



Health Strategy 2015-19

Fire and Rescue Services as a Health Asset



CFOA
Chief Fire Officers
Association

Fire as a Health Asset

I was so impressed with the work of the fire services! I realised that the agendas of preventing ill-health and preventing fires were closely linked: fires and ill-health occur in the more deprived areas, to people at the bottom of the socio-economic gradient, to those in poor quality housing, and to those whose circumstances have led them to take up unhealthy lifestyles. The fire services do what every stakeholder involved in reducing health inequalities should do: engage directly with the community, work to provide them with the opportunities they need to live a healthy life and focus on prevention.

- Professor Sir Michael Marmot

Fair Society, Healthy Lives – Strategic Review of Health Inequalities in England Post 2010
Published 2010



Firefighters have been fantastically successful in moving from a responsive to an interventionist service. Instead of the fire and rescue service being residualised, its remit must be expanded to offer different types of interventions – including in preventative health and social care. By working with local councils and health and wellbeing boards, local fire services can be really effective partners in improving the overall health of their neighbourhood.

- Dr Claire Mansfield

Head of Research, New Local Government Association

Author of Fire Works: A Collaborative Way Forward for the Fire and Rescue Service

July 2015

Introduction

The first question many people will ask is why should fire be seen as a health asset at all? It is an important question, but I believe it has an obvious answer.

The NHS, public health and social care are facing the same challenge the FRS did over a decade ago; demand outstripping resource and capacity to respond. However, they recognise the success the FRS has had in reducing demand through investment in prevention activity, and are now looking to colleagues in the fire sector to help them replicate this.



We know that a great many of the causes of poor health outcomes are the same as those that determine risk from fire. Frailty, poor mental health, obesity, smoking, alcohol and substance abuse – amongst other things – place major stress on health services and represent some of the key factors involved in fatal fires. We therefore have a fantastic opportunity to work together for mutual benefit.

The hundreds of thousands of targeted home fire safety checks that fire and rescue services currently undertake nationally are a unique and powerful opportunity to influence the lives and health outcomes of vulnerable people. The hugely positive and trusted fire and rescue service brand gives fire service staff a way across the threshold and a means to engage with some of the hardest to reach in our communities.

Ambulance services are under particular pressure, with enormous growth in demand and increasing expectations. Fire and rescue services have the capability to support and assist our blue light colleagues through co-responding, first responding and similar schemes, helping to free up highly skilled paramedics and technicians to deal with other more complex issues.

‘The overall aim of this strategy is to ensure fire and rescue services are regarded as a key health asset.’

The benefits of this approach will clearly be mutual; by helping health services to tackle these issues we will also address some of our own risks and priorities.

The costs associated with poor health outcomes even in the short term are in the billions. Of course there is also an opportunity to access the significant resources the NHS controls to support our efforts in relation to risk reduction.

This strategy is intended to outline how CFOA will establish a unified offer to health against a number of priorities. It will be championed by the Strategic Health Group, which is comprised of representatives from across all of CFOA’s directorates.

It recognises that any approach will need to take account of local capabilities, relationships, risks and needs. Communication between all those involved will be vital to determine what is wanted by health services and what fire and rescue services are in a position to deliver. While there cannot be a one size fits all model, this strategy and multiple case studies show that good practice can often be adapted and changed to fit local needs.

To return to where I began, the question is not why should the fire and rescue service be involved in health, but why has it not been more involved before now? I am sure that within the next ten years fire and rescue services will come to be recognised as a key asset for the health service. I am confident that together we can build safer and healthier communities.

Peter O’Reilly
CFOA Strategic Health Lead

Supporting CFOA's Priorities

How does this strategy fit with our wider priorities?

This strategy sets out how CFOA is going to support a drive to provide greater collaboration between fire and health services to produce better health outcomes for the communities we serve. Such collaboration will support a number of wider priorities and issues for both the fire and rescue service and our health partners. Some of these are listed below.

It aims to fulfil the intent set out in the **consensus statement** signed by CFOA, NHS England, Age UK, Public Health England and the LGA in October 2015, although it goes further than even this.

CFOA's Strategic Direction document 'Making the difference needed' has as one of its key priorities to build '**Safer, healthier and more resilient communities**'. This strategy and our wider relationship with the health service will be one of the most important ways of achieving this. Similarly, 'Making the difference needed' recognises the need to advocate for the wider implementation of co-responding schemes and the need to drive reform and service integration, both of which are key elements of this strategy.

The **NHS's Five Years Forward View** places great importance on 'getting serious about prevention' and it has been recognised that fire and rescue services have been trailblazers in this regard in the past two decades. Equally, the Forward View recognises the need to explore new models of health care, work with new partners and back innovation. We believe that we have the experience and capacity to help the NHS to achieve these aims.

Both health and fire services have recognised the importance of '**making every contact count**' by improving the outcomes that citizens receive, reducing duplication and ensuring that maximum benefit is gleaned from all contact with public services. The communities we serve deserve the best value for money and quality of services they can – who provides it and how it is provided should be secondary considerations.

The **NLGN report Fire Works** recognised the potential role fire could play in health and recommended that it be developed further and recognised as an important part of the fire services work.

Not only does greater collaboration improve services for those at the receiving end, it has the capacity to save our services time, money and resources. At a time when all public services are facing squeezed budgets and pressure to innovate and collaborate, a closer working relationship between health and fire has **the potential to save millions of pounds and many lives**. It will be important to find means to measure and evaluate the success of the work, especially when some outcomes will involve something not happening.

PHE, the Royal Society for Public Health and others have recognised that there is a need for investment and recognition of the '**wider public health workforce**' – those outside of the health and care profession who have a role in providing public health interventions. We believe fire and rescue services are a key part of that wider workforce, and one that punches well above its weight. This is something already being recognised widely by our colleagues in public health.

Our Priorities

Our priorities

Aim: To ensure that fire and rescue services are regarded as a health asset

Priorities:

1. Build relationships with national, regional and local health and social care partners, government departments and the third sector to encourage closer collaboration and data and information sharing between fire and health and clearly communicate the benefits of these relationships
2. Develop the design principles for and encourage the uptake of “Safe and Well” visits and the effective use of all fire and rescue service resources, building on the Home Safety Check and informed by existing good practice and ongoing evaluation
3. Explore and develop other areas where fire services can improve health outcomes, by drawing on best practice, utilising new technology and investing in upstream prevention activity.
4. Develop the skills and training requirements necessary to allow the fire service workforce to effectively support improved health outcomes
5. Agree guidance for commissioners, health service providers and fire and rescue services to facilitate commissioning opportunities
6. Work with Ambulance Trusts, Association of Ambulance Chief executives (AAACE) and other partners to complement the professional expertise delivered by paramedics at medical emergencies
7. Work with all health partners to improve the fire safety of the health and care premises where vulnerable people are at risk, and reduce numbers of avoidable incidents that impact on the availability of Fire and Rescue Service resources

In each case, we will seek to use the experience and expertise gained in the pursuit of these priorities to improve the wider work and operations of the fire and rescue service in all areas of our work.

Priority One

Build relationships with national, regional and local health and social care partners, government departments and the third sector to encourage closer collaboration and data and information sharing between fire and health and clearly communicate the benefits of these relationships

CFOA wants the fire and rescue service to be recognised by public health colleagues and the government as a key health asset. This will require us to build trusting relationships with partners and promote the capabilities of fire and rescue services and the mutual benefits such collaboration will bring. The overall aim of this should be to facilitate conversations between individual fire and rescue services, health and social care commissioners and providers at a local level so that schemes can be introduced. It is also vital that we operate in a way that is aligned and mutually beneficial, helping health colleagues to achieve their aims – such as those outlined in the NHS five year forward plan – and ensuring that fire and rescue services are able to achieve theirs.

Many people in government, other public services and the population at large are not aware of the wider role fire and rescue services already play in prevention, protection and community safety. For some, the service is still predominantly associated with emergency response, designed to tackle a narrow range of emergencies. While this remains a critical part of what the FRS does, we have long known that we save as many if not more lives by preventing incidents from happening. Clear communication of the reasons and benefits behind fire and health collaboration, such as the shared risks and opportunities presented by Safe and Well Checks and other prevention activities, will be important if we are to receive support from colleagues and the communities to whom we want to deliver.

Information and data possessed by public services represents a powerful means of improving services and reducing harm. Health colleagues have information on illness, frailty, prescriptions and much more that can be used to identify those in need and coupled with fire and rescue service data and mapping tools to create a rich picture of those most at risk. We already know that in many instances public bodies are aware of individuals or families who are at risk but partner agencies remain unaware, often because of a perception that data and information cannot or should not be shared. We should challenge this view and work towards a position where the assumption is always in favour of sharing relevant data unless there is a good reason not to do so. Of course it is important to have in place security and confidentiality guidelines to ensure that the public can have confidence in how data is shared, who it is shared with and how it will be used.

When we are successful...

- Fire and Health services will collaborate across a number of agendas and to deliver against these will share resources, personnel, equipment and budgets.
- Government departments will have a joined up approach that enables the realisation of the benefits of providing greater integration between fire and health.
- The potential of fire as a health asset will be reflected in a broader focused National Framework
- Fire and rescue services will have access to a wide range of timely, relevant data in useable formats, which can be used to risk stratify and to prioritise and target health and wellbeing interventions, as well as other prevention activity.
- At a local level, fire and rescue services will be regarded as a key health asset and will be a key member of local Health & Well-being boards.

How might we measure this?

- Feedback from Clinical Commissioning Groups (CCGs) and fire and rescue services about their experience and interactions.
- Reductions in fires and negative health outcomes, such as excess winter deaths, amongst those targeted using health data.

Priority Two

Develop the design principles for and encourage the uptake of “Safe and Well” visits and the effective use of all fire and rescue service resources, building on the Home Safety Check and informed by existing good practice and ongoing evaluation.

A Safe and Well visit will be a person centred home visit to identify and reduce risk to the occupier or occupiers, which expands upon a Home Safety Check to include advice and interventions that address other risks that will further reduce fire risk, but will also help to improve health and wellbeing. Safe and Well maximises the opportunity to promote improved health outcomes and reduce harm, as part of the hundreds of thousands of visits Fire and Rescue Services are already undertaking.

The range of risks addressed will be tailored to meet local needs and capacity. Services will identify a multitude of risks, delivering advice and brief interventions and acting as the point of contact to reduce risks. These will target our most vulnerable people, from the frail and elderly, those with mental health issues to those with substance dependencies. Interventions could be equally broad, from undertaking the Gait Test for frailty, to administering vaccines, to fitting safety equipment or the early identification of long term conditions. Where appropriate, issues will be referred to specialists for further advice and support. These visits will assist in reducing pressures and demands for partners, identify more of the people in greatest need and deliver better outcomes for the communities we serve. To support these aims we should consider the effective use of all Fire and Rescue Service resources including stations, vehicles, equipment and staff.

Public services and health in particular are, quite rightly, strongly evidence based. There is a recognition that the evidence from the fire and rescue service's own success is a good starting point for this work, but there is much that fire and rescue services will do in support of health and social care partners that has a limited evident base; it will therefore be important to ensure that new initiatives and approaches are evidence led and linked to health outcomes frameworks so that it is clearly recognised and valued by health partners.

When we are successful...

- At a local level fire and rescue services will be working with local health partners to deliver thousands of Safe and Well visits, building on the success of Home Safety Checks.
- The most vulnerable in our communities will be receiving a joined up service, providing quick and effective early realistic assessment of need to improve their health and wellbeing and keep them safer in their homes.
- Health partners will be under reduced pressure and see improved outcomes for their patients

How might we measure this?

- Reduction in the demand or reduction in the growth in demand for accident and emergency, health and social care etc.
- Associated cost savings for health services – e.g. reduced frequent callers to GP surgeries (see Dorset SAIL project)
- Reduction in demand for other Emergency Services (fire, police, ambulance, responses from telecare etc.)
- Impact on outcomes from PH or NHS outcomes framework

Priority Three

Explore and develop other areas where fire services can improve health outcomes, by drawing on best practice, utilising new technology and investing in upstream prevention activity.

Fire and rescue services have a range of other interventions beyond a safe and well visits that they can make to improve health outcomes, from working with people and organisations to improve fitness to promoting key life savings skills and technology. The unique and trusted brand of the fire and rescue service enables us to engage with and motivate often hard to reach groups, and this can be exploited to improve the health and wellbeing of people young and old. As we have been able to do in terms of community resilience, fire and rescue services can act to empower communities to become more self-reliant and improve their own health, safety and wellbeing by providing advice, guidance, education and support to prevent susceptibility to risk before it occurs. Our experience in reducing fires and other emergencies through improved fire prevention and protection has proven to us that upstream activity which produces improved outcomes in the medium or long term are most effective.

New technologies, such as telecare services or fire suppression systems, play a positive role in supporting vulnerable people to remain independent in their own homes by connecting them directly to help and limiting or controlling fires when they occur. There is clear evidence that the use of telecare monitored fire detection systems, where fitted correctly, can be effective in the rapid detection of fire and mobilisation of fire crews and can therefore play an important role in achieving a range of benefits for both vulnerable individuals and the community in general.

Sharing good practice is one of the core roles of CFOA as the professional voice of the fire and rescue service. There is a wealth of existing guidance, information and good practice produced by both the health service and fire and rescue services which would be of use around health and fire matters. Sharing this guidance will allow services to integrate it into their thinking and strategic planning and include it within their interventions. Learning from others is also a vital way to improve services and avoid the mistakes of the past. Of course in all these areas we recognise that local differences mean that no one model will fit all areas.

When we are successful...

- Fire and Rescue Services will be seen as being key partners for Public health teams, CCGs and NHS Trusts for health, wellbeing and fitness promotion
- Fire and rescue services and health and social care partners will be able to utilise technologies such as telecare or mobile suppression systems to reduce the risk of death and injury from fire and other emergencies
- Fire and rescue services will have access to a comprehensive portfolio of good practice regarding fire, health and wellbeing collaboration and best practice from within the fire and rescue service will become common practice

How might we measure this?

- Direct feedback from PHE, NHS Trusts and CCGs – evaluation, monitoring outcome frameworks, positive referrals leading to change
- Conduct qualitative evaluations of fire service prevention activity both for the NHS Trusts and for FRSs before and after the arrangements are put into effect

Priority Four

Develop the skills and training requirements necessary to allow the fire service workforce to effectively support improved health outcomes

Firefighters and fire service staff are highly skilled and fulfil a range of roles. Over the past decades they have taken on a great many new tasks which have required them to be highly adaptable and open to new roles and responsibilities. Many of their existing skills, such as trauma care, risk assessments or community safety interventions, coupled with a problem solving culture and a strong ethic of public service, are relevant to our efforts to support the health and wellbeing agenda. There is clearly an opportunity to add to these skills with other basic health interventions.

Of course, there are an enormous number of complex issues in health and it will not be appropriate for fire and rescue service staff to try to tackle all of the problems. In many instances their role will be to identify risks and signpost to appropriately qualified health and social care colleagues, or non-statutory services. Nonetheless, if fire and rescue service staff are to become a health asset, a trusted partner and the eyes and ears of our health and social care colleagues, it will be vital to provide them with the appropriate skills and know how they will need to identify health risks, hold difficult conversations with vulnerable people and build the relationships with partners necessary to effectively signpost these issues.

When we are successful...

- A robust safeguarding process for firefighters and fire service staff working with vulnerable people will be in place.
- At a local level fire and rescue services in collaboration with health will be providing the necessary training and development to their staff to enable them to undertake a wider health role in a confident manner
- The public will be assured that health and wellbeing interventions are undertaken by professional and appropriately skilled people appropriate to their local risks and needs

How might we measure this?

- Independent verification of the health and wellbeing interventions being undertaken by fire service staff
- Level of satisfaction from firefighters and fire and rescue service staff undertaking health and wellbeing interventions
- Measure householders assessment of improved health and wellbeing
- MECC training and Marmot objectives combined with knowledge of importance of wider determinants of health

Priority Five

Create guidance for commissioners, health service providers and fire and rescue services to facilitate commissioning opportunities

Clinical Commissioning Groups CCGs, Local Authority Public Health departments, Social Services and health service providers will play a key role in any collaboration between health and fire, so they must be well informed and have confidence in the approach. Being clear with commissioners on why they should engage, what is possible (and not possible) and who is best to contact will be one means of doing this, together with examples of where fire and rescue services have already delivered successfully against the health and wellbeing agenda. Setting out the range of possibilities and potential at a national level will lead to the important conversations at a local level that lead to improved outcomes for the public. It will also be important to remember that the possibilities may be more limited in some areas than other, due to political, economic or operational factors.

Commissioning is not the same as procurement, although the two terms are sometimes incorrectly used interchangeably. Ensuring senior managers have a proper understanding of what commissioning is and how it works, as well as the necessary skills to take part in the commissioning process will be vital.

Although not all commissioning involves payment, it will also be important to consider and explore how work carried out by fire and rescue services on behalf of health might be funded. In some instances this work will incur little or no additional cost and the benefits will clearly be mutual. However, there may be occasions where a proper commissioning process with attached funding would be appropriate. This is already the case in some places around co-responding, first responding, or some other elements of community safety.

When we are successful...

- Health and Clinical Commissioners and health service providers will be fully aware of the benefits that can be achieved by engaging with fire and rescue services as a health provider
- Fire and rescue services will be fully aware of the commissioning opportunities with health and will have ready-made 'packages or tenders'
- Fire and rescue services will be widely commissioned by CCGs and other partners to undertake health interventions

How might we measure this?

- Direct feedback from fire and rescue services and CCGs on their understanding of the process and opportunities
- Through delivering against agreed objectives and outcome measures

Priority Six

Work with Ambulance Trusts, Association of Ambulance Chief Executives (AACE) and other partners to complement the professional expertise delivered by paramedics at medical emergencies

Ambulance services, unlike the fire and rescue service, are facing rapidly increasing demand for their services. In 2014/15 for example, they saw an increase of 9.3% or 265,952 category A calls that required an emergency response. Fire and rescue services in some areas are already providing assistance to ambulance colleagues for certain types of emergency and non-emergency calls, either working with paramedics to assist them at the scene of an incident, or freeing them up to tackle more pressing or complex incidents. While recognising that different areas face specific demands, risks and needs, there is clearly scope to extend this across the UK.

The vast majority of firefighters receive basic medical training to varying standards including trauma technicians. Many have the skills and resources necessary to provide an effective first or co responding service, or other intervention service. There is significant scope to develop these skills further through the development of single service or joint training approaches. Some services are even expanding into conveyancing in more isolated rural areas. Fundamentally, our services should be citizen focused and organisational boundaries or funding routes should not prevent us from providing the best possible service to someone in need.

Usually the first people at a scene of a cardiac arrest or similar medical emergency are members of the public. Fire and rescue services, have the capacity to extend the knowledge of lifesaving skills such as CPR and the availability of lifesaving technologies such as Automatic External Defibrillators (AED) through our enforcement and inspection roles with businesses or as part of our education programmes with children.

When we are successful...

- At a local level, every fire and rescue service will be able to work with their local ambulance service to provide a first or co-responding or other emergency and non-emergency medical response services appropriate to their local risks and needs
- There will be an increase in the availability of publicly available defibrillators and wider dissemination of vital first aid skills
- A member of the public suffering a cardiac arrest or other serious medical emergency will receive the fastest and most appropriate emergency response regardless of who provides it

How might we measure this?

- The number of Category A medical emergencies answered/lives saved
- Reduction/slow in growth of calls/responses made by ambulance colleagues
- Number of AED machines purchased/installed in community settings.

Priority Seven

Work with all health partners to improve the fire safety of the health and care premises where vulnerable people are at risk and reduce numbers of avoidable incidents that impact on the availability of Fire and Rescue Service resources

The NHS and other health partners have a strong record around fire safety, thanks to a clear recognition of the special risks associated with hospitals, care homes and other buildings where vulnerable people receive care. Amendments to the legislation governing Primary Authority Schemes (PAS) have brought the Regulatory Reform (Fire Safety) Order 2005 within their scope. The potential now exists for fire and rescue services to engage positively with those responsible for NHS and other health and care related premises to support and continue to improve fire safety and risk management and expand the use of fire safety technology such as suppression, through PAS. Of course, any improvements to the standard of fire safety on health and care premises will have the benefit of not only reducing false alarms but also reducing the risk of real fires and the associated dangers they pose to patients and staff as well as the negative effects caused by downtime dealing with alarms or incidents.

Hospitals are often responsible for the largest number of Unwanted Fire Signals or Automatic Fire Alarm activations received by fire and rescue services. It is possible, through alarm management processes to make significant reductions in unwanted calls from hospital sites. London Fire Brigade, which receives thousands of unwanted fire signals from hospitals across the capital, have had success in this area with a number of hospital Trusts, not least St Mary's Hospital in Westminster, where AFA calls reduced from more than 100 in 2009/10 and 2010/11 to only two in 2011/12 .

When we are successful...

- Hospitals, care homes, sheltered housing and other health and care premises will be much safer in the event of fire and better able to manage their responsibilities under fire safety legislation
- There will be a reduction in the number of false alarms which disrupt the provision and delivery of health services and waste fire and rescue service time and resources
- Health and care staff will be more confident in their knowledge of fire safety

How might we measure this?

- Reduction in fire incidents from health buildings
- Reduction in false alarms from health buildings

* <http://www.london-fire.gov.uk/Documents/Sup06-Management-of-Calls-to-Automated-Fire-Alarms.pdf>

Involving You

This strategy has been developed by fire and rescue services, for fire and rescue services.

The content of this strategy and in particular the priorities identified have been created by the CFOA Strategic Health Group, informed by our conversations with other CFOA colleagues and with health partners through the Fire-Health project group. We have sought to draw on a wide range of examples and experience from the fire and rescue service in forming the document.

However, the discussion has to continue, and this document will need to remain “live” and open to adaptation and change. Please visit the Fire as a Health Asset pages on the CFOA website to see the ongoing work of the Strategic Health Group and further detail on our performance against this strategy.

Your input, evidence and feedback are always welcome. Please contact either Peter O'Reilly at oreillyp@manchesterfire.gov.uk or Geoff Harris at harrisg@manchesterfire.gov.uk if you have any comments or questions.



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