation will involve careful coordination to minimise disruption to ongoing activities, with the logistics team working on a phased move to ensure continuity of services. Additionally, the new facility will be equipped with updated infrastructure and systems designed to streamline logistics processes, including inventory management.

Overall, this relocation marks a significant step in DFB's efforts to enhance operational effectiveness and position the logistics workshop for long-term success. The transition will be carefully managed to ensure minimal impact on daily operations, while the new facility is expected to meets the demands of the business now and into the future.



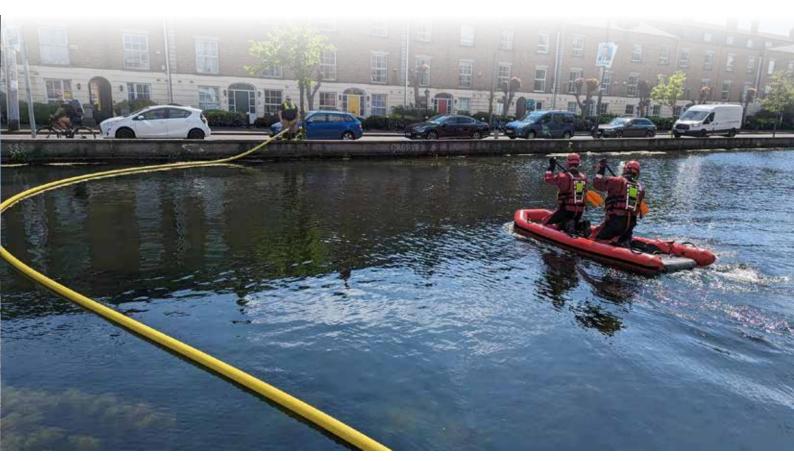
CONTRACT MANAGEMENT

Contract Management is a critical component in ensuring the quality and reliability of the equipment, clothing and PPE supplied to Dublin Fire Brigade. To meet expectations and maintain high standards, a new system has been implemented which incorporates a dedicated management space where all equipment is regularly reviewed and monitored. For example, PPE will be asset tracked throughout its entire service life, with all repairs and maintenance documented and monitored.

In addition, a comprehensive process has been introduced to ensure that all items requiring annual inspections and certifications are properly tested and certified. This proactive approach guarantees that all equipment not only meets DFB's operational requirements but also adheres to safety regulations and industry standards. By strengthening contract management processes and incorporating these new systems, DFB can ensure continuous readiness, safety, and compliance with all necessary certifications.

REVIEW AND ASSESSMENT OF SEVERAL LARGE CONTACTS:

The regular review and assessment of several large contracts within Dublin Fire Brigade service is crucial for ensuring that we meet our operational, financial, and safety objectives. Over the course of 2024, we have had meetings with the companies managing these contracts, which cover critical areas such as equipment supply, maintenance, PPE, etc. These discussions have allowed us to assess the quality, cost-effectiveness, and compliance of contractors, and identify areas where improvements can be made. By conducting these reviews, we ensure that the contracts continue to meet DFB's needs, mitigate risks, and align with regulatory standards. Additionally, these meetings have provided a platform to renegotiate terms where necessary, strengthen relationships, and ensure we are achieving the best value for money. The effective management of these contracts not only guarantees the safety of and readiness of firefighting personnel but also ensures that resources are utilised efficiently and in compliance with regulatory requirements. This ongoing process helps DFB maintain operational readiness, enhance safety, and deliver reliable emergency services to the community.



KEY INVESTMENTS IN 2024

11m 2 20m

NEW FINGLAS FACILITY ● €20M Building complete

FLEET

4 new Class "B" appliances in build at present
Purchased and had delivery of 17 Pre-owned vehicles from L. F. R.
7 Class"B" Fire Engines
10 ancillary vehicles

OPERATIONS

610 Stretch Fire fighting uniforms were purchased and delivered this year
350 Firefighters in Foxtrot and Bravo districts received their new FFPPE

SMOKE HOODS
Ambulance Jackets
450 Hi-Viz Jackets were issued to personnel

STATION WEAR: 900 Station wear uniforms delivered

ASSET MANAGEMENT
 6000 items tagged and recorded on the database

 FIRE PREVENTION
 20 Fire Prevention Officers were issued with PPE packs

• Our B.A. Section maintain and repair over 340 B.A, sets. The staff fill the Air Cylinders with Air that must be up to the highest standards. This is done by filtering the air and passing it through an air monitoring system

LOGISTICS WERE ALSO INVOLVED

- IN THE ROLL OUT OF: • E.V. Plugs to operations
- Assisted with Post incident
 Hygiene programme
- Deliveries: 2600 deliveries to all DFB locations

 Assisted in the preparation of RFT's for example:
 District Officer command vehicles

 Vehicle Parts
 Lubs. And Oils
 Emergency Tenders



Dublin Fire Brigade maintains a large fleet of vehicles which require regular maintenance and repairs. This work is done by our dedicated Mechanics who make themselves available 24/7/365.

In order to ensure the roadworthiness and availability of the vehicles at all times, the vehicles must undergo a rigorous service routine

Our Fleet of 154 vehicles include the Following:

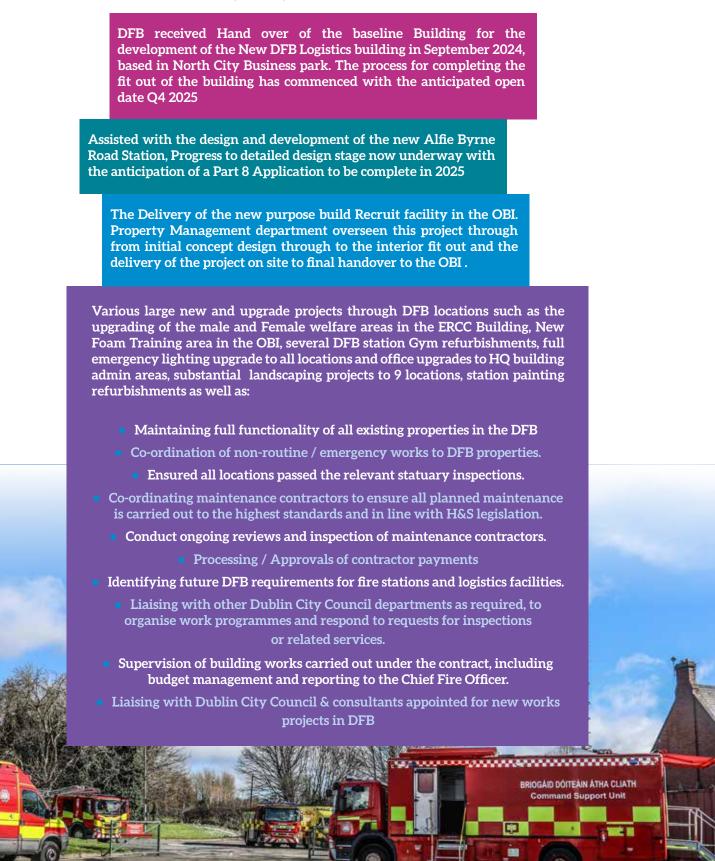
- 21 Fire Engines (Class B water tenders)
 - 14 Emergency Ambulances
 - 2 Emergency Tenders
 - 3 Turntable Ladders
 - 1 Tunnel response vehicle
- 8 D.O. Command Vehicles in the frontline
- There are also Spare vehicles, Training vehicles and ancillary vehicles





The Property Maintenance Section is responsible for the maintenance of all 18 DFB's properties.

Key activity in 2024 included:



PROPERTY MAINTENANCE REQUESTS

During 2024 the Online Property maintenance request system was upgraded and integrated into the new Citi-Desk platform. This process was completed in conjunction with the IS department in DCC and has improved the end user interface making it easier to submit and review maintenance requests on station and in other DFB work Locations.

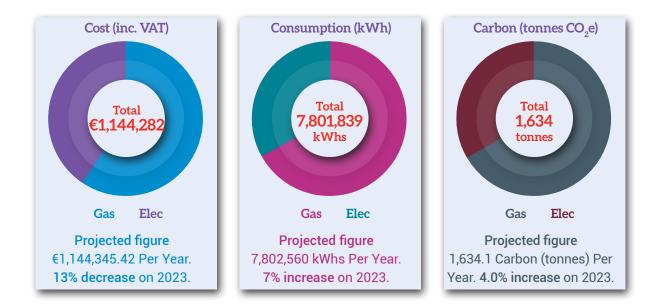
The new property maintenance process has been updated and is now accessible through the city desk property maintenance page. A full review and update of ISO property management process also completed in 2024. Further to a review the property maintenance section secured additional resources to support the upgraded processes. The property maintenance section addressed:

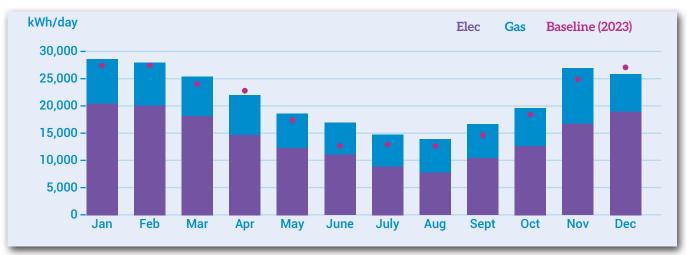
• Over 850 maintenance requests.

• Over 190 were deemed to require immediate attention.

ENERGY PERFORMANCE IN 2024

Working with DCC energy reduction policies, DFB are still in line to meet the energy reduction targets set out although there was a slight increase in the energy use in 2024, you will see from the graphic below the energy use in 2024.





7.3 HEALTH, SAFETY & WELFARE UNIT

HEALTH AND SAFETY

Dublin Fire Brigade is committed to providing safe places, equipment, systems of work and people by maintaining legislative and regulatory compliance and adopting/applying standards and standardisation. The DFB Health and Safety Unit support Dublin Fire Brigade's senior management team in this commitment. The DFB Health and Safety Unit is a full-time specialised unit, which is based in DFB Headquarters and reports directly to an Assistant Chief Fire Officer. The DFB Health and Safety Unit liaises and consults with industry peer groups in Ireland and the UK and works closely with Dublin City Council's Health, Safety and Wellbeing Unit and the Local Government Management Association (LGMA).

In 2024, the DFB Health and Safety Unit delivered detailed training modules to newly promoted District Officers, Station Officers, Sub Officers, and ERCC Sub Officers and Supervisors. The Health and Safety Unit also provided safety induction training to DFB Recruit classes and Emergency Services Call-taker classes and other new entrants to Dublin Fire Brigade. The Health and Safety Unit conducted risk assessments of new equipment, training courses, activities and work and training locations. In line with the DFB Consultation and Participation procedures, members of the Health and Safety Unit met with elected Safety Representatives on a quarterly basis and contributed to Standard Operation Guidelines (SOGs) and operational processes.

Dublin Fire Brigade encourages all staff to bring any health and safety concerns to the attention of their line managers, initially, and onto the Health and Safety Unit where necessary. The organisations formal procedure for raising and reporting health and safety issues is the Good Catch Safety Observation Process. This system allows individual members of staff throughout the organisation, irrespective of work location or section, to identify and report health and safety issues of concern which may otherwise go unnoticed and potentially result in an incident. Throughout 2024, the Health and Safety Unit received and processed fifteen (15) Good Catch Safety Observations (GCSOs). In 2024, 305 incidents were reported to the Health and Safety Unit from across all sections of Dublin Fire Brigade, this represented an increase in reported incidents over the previous year and was reflected across all incident types. The increase in accident numbers over 2023 is of concern and DFB aims to review the incident data to identify any trends in specific incidents and determine what additional controls can be applied to try to address this rise in incidents and reduce accident figures going forward.

Dublin Fire Brigade's Safety Management System (SMS) is certified to ISO 45001:2018, and this certification, which applies to all sections within DFB, benefits the organisation by requiring consistent assessment, direction and involvement of senior management and ultimately, improvement in safety management. This standard was externally appraised in June 2024 by an auditor from the National Standards Authority of Ireland (NSAI), requiring each section within DFB to demonstrate compliance to the requirements of the standard. In 2024, Dublin Fire Brigade (DFB) successfully maintained certification of its Safety Management System (SMS) to ISO 45001:2018. DFB is the only section within Dublin City Council to be certified to this standard.

The DFB Ancillary Safety Statement 2024 was reviewed, updated and published in February 2024, and issued to all senior managers and work locations. This document sets out the safety policy of Dublin Fire Brigade and outlines the responsibilities of all staff regarding health and safety. The Ancillary Safety Statement is available to all staff at their work location and on CitiDesk, on the DFB private Hub.

The DFB Health and Safety Unit is available to discuss and advise all DFB staff on matters relating to health and safety and may be contacted at DFBHSU@dublincity.ie.





QUALITY MANAGEMENT

Dublin Fire Brigade's Quality Management System is managed by a dedicated Quality office based in Dublin Fire Brigade HQ.

In November 2024, Dublin Fire Brigade was subject to a recertification audit by the National Standards Authority of Ireland (NSAI). This audit focused on the organisations Quality Section which is responsible for the management of the ISO 9001 Quality Management System (QMS). The objective of the audit was to ensure that the QMS had been established and implemented in accordance with the requirements of the relevant standard and could achieve the organisations policies and objectives. During the weeklong audit, various key processes and work locations were inspected for compliance, including discussions with senior management and frontline staff. In conclusion, the audit was highly successful, leading to the organisation receiving recertification to the ISO 9001:2015 standard for a further three years.

Throughout 2024, the DFB Quality Section undertook internal audits on various key processes within the organisation such as Logistics, Operations, Training, Fire Prevention and ERCC. During the audits, each key process was assessed for compliance and efficiency, with emphasis being placed on the relevant sections achievement in meeting the targets set out in the key performance indicators (KPI's). The feedback collected from these audits allowed the Quality Section to continually benchmark the organisation against the ISO 9001:2015 standard, leading to greater success in our annual NSAI external audits. Dublin Fire Brigade established a new group in 2022 tasked with managing the introduction of new services, equipment, activities and change (INSEAC) throughout the organisation. Since its introduction, the INSEAC process has gone from strength to strength, with a total of 47 submissions for change in 2024 alone. Many of these submissions, proposed by frontline staff have resulted in new pieces of equipment being placed into operation throughout the organisation. This process allows for staff to directly contribute to the continuous development and improvement of Dublin Fire Brigades' capabilities.

Dublin Fire Brigade's corrective action process underwent a review, and subsequent redevelopment, in January 2024. The aim of this review was to ensure that all corrective action reports (CAR's) submitted were processed, actioned, and closed out in a timely manner relevant to the severity of the corrective action. This redevelopment proved successful, as all fifteen (15) CARs received in 2024 were actioned and closed out within the accepted timelines.

The DFB Quality Management System documents are available to view and download from both Dublin City Council's CitiDesk and DFB's LearnPro platforms. The Quality Management Section is available to discuss issues affecting quality with all staff and can be contacted at dfbquality@dublincity.ie.

CHILD SAFEGUARDING

Dublin Fire Brigade follows best practice in child safeguarding and continues to fulfil its statutory obligations under the Children First Act 2015. All Emergency Medical Technicians, Paramedics and Advanced Paramedics in Dublin Fire Brigade are classed as 'Mandated Persons' under the Act due to their registration with the Pre-Hospital Emergency Care Council (PHECC). All have been trained to understand their obligations and are supported by a team of peers who are trained as Designated Liaison Persons (DLPs). This year, we have developed and delivered our own bespoke course, to standards approved by the LGMA, in association with the DFB Training Centre.

Our Child Safeguarding Coordinator, with guidance from Dublin City Council's Safeguarding Officer for Children and Vulnerable Adults, coordinates this support and ensures that procedures are in place to ensure that incidents of concern are reported promptly to Túsla, the Child and Family Agency. During 2024, thirty (30) such reports were made to Túsla. As mandated by the Children First Act 2015, copies of our Dublin Fire Brigade Child Safeguarding Statement and Risk Assessment are available at every fire station and DFB work location. In accordance with the Act, both documents are due for biennial review in 2025. The document can be accessed on the Dublin City Council website at <u>https://www.dublincity.</u> ie/residential/dublin-fire-brigade/legislation/childsafeguarding-statement-and-risk-assessment or from this QR code.





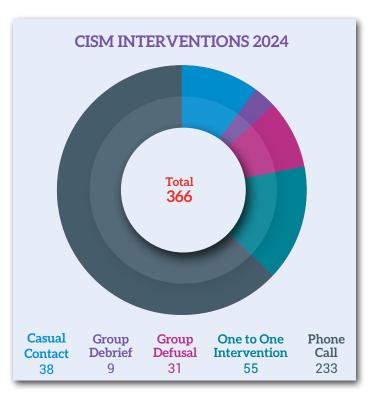


CRITICAL INCIDENT STRESS MANAGEMENT

Dublin Fire Brigade continues to provide psychosocial support for its staff following traumatic events through its Critical Incident Stress Management (CISM) system. Education around general mental health and wellbeing begins on entry to Dublin Fire Brigade and is followed by further education specifically designed to prepare members of staff to deal with the effects of traumatic incidents and distressing calls. Specialised training is provided progressively to each Officer rank to ensure that immediate support is available when needed. It is of the utmost importance that we ensure that first line officers are trained and equipped to provide this immediate support. Members of a voluntary Peer Support Team offer their support can be contacted 24 hours a day on well-advertised phone numbers. These are trained to QQI Level 8.

All staff, managers and Peer Supporters are trained by our own internationally qualified trainers. We are lucky to have this facility and congratulate those trainers whose individual hard work was rewarded in achieving that advanced level of qualification. This training has enabled Dublin Fire Brigade to provide some CISM training to the wider Dublin City Council family and associated agencies. During 2024, Recruit Family Evenings were held for both recruit classes. Recruits and their loved ones gathered to learn about their new careers and the supports what will be available to them.

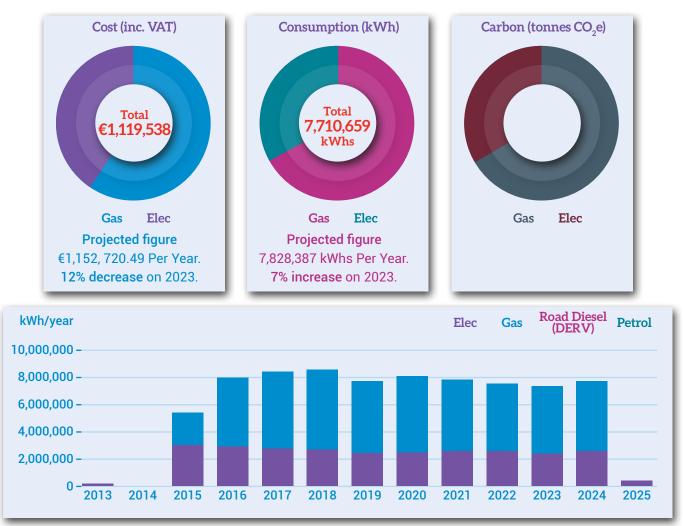
Our CISM Peer Support Team was formally alerted to 366 CISM interventions during 2024. Some (ninety) 90 of these were directly reported to the CISM Peer Support Team by the East Region Control Centre during that period. In addition, CISM support was provided to Dublin City Council staff following traumatic incidents on two (2) occasions during 2024.



8 CLIMATE CHANGE STRATEGY

DUBLIN FIRE BRIGADE ENERGY USAGE 2024

2024 shows a slight increase in the consumption rate, however DFB still remains above of the overall target reduction set out in the DCC Climate action plan.



The chart above shows the used kWh per year in all DFB Locations. This has remained a constant over the past few years.



The chart above shows the consumption costs per year from 2015 to 2024, With the increase in energy costs over the past three years you can see the rise in the figures.



DECARBONISATION PROGRAMME

In partnership with DCC & Codema, DFB will aim to begin the process of decarbonisation some of the Fire stations . below is a brief description of what is involved in this process.

SUMMARY

The retrofit of Ireland's commercial and public sector buildings is central to reaching our 2030 and 2050 national and international decarbonisation targets. This includes targets for increased renewable energy, improved energy efficiency, and decreased greenhouse gas emissions. At a local level, Dublin City Council (DCC) understands the necessity to reduce reliance on imported fossil fuels and improve resilience against energy price shocks. DCC, working with the Codema, is seeking to decarbonise DFB Fire Stations. The buildings currently relies primarily on natural gas and electricity imported from the national grid.

This assessment considers the following measures:

- 1. Building fabric improvement
- 2. An air source heat pump (ASHP) to replace the existing gas boilers, providing low-carbon heat to supply space heating and hot water
- 3. A solar photovoltaic (PV) array to generate renewable electricity
- 4. The upgrading of external windows and doors where applicable
- M&E infrastructure upgrades

The analysis suggests the fire stations would be on a path to reach net zero operational carbon by 2050. The purpose of a Decarbonisation Assessment is to outline the justification of public expenditure to support this strategy. It details the preferred solution and confirms if it will deliver the defined outcomes and benefits and provide value for money.



CONTEXT

Public sector buildings must improve direct energy performance between now and 2030 to meet the 2030 emissions reductions targets set out in the Climate Action Plan 2023, which include:

51%	CO2 reduction	
50%	energy efficiency improvement	
90%	overall contribution from renewable space heating (heat pumps, biomass and district heating)	
В	BER rating of B	

A Detailed Gap to Target assessments were performed for Dublin City Council based on updated government 2030 targets. These targets focus on the reduction of direct emissions, and this resulted in a greater focus within the decarbonisation pathway on decarbonization of heat in larger buildings such as leisure centres. It also encouraged the DCC to be more ambitious with projects to meet these targets. The Gap to Target analyses revealed that there are a small number of large buildings including DFB Fire Stations which have the most impact on the emissions.

The DeliveREE Building Decarbonisation strategy helps to determine when it is suitable to use Energy Performance Contracting (EnPC). When considering upgrading a building the first consideration is deep retrofit which generally means turning the whole building or part of, into an unoccupied space, i.e. a building site. If this is acceptable then the project will follow the fabric first approach and traditional project development structures (similar to new build). In Codema's experience and from consulting EnPC market stakeholders, the decision to decant a building and turn it into a building site will normally be driven by many other factors other than energy or CO2 savings concerns, and environmental concerns alone are unlikely to be enough. So, if a building is not at the stage in its life where deep retrofit is the obvious choice, then the alternative is Decarbonisation.



9 MAJOR EMERGENCY MANAGEMENT (MEM)

Dublin Fire Brigade ensures preparedness for a coordinated inter-agency response to major emergencies resulting from local and regional events, such as fire, transport accidents, incidents involving hazardous substances and severe weather at local and regional levels in line with the National Framework for Major Emergencies.

In 2024 DFB co-ordinated meetings of the DCC Crisis Management Working Group, work included review of the DCC Major Emergency Plan 2022 and the updated DCC Severe Weather Plan and Flood Plan 2024. DFB also played a major role in working with the East Regional Working Group to produce an Interagency Work Programme and Regional Risk Assessment in line with the national work programme. DFB provides representatives at senior management level to all appropriate MEM regional groups.

DFB were also involved in the preparation of a number of Interagency Regional plans such as the Evacuation and Rest Centre Plan, the Media and Communications Plan and the Dublin Airport Aircraft Incident Response Plan. DFB continue to participate in inter-agency exercises testing these plans. DFB actively participates in the East Region Emergency Management Working and Steering Groups at East Regional level with other Principal Response Agencies. The East Region consists of representatives of the four Dublin Local Authorities along with representatives of Kildare and Wicklow County Councils, An Garda Síochána and the HSE.

DFB also participates and chairs various MEM Sub Groups, including:

- Local Authority Working Group
 - Planning and Strategy Group
- Training and Exercise Sub Group
 Seveso Sub Group
 - Mass Casualty Sub Group
 - Mass Fatality Sub Group
- Evacuation & Rest Centres Sub Group
- Media and Communications Sub Group
- Air Incident Working Group Sub Group
- Voluntary Emergency Services Sub Group
- East Coast Oil Pollution Working Sub Group

EXERCISES

All exercises were planned, briefed, executed, debriefed and reported on by DFB. Public consultation on all revised External Emergency Plans was carried out by DFB throughout 2024. DFB maintained full compliance with H.S.A. and 2015 S.I. 209 regulations. One COMAH Exercise was stepped up to an ERWG Major Emergency Exercise, testing Inter-Agency On-Site Coordination. In addition DFB also assisted with Major Emergency Exercise and training with other Dublin Local Authorities hosting a Severe Weather Exercise with Dublin City Council in April 2024 and an Inter-Agency Major Crowd Event Exercise for all Principal Response Agencies in December 2024. During 2024 DFB also supported other external Major Emergency Exercises and Workshops with fellow stakeholders, such as Beaumont Hospital, TFI, Luas Transdev, the U.S. Embassy and the British Embassy.

Exercise Date Type 6th June Barclay Seveso Inter-Agency **Chemicals** Table-Top Exercise 2024 18th April Seveso Inter-Agency **BOC Gases** Table-Top Exercise 2024 Seveso Inter-Agency 2nd May Table-Top Domino **Calor Gas** 2024 Exercise Seveso Inter-Agency 2nd May Indaver Table-Top Domino 2024 Exercise Seveso Inter-Agency 2nd May Table-Top Domino Valero 2024 Exercise

DFB led on the following interagency exercises in 2024:

9.1 CIVIL DEFENCE

Civil Defence in Dublin plays a vital and multifaceted role in serving the community and supporting the emergency services in times of need. As a volunteerbased organisation, Civil Defence provides essential assistance during a wide range of incidents. One of their primary duties is assisting within the Major Emergency Framework, such as flood management, emergency rest centres, search and rescue operations, and offering first aid to those injured or affected. Our personnel are trained in a variety of emergency response skills, ensuring they can be deployed quickly and effectively when required.

In addition to disaster response, Civil Defence in Dublin also plays a key role in providing medical services during large public events, such as festivals, parades, and sporting events, where crowd management and first aid services are essential. We are often called upon to ensure the safety and well-being of the public in these high-attendance settings.

Our organisation works in close collaboration with other emergency services, to deliver coordinated responses to emergencies. Civil Defence volunteers assist with everything from logistical support and evacuation efforts to providing relief and temporary shelter for displaced people during a crisis. We also contribute to community preparedness by offering educational programmes and training, helping to ensure that both residents and local authorities are ready for any unforeseen events.

Furthermore, Civil Defence members in Dublin are an important resource during recovery efforts. Whether

it's clearing debris, delivering supplies, or assisting in the restoration of services, we play an integral part in rebuilding the community following a major incident. By being a well-trained, organised, and highly responsive volunteer force, the Civil Defence enhances Dublin County overall resilience, ensuring that the County is better prepared to manage and recover from a wide range of emergencies. Our role is indispensable in safeguarding lives, minimising harm, and supporting the community through both routine and extraordinary challenges.

2024 was a very busy year and we finally moved into our new HQ in Cherry Orchard Industrial Estate, We now have a modern training facility and HQ for the future development of Civil Defence in Dublin. Our new HQ was opened by An Tánaiste Micheal Martin on the 30th September 2024

62 Requests	Total requests for assistance
3 Requests	Standby requests
46 Requests	Community/Sport Events: Arás an Uachtraráin, OPW State Events, Aviva Stadium, Tallaght Stadium, Barretstown, various community events.
8 Requests	Water Shortage Assistance (Fire Appliance/Water Tanker)
14 Requests	Missing Person Searches
16 Requests	K9: Searches for Missing Persons in other Counties
3 Requests	Rescue Boats: Searches for Missing Persons

10 ADMINISTRATION, FINANCE & HUMAN RESOURCES

ADMINISTRATIVE SUPPORT

The administration support provided by administrative staff is an indispensable part of Dublin Fire Brigade's team whose work is essential to the seamless functioning of the organisation. This contribution, while often behind the scenes, have a direct and profound impact on the efficiency and effectiveness of every aspect of Dublin Fire Brigade. From ensuring that firefighting and emergency medical services are fully equipped and ready for action, to managing complex procurement processes and ensuring that contracts are properly negotiated and maintained, the administration team plays a pivotal role in Dublin Fire Brigade's ability to meet the challenges of modern-day emergency response.

Moreover, the administrative functions in human resources, financial management, budget planning, property maintenance, communication, business continuity, corporate governance, and civil defence support not only the operational capacity of the brigade but also its long-term sustainability and accountability to the public. They ensure that Dublin Fire Brigade remains a high-performing, compliant, and financially responsible organisation, while also fostering a positive and supportive work environment for all employees. Without the steady, expert coordination and management provided by the administrative staff, Dublin Fire Brigade would not be able to operate at the high level of excellence it is known for.

The importance of administrative support extends beyond just keeping operations running smoothly it is integral to shaping the future of the Brigade. Whether it's the strategic allocation of resources, the professional development of staff, or the enhancement of community engagement, the administration team ensures that Dublin Fire Brigade is prepared for both present challenges and future opportunities. By maintaining strong governance, ensuring financial transparency, and providing logistical, procurement, and contract management expertise, as well as community engagement they help Dublin Fire Brigade deliver its core mission: to protect and serve the people of Dublin with professionalism, dedication, and compassion.

The role of administrative staff is not just in supporting operations but in upholding the values that define Dublin Fire Brigade. Their hard work, expertise, and commitment to excellence make administrative staff an integral part of Dublin Fire Brigade's success, and it is through the continued dedication of the administrative staff that Dublin Fire Brigade is able to adapt, grow, and maintain the trust of the communities we serve.





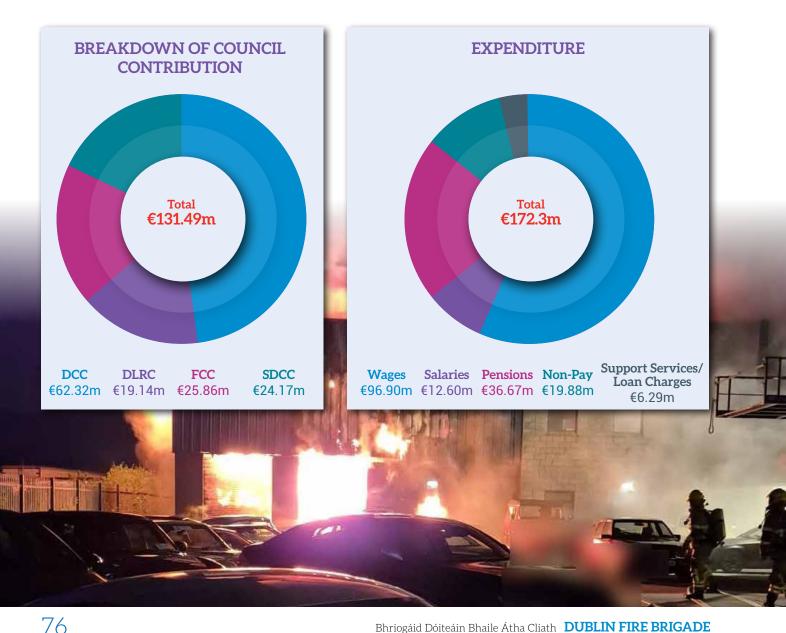
The gross cost of running Dublin Fire Brigade in 2024 was €172.3m.

The net cost of the operation of the service is divided between the four Local Authorities: Dublin City Council contributes €62.32m, Fingal County Council contributes €25.86m, South Dublin County Council contributes €24.17m and Dun Laoghaire Rathdown County Council contributes €19.14m.

The ratio between payroll /pensions of €146.16m (84.81%) and non-pay of €26.18m (15.19%) reflects the manpower requirement to provide the essential Emergency Fire, Rescue and Ambulance Service on a 24 hour basis 365 days a year.

In addition to direct council subvention, DFB has a self-generated income steam of €40.9m comprised of superannuation income and fees from the services it provides. The main revenue streams are €9.18m from the HSE for the Emergency Ambulance Service, €3.44m in superannuation income, €2.52m from the Transport Infrastructure Ireland for providing a dedicated response vehicle for the Port Tunnel, €0.38m for Fire Charges and €23.29m payroll compensation.

The net cost of €131.49m (€172.3m expenditure -€40.9m income) is divided between the four Dublin Local Authorities using an agreed formula.





The Human Resource (HR) Section of Dublin Fire Brigade is committed to advancing the organisation by offering extensive support to its staff. Its primary mission is to foster a culture rooted in fairness, openness, transparency, and support. Key values such as equality, diversity, respect, partnership, and wellness drive all HR activities.

By taking a strategic and collaborative approach, the HR Section ensures the effective management of Dublin Fire Brigade's greatest asset – its people. Partnering with Dublin City Council's HR Department, it provides employees with services and facilities aligned with best practices. The HR Section plays a vital role in promoting a positive work culture, ensuring employees are well-informed of their responsibilities, rights, and privileges.

In line with the commitments of the Corporate Plan, the HR Section consistently strives to meet statutory

KEY INITIATIVES MANAGED BY DFB HR IN 2024

PUBLIC SECTOR DUTY:

Dublin Fire Brigade implemented а programme in 2020 to uphold the Public Sector Equality and Human Rights Duty, supported by a three-year action plan that concluded in 2023. In 2024 this group has been invigorated to move forward into the future and to put into effect their suggestions and promote diversity and inclusion across DFB. Moving forward, the HR Section is committed to supporting our DFB EDI committee by expanding its Equality, Diversity, and Inclusion initiatives to further educate and support staff, reflecting leadership in equality and human rights compliance.

obligations and implement best practices. Through initiatives such as the PMDS process, it prioritises staff training and development while demonstrating ongoing support and appreciation for all team members. The ultimate objective is to foster an inclusive organisation that enhances service delivery and addresses future challenges effectively.

Recognising employees as its most valuable resource, the HR Section is dedicated to providing open communication channels, promoting career progression through workforce planning, and encouraging continuous learning and development. It supports line managers in addressing industrial and employee relations issues while prioritising workplace health, safety, and wellness. Collaborating with corporate HR, trade unions, medical referees, and other stakeholders, the HR Section ensures professional and confidential handling of staff welfare, development, and attendance matters.

EMPLOYMENT EQUITY AND INCLUSION:

Dublin Fire Brigade continues to equitable employment promote practices in partnership with Dublin **City Council and through engagement** communities and with societal groups involved in Community Wealth Building. The Dublin Fire Brigade HR Section are continuing in their commitment to address the gender balance, by encouraging more female applicants into the service and by supporting and developing those recruits so they may pursue a successful career path in Dublin Fire Brigade.

COMMUNITY ENGAGEMENT AND RECRUITMENT:

The HR Section showcased its activities and services at multiple schools, career fairs, and recruitment expos to inspire future talent. In 2025 the Dublin Fire Brigade HR Section will forge partnerships with external sporting and other community organisations, providing opportunities to showcase Dublin Fire Brigade as an exciting and rewarding employer for young active adults, seeking to serve their community.

OSCAR DISTRICT – COLLABORATION WITH OSCAR'S KIDS CHARITY:

On September 29, 2023, Dublin Fire Brigade launched the "Oscar District" initiative in partnership with Oscar's Kids Charity. This program offers "Make a Wish"-style days and honorary fire cadet events for terminally ill children. The initiative has been supported by management and crews which has allowed Dublin Fire Brigade to provide the children and their families with long lasting memories along with DFB mini uniforms, toys, Smyths vouchers, and other treats throughout the past 16 months. Since its inception, 22 children have been made honorary firefighter/paramedics, with Badge 1 being specially dedicated to Oscar Keogh. This initiative has captured the imagination and hearts of all Dublin Fire Brigade staff, bringing a sense of unique fulfilment to all who become involved. Indeed, such is the positive community impact of this great partnership, it was recognised by Dublin City Council with a Special Recognition Staff Award in the 2024 Three Castle Awards.

IRELAND

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DUBLIN FIRE BRIGADE

OSCAR DISTRICT CHARITY

Supporting Communities

22" DEC 2013

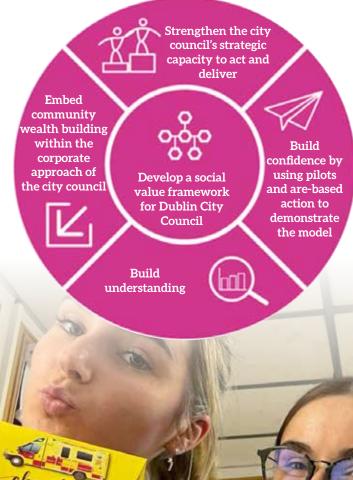
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& Charities

COMMUNITY WEALTH BUILDING

Dublin Fire Brigade HR Section continue to embrace the Dublin City Council led Community Wealth Building programme. Dublin faces many challenges that impact on its resilience and prosperity in the future. Community Wealth Building provides a lens through which to view this changing economic and social environment and to understand how Dublin City Council can use its influence to shape and support the city's economy in the long term.

Community Wealth Building is a people-centred approach to local economic development, which



redirects wealth back into the local economy and places control and benefits into the hands of local people. It is a collective assets of local economy – social, intellectual, cultural, financial, etc. that a community owns or controls that enables the community to care for each other and the natural environment.

Adopting Community Wealth Building as an integral part of the City Council's corporate strategy gives voice to the idea that the City's wealth should be shared. Through CWB Dublin City Council will use its economic role to influence wealth flows around our capital City in the best interest of local communities. A strong connection to the locality is a key driver for CWB.

Dublin Fire Brigade are adopting the principles behind Community Wealth Building in as many aspects of its service deleivery as possible, initially through targetted recruitment drives in locations identified by our community partnerships. In future activities Dublin Fire Brigade will be exploring other avenues, such as procurement, logistics, premises usage, training, fire prevention and community risk reduction for ways in which it can engage in a more meaningful way with our local communities.

EMERGEN

10.3 ICT SYSTEMS

The role of the IT Section is to ensure the effective deployment of ICT systems, services, and solutions to support the delivery of the strategic business goals of DFB. The IT Section is responsible for the strategic and tactical planning, operation and deployment of all IT systems within DFB, playing a lead role in ICT strategy development and has responsibility for the support and maintenance of new and existing systems. This is achieved in accordance with corporate standards relating to security and GDPR. DFB IT staff are the first point of contact for IT issues in Dublin Fire Brigade and liaise with the Information Systems Department, in Dublin City Council, where appropriate, for the delivery and support of corporate services, 2nd level support and contract administration.

The IT section also undertakes a Project Management role in respect of major new systems from procurement through to implementation.

The main projects executed in 2024 were:

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10.4 COMMUNICATIONS

The Communications Unit of Dublin Fire Brigade plays a crucial role in ensuring effective and efficient communication across all aspects of its operations. This unit provides support for the delivery of key communication messages both internally, externally and through the media. The unit also works closely with other emergency services, local authorities, and the media to ensure that accurate updates are provided in a timely manner. Through these efforts the Communications Unit is integral to Dublin fire Brigades ability to respond rapidly to emergencies and maintain a high level of public safety.

NOTABLE EVENTS IN 2024

DUBLIN PRIDE

Dublin Fire Brigade was delighted to take part in the annual Pride parade again in 2024. The communications unit liaised with Dublin Pride, Dublin City Council and sign writers to ensure we had sufficient material and that our Fire Engine was wrapped in the Pride decal. There was representation from all ranks and our Tara Street Fire engine proved to be a popular feature on the day as it was wrapped in the Pride decal for a third year running.

SOCIAL MEDIA

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INTERNAL COMMUNICATIONS

The 'Request to Speak' staff bulletin was produced 51 times in 2024, published each Friday evening and distributed to every staff member by email, our online learning platform and internal WhatsApp groups. The bulletin provided information to all staff regarding upcoming courses, events, memorandums, further education opportunities, internal news, and charitable events.

FIRE SAFETY WEEK

The Communications Unit supported Operations several times throughout 2024 by issuing public safety announcements and follow up information at large scale fires and incidents across the city and county.

CHARITY

The Communications Unit collaborated with operational staff on various fundraisers throughout the year. Funds were raised for many charities including Oscars Kids, St Francis Hospice, Movember Ireland, and St Joseph's Primary School for Children with Visual Impairment to name a few. We were delighted to provide a photographer for events and spread awareness on social media for fundraisers.



DRONES

Dublin Fire Brigade continue to use drones as part of their emergency response and operational capabilities. The use of drones allows us to assist Incident Commanders at scene and provide real time aerial footage of the scene with the capabilities of using a thermal imaging camera. The communications team continued to liaise with our Operational Intelligence Unit in the operating of drones. Three personnel from our team currently hold their drone operator's license.

PHOTOGRAPHY

Dublin Fire brigade continued to provide a photography service throughout 2024, and attended operational incidents, charity fundraisers, retirements, and public events. The photos are used for training purposes, public information messages and social media.

SOCIAL MEDIA STRATEGY

PREVENT:Fire and incident prevention advice and public service announcements.

INFORM: Alerting the public to incidents in the city that may affect or have affected them.

PROMOTE: Highlighting the work of DFB's people not only at emergency incidents but community and charity events.

102k	Twitter followers
4.3k	Instagram Threads followers
58K	Facebook followers
23.5K	Instagram followers
1K	Bluesky followers





Comhairle Cathrach Bhaile Átha Cliath Dublin City Council



Comhairle Contae Fhine Gall Fingal County Council



