



Sustainable Development

Annual Report 2020/21



Contents

Contents	2
Introduction by the London Fire Commissioner	3
1 Introduction	4
Policies and Plans.....	4
Key Achievements for 2020/21	4
Our Performance	4
2 Prevention, Protection, Response	6
Key Initiatives.....	6
3 Health, Safety & Wellbeing	7
Key Initiatives.....	7
4 Equalities and Inclusion	8
Key Initiatives.....	8
5 Climate change and environment	9
Key Initiatives.....	9
6 Economic Value	10
Key Initiatives.....	10
7 Ensuring that sustainability runs through all our activities.....	11
Key Initiatives.....	11
Appendix A: Environmental Data Summary	12
Appendix B: Sustainability Legislation Changes.....	15

Introduction by the London Fire Commissioner



I am immensely proud of how my staff operational and non-operational have stepped up in what has been a difficult year for all through the COVID-19 pandemic. My staff distributed 20 million items of PPE, made 40,000 face shields for NHS colleagues. 550 took on new roles to support our bluelight partners, driving ambulances, many provided mental health support to colleagues and significant numbers of staff have shifted to home working for prolonged periods, enabled in an incredibly short period of time by our colleagues in ICT.

COVID-19 has transformed the way we work in a matter of weeks. It dramatically increased home working, virtual meetings to avoid travel between stations and departments, and improved access to our All Staff briefings to include all fire fighters on duty at stations. Our Home Fire Safety Visits introduced a triage approach, restricting in person visits to the highest risk cases and offering remote support to others. Our education teams shifted to online delivery of lessons and support. All of which will bring longer term benefits for staff travel and flexibility and helps us to reach Londoners in more varied ways.

It was also a year that saw the tragic death of Firefighter Jaden Francois-Esprit, that has taught us some valuable lessons about how we transition our Firefighter recruits from trainee to Firefighter and prepare and support them for life on the fire station through the early years of their career. I am determined to see the lessons learned from his tragic death implemented, to bring about a better experience for all wanting to join the fire service.

The COVID-19 reduction in our services such as Home Fire Safety Visits and training to reduce the risk of transmission to our staff and the community, resulted in significant carbon reductions from fleet and travel that we know will be temporary. We are looking to the future to identify the challenges of achieving carbon zero and how we will overcome them. An exciting next step for the Brigade is our award of contract for the UK's first prototype Zero Emission Capable Pumping Appliance that will go into service later in 2021.

Looking forward I am keen that we do all we can to use our spending power and stability as a public sector organisation to support London's recovery, which is why I have signed the Brigade up to the Anchor Institutions Charter for London. We will be looking at how we can do more for Londoners and setting this out in our next Community Risk Management Plan, and our next Sustainable Development Strategy, both of which will be developed over the coming year.

A handwritten signature in black ink, appearing to read 'Andy Roe'.

Andy Roe
London Fire Commissioner

1 Introduction

The London Fire Brigade (LFB) is run by the London Fire Commissioner. We are one of the largest firefighting and rescue organisations in the world, employing some 5821 people. During an unprecedented year LFB have continued to serve the people of London through initiatives such as operation Braidwood, our response to the pandemic. Operation Braidwood saw 450 firefighters drive ambulances for the London Ambulance Service, attending over 110,000 incidents, and over a hundred firefighters join Pandemic Multiagency Response Teams (PMART). The Brigade delivered 20 million pieces of PPE during the pandemic as well as delivering food and medication to vulnerable people across the city.

Policies and Plans

The [London Safety Plan 2017](#) (LSP) sets out our plans for 2017-2021 to deliver against our corporate strategic aims: prevention and protection; response and resilience; and people and resources, which are supported by the underlying principles of inclusion, safety, sustainability, accountability and collaboration. Our [Sustainable Development Strategy 2016-20](#), sets out how we intend to deliver on that principle and lead the way on sustainable development within the UK fire and rescue service. Both the LSP and the SD Strategy were extended to 2022 to align to the delayed Mayoral election as a result of COVID-19.

The LFB's core sustainability policy covers: sustainable development; environmental, social, and economic pillars; and Responsible Procurement, covering social, economic and environmental issues, including ethical sourcing and fair employment. We also have an overarching environment policy along with procedures covering the specific areas of energy conservation, waste management, pollution prevention and gardens. The Mayor's London Environment Strategy has set out the key actions to deliver through to 2050, which is supported by a more specific short term single environment plan and Carbon Reduction Strategy for the LFB.

Key Achievements for 2020/21

- Distributed over 20 million items of PPE, and made over 40,000 face shields for our NHS colleagues
- 550 LFB staff volunteered to support our blue light partners in response to the Coronavirus pandemic
- Our latest intake of trainee fire fighters exceed target for ethnically diverse and women trainees
- We awarded a contract for the first zero emission pumping appliance in the UK
- 94 per cent of our fleet are ready for Ultra Low Emission Zone extension.
- CO₂ reduction is down 57.9 per cent from 1990, and on track for our first carbon budget and a reduction of 60 per cent by 2025.
- Three rapid charge points have been installed at Surbiton, Hillingdon and Acton

Our Performance

This report highlights performance against the objectives of our Sustainable Development Strategy and our sustainable development framework. More detailed performance data on Inclusion; Fire Safety; and Health Safety & Wellbeing, as well as previous years and at borough and ward level is available through the [London Data Store](#).

Our sustainability performance is summarised by 10 indicators on page 6. We are on target for 5 of the 8 core indicators that have targets.

The figures provided in the performance summary chart and the body of this report for sickness, safety and fires are annual performance compared to our 5 year direction of travel (▼, ▲, ►) which we consider, to be more appropriate measures to show trends in performance, the remainder are annual trends.

PERFORMANCE AT A GLANCE



HOME FIRE SAFETY VISITS

17,323

Down from 77,087¹

FIRES ATTENDED

16,965

Down from 17,751

RECYCLING^{2*}

64.8%

Down from 67.8%

CONTRACTORS STAFF PAID LONDON LIVING WAGE

138

CO₂ REDUCTION*

57.9%

Up from 52.9%



APPRENTICESHIP STARTS

237

11 through our contracts

SME SPEND*

30.7%

Down from 41.3%

RIDDOR³ EVENTS*

48

Down from 56

WOMEN Trainee firefighters

22.8%

Up from 16.7%

BLACK, ASIAN AND MINORITY ETHNIC GROUPS Trainee firefighters

33.3%

Up from 13.5%

SHIFTS/DAYS SICKNESS LOST* Operational staff

5.3%

KEY

- Prevention, protection and response
- Climate change and environment
- Economic value
- Health, Safety and Wellbeing
- Equalities and inclusion

Comparison figures throughout this report are annual comparisons, other than fire related, which are on a five year trend unless otherwise indicated.

- 1 HFSV's were down significantly from last year due to the impacts from COVID-19.
 - 2 The recycling rate decreased due to the closure of the dirty Materials Recycling Facility that our waste contractor operated to extract incorrectly sorted recyclable material from our waste stream. It was not financially viable to run this facility during Covid-19.
 - 3 Reporting of Injuries, Diseases and Dangerous Occurrences Regulations.
- * Corporate indicators.

2 Prevention, Protection, Response

Our Objectives

1. Improve the safety and security of Londoners through our prevention and protection activities

**10 year average*

5 year average

Our Performance

- ✘ Time spent on community safety work by station staff: 5.4% ▼
- ✘ Home Fire Safety Visits (HFSVs): 17,323 ▼
- ✓ All fires attended: 16,965 ▼
- ✓ All fire deaths*: 31 ▼
- ✓ Injuries from fire#: 839 ▼

Home fire safety visits and fitting smoke alarms save lives and reduces the number of fires and their devastating impacts. Fires can result in considerable social, financial and environmental impact, and the effectiveness of our prevention, protection and response activity reflects a significant role in supporting the community. Whilst performance indicates HFSVs are down significantly on last year, this can be attributed to the impacts of COVID 19. Fire related fatalities and injuries, continue to be influenced by the significance of the Grenfell Tower fire as they are averaged over multiple years.

Key Initiatives

- Brigade staff supported communities through delivering food and medicine to vulnerable residents during lockdowns.
- In response to new risks resulting from COVID-19, we launched a campaign to withdraw balcony BBQs from sale.
- Educational activity moved online with at home challenges reaching 49,590 young people, and three videos covering fire prevention, fire detection and escape reaching 451 primary schools, with live Q&A.
- 134 children and young people received one-to-one tailored intervention via 251 virtual intervention sessions and 249 face to face intervention sessions as part of the Juvenile Firesetters Intervention Scheme. Staff also contributed to creating 'Frankie the Fire Dog', a book to be used when working with primary school children.



Operation Braidwood

COVID -19 led to large scale deployment of firefighters to assist partner organisations. We distributed over 20 million items of PPE, and made over 40,000 face shields for our NHS colleagues. 450 Firefighters co-crewed ambulances, alleviating the shortage of LAS drivers through the Ambulance Driver Assist (ADA) programme. 100 Firefighters joined the Pandemic Multi Agency Response Teams (PMART), alongside colleagues from the NHS, the Metropolitan Police Service and a medic to visit the homes of suspected Coronavirus victims.

3 Health, Safety & Wellbeing

Our Objectives

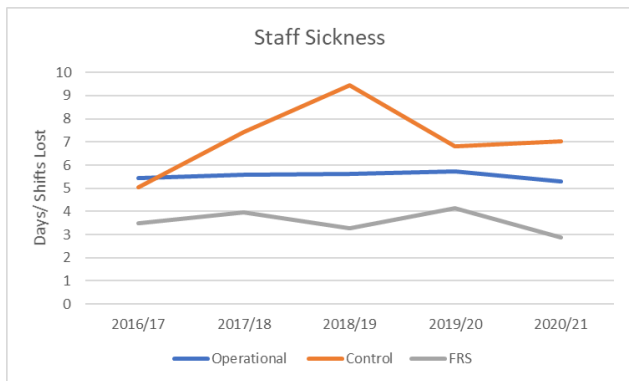
- 2. Protect and promote the health safety and wellbeing of our staff

Our Performance

- ✓ RIDDOR events: 48 ▼
- ✓ Vehicle Events: 394 ▼

Our staff are placed in stressful situations, posing risks to their physical and mental health. Health, safety and wellbeing are very important for us, to maintain a productive workforce that can provide a quality service.

- Stress, anxiety and depression (SAD) remains the main reason for sickness amongst all staff.
- Referrals to the Counselling and Trauma Service increased as a direct result of the impact of the pandemic on mental health.
- Vehicle events dropped ten per cent, in part due to reduced vehicle journeys due to COVID-19.



Key Initiatives

- Non-operational staff volunteered as initial callers to support the welfare of operational staff by providing information on how to access mental health support.
- The Wellbeing, Counselling and Trauma Services Teams provided a steady stream of information, across a number of channels, including providing workout videos, online wellbeing seminars and online meditation groups, to help staff manage these difficult times.
- RIDDOR events reduced by a further 8 per cent, continuing the downward trend of the last five years due to multiple improvements in safety management.
- To reduce the exposure of fire fighters COVID-19 we provided type IIR Surgical face masks, nitrile gloves and provided guidance on PPE use. Monthly COVID Watch Briefings were to keep operational staff up to date with current COVID guidance.
- United MINDS and the Counselling & Trauma Service hosted a webinar addressing Black, Asian and Minority Ethnic (BAME) mental health experience, and how we can best support our BAME communities and staff.
- Our ICT department kept our systems running smoothly when the number of remote users rocketed from around 30 to more than 900 almost overnight due to the national lockdown in March 2020.

Prioritising Mental Health and Wellbeing

The Coroner's inquest into the tragic death of Firefighter Jaden Francois-Esprit's concluded that the Brigade needed to do more to help prevent similar tragedies in the future. The Brigade's own internal investigation identified 24 recommendations for improvement including how we:

- tailor training and support to trainee firefighters who may have different, specific needs
- support colleagues struggling with their mental health
- organise station allocation and transfer requests
- offer support to new firefighters as they transfer from the training venue to fire station



4 Equalities and Inclusion

Our Objectives

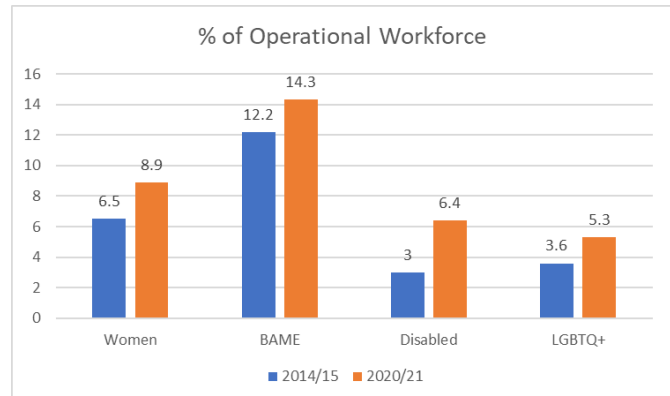
3. Developing a diverse and inclusive workforce, supported by a diverse and inclusive supply chain, serving diverse communities

Our Performance

- ✓ SME Invoices paid in 10 days: 97.6% ▲
- ✗ Spend with SMEs: 30.7% ▲

London is one of the most diverse cities in the world and we want our workforce as well as our suppliers to reflect this, with staff and suppliers from all backgrounds, regardless of race, gender, disability, sexual orientation, faith or religion and age.

- The gender (22.8 per cent) and ethnic diversity (33.3 per cent) of trainee fire fighter intake exceeded target, alongside increases in the diversity of our operational workforce across all groups monitored.
- Our median gender pay gap was previously reported as +2.8 per cent, more recent data is not available, our pay ratio between the highest and median salary has increased to 4.99, and is below the target of 6.
- Spend with SMEs decreased significantly due to COVID-19 related pauses to non-critical property works, reduced business travel, reduced legal service requirements following the end of phase 1 of the Grenfell Inquiry, and reduced second tier SME spend as the vehicle replacement programme nears completion.



Key Initiatives

- The expansion of Fire Cadet units, from 18 to 32 means there is now a Fire Cadet unit in every borough. This will provide more young people with the opportunity to become a Fire Cadet in their local area.
- Our Togetherness Strategy is one of the enablers in our Transformation Delivery Plan, and has already provided improvement to staff communications, development and training roll out of new high-rise policies, and greater investment in Incident Command training.
- The increase in diversity reflects targeted recruitment initiatives aimed at underrepresented groups, including information day events for under-represented groups to learn more about the firefighter role and challenge misconceptions, fitness support for women and employability workshops to black and minority males.

Supporting under-represented groups

The Outreach Team collaborated with the Fitness Team to devise a home training programme for women, offering virtual support over four sessions via Zoom for 22 women. Attendees were shown video footage of the new work-related tests adapted for COVID-19. Trainers provided training tips and an opportunity for attendees to ask questions.



5 Climate change and environment

Our Objectives

4. Reduce our CO₂ emissions by 60 per cent from 1990 levels by 2025
5. Ensure that we have the capacity to respond to the challenges posed by climate change
6. Protect the environment from harm through emergency response and delivery of our service

Our Performance

- ✓ CO₂ Reduction 57.9% ▲
- ✗ Onsite Renewable energy 10.3% ▲
- Water Consumption 99,261m³ ▼
- ✗ Recycling rate 64.8% ▼
- ✓ Zero Emission Capable Fleet 12% ►

Climate change affects the number and scale of weather related incidents the LFB attends, such events can vary considerably from year to year. Flooding incidents were up on the previous year to 686 and grass fires increased 38 per cent on the previous year with, firefighters attending 4262 incidents across London. Our carbon emissions reduced further, although some of these reductions could be temporary due to COVID-19 related changes to our contracted service, reduced community safety visits and training activity.

Key Initiatives

- 42 fleet vehicles were replaced, ready for the ULEZ expansion
- We awarded the innovative Zero Emissions Pumping Appliance (ZEPA) prototype vehicle contract to help us prepare to introduce a future fleet of zero emission vehicles
- Three public rapid charging points installed at the front of fire stations, were used over 600 times in their first 2 months, supporting our staff and the public to go electric
- A focus on improving maintenance of our onsite renewable energy systems increased onsite generation from 8 to 15 per cent, whilst this was impacted by a manufacturing fault with the Combined Heat and Power systems over winter, output of PV systems increased by 23%.
- A pilot of enhanced support for stations to improve recycling, demonstrated initial improvements with improved signage, bin placement and education. COVID risk reduction measures paused visits, and the pilot.
- 80kWp of solar Photovoltaics were installed at 4 fire stations, with a focus on maximising output per site.



Environmental Management System (EMS)

Degree of control scores were strengthened, and all stations remained at minimum acceptable level or better. Two stations dropped from excellent to good. Minor findings related to a lack of chemical spill bin provision, incorrect separation and management of waste and recycling, and incorrect spill management of DERV tanks.

		Degree of Control	Stations*	Depts.*
High	5	Excellent	0 ▼	2 ►
	4	Good	10 ▲	1 ►
	3	Minimum Acceptable	4 ▼	0 ►
	2	Poor	0	0
Low	1	Unacceptable	0	0

Further environment and climate data is detailed in [Appendix A](#), and relevant environmental regulatory changes and our response are detailed in [Appendix B](#)

6 Economic Value

Our Objectives

7. Support skills and employment for Londoners through the provision of apprenticeship opportunities
8. Support businesses in understanding the economic impact and risks of fire and encourage businesses to undertake contingency planning
9. Continually improve the social value obtained from the public money we spend

Our Performance

- **237 LFB apprenticeships**
- **11 through contracts**
- **10 Job starts through contracts**
- **138 Contractors staff paid the London Living Wage**
- ✓ **Mayor's financial savings target: £5m**

Economic value encompasses more than just balancing budgets, it's about ensuring that we obtain best value for the public funds we spend in providing our service to the public. That means striving to provide more for Londoners through the things we buy and who we buy them from, ensuring that that our staff and our contractors staff a treated fairly, ethically and are afforded opportunities to prosper, in particular supporting the more vulnerable members of our community. It also means supporting the businesses we engage with through Fire Safety to improvement their approach to risk management to help them prosper for longer. The provisional outturn position for 2020/21 on the revenue budget is an underspend of £9,369k (2.1%) after the impact of the £5m in year funding reduction from the Mayor due to the impact of COVID-19.

Key Initiatives

- The first cohort of trainee firefighters that started our firefighter apprenticeship programme completed their apprenticeship and a further 237 trainees started on the scheme.
- We continue to require all our contractors to pay their staff working on our premises the London Living Wage or higher, meeting the Living Wage Employer terms as a Living Wage Employer.
- We published our first Modern Slavery Statement in line with Home Office guidance, which set out actions for improvement on staff training, revising risk assessments and reviewing assurance practices.
- Monitoring supply chain compliance with the Modern Slavery Act (2015), shows all key suppliers are compliant, five of which has statements that meet all Home Office good practice criteria.
- The property department attended a workshop aimed at furthering knowledge on risk of Modern Slavery in the construction industry and the Modern Slavery assurance handbook was published.
- Firefighter charity donations again exceeded previous years with a £76k contribution from EAKO as a result of sales of their products made from our redundant fire hose, and £9.4 k from LMB resulting from 75 tonnes of clothing donated through textile recycling bins based at fire stations.
- A number of contracts updated their terms and conditions to include Electronics Watch



7 Ensuring that sustainability runs through all our activities

Our Objectives

- 10. Support our staff to ensure that sustainability runs through all our activities

Our Performance

- **A level projects¹ completing SDIAs: 77%** ▼
- **Policies completing SDIAs²: 99%** ►
- **Green Champions: 356** ►

Our Sustainable Development Impact Assessment (SDIA) process provides assurance that the LFB is meeting its legal obligations, and complying with LFB and Mayoral targets, policies and strategies to reduce environmental impact and deliver more sustainable outcomes. This forms part of the controls of our certified EMS. The levels of SDIA compliance has decreased for projects by two per cent, this reflects the fact that a number of projects are in the planning phase and are currently in the process of completing SDIAs.

Key Initiatives

- We awarded the contract for our first Zero Emissions Pumping Appliance (ZEPA). A hybrid- electric truck which "looks and feels" like the current vehicle, and can pump water continuously for four hours.
- 92 Fire Stations from 6 UK Fire Services participated in the fourth Energy Savers competition. Two London stations placed in the top 20, led by Surbiton who reduced their energy use by 9.5 per cent.
- 234 staff were helped to start or continue cycling to work through Ride to Work.
- Ten of our best gardens competed in 'Brigade in Bloom', with Norbury Fire Station winning the Best Large Garden. 87 of our sites (Fire Stations, Control centre and Headquarters) now benefit from a staff led garden, offering them a place to unwind, support their wellbeing, local air quality, zero miles food and pollinators.
- Instigated by one our West Norwood Fire Fighters, 20 fire stations participated in 'Tops Off', the bottle top recycling campaign in response to the COVID-19 shortage.



Free staff schemes for cycle hire during the COVID -19 pandemic

The Santander Cycle Hire scheme provided free cycle rides to staff during the first lockdown and Lime hire bike eliminated the access fee for our staff over the summer.

Better Bankside, the Business Improvement District covering our Headquarters site, let Brigade staff borrow a Brompton bike for free for a month to trial commuting by bike, and provided secure, covered bike parking close to our office. These schemes enabled LFB staff to use socially distant and sustainable forms of transport to get to work.

¹ Strategic projects with an A level governance

² Sustainable Development Impact Assessment

Appendix A: Environmental Data Summary

Buildings Resource Use Data	2016/17	2017/18	2018/19	2019/20	2020/21
Actual cost of energy (£m)	1.3	2.1	2.3	1.8	2.3
Total energy consumption (GWh)	38.2	38.0	36.8	35.7 ⁱ	36.8
Total floor area (m ²)	181,652	177,363	177,363	143,852 ⁱⁱ	168,732
Total energy intensity (kWh/m ²)	210.5	214.2	217.4	248.2	218.1
Electricity (GWh)	13.0	12.2	13.3	11.8	11.0
Gas (GWh)	25.2	25.8	23.5	23.9	25.9
Water Consumption (m ³)	94,277	127,995	99,967	165,872 ⁱⁱⁱ	99,261
CO ₂ (t)	10,165	9,927	8,083	7,359	7,291
Onsite renewable energy %	7.2	8.2	7.3	8.6	10.3
Onsite renewable energy kWp	731.9	757.1	847.7	847.7	924.7
CO ₂ reduction from buildings from 1990 % ^{iv}	-43.7	-45.6	-55.0	-59.1%	-59.6%
Building Energy Ratings	2016/17	2017/18	2018/19	2019/20	2020/21
A	1	1	1	1	2
B	13	16	9	12	16
C	54	60	61	56	68
D	31	25	28	26	17
E	7	5	7	7	2
F	3	1	1	2	2
G	1	1	2	0	1
Not rated	2	0	1	0	1
Fleet Data	2016/17	2017/18	2018/19	2019/20	2020/21
Total No. LFEPAs vehicles	467	433	433	463	433
Diesel fuel frontline fleet (Mlitres)	1,563	1,165	1,448	1249.2	1,129
Petrol fuel frontline fleet (Mlitres)	-	10.5	25.7	23.0	20.16
% non road vehicles	3.9	1.9	1.8	2.2	2
% Pre-Euro to Euro II ^v	0.9	0.9	0.9	0.9	0
% Euro III	61.2	49.6	39.9	25.7	18
% Euro IV	9.2	9.5	8.2	6.7	3
% Euro V	9.0	9.7	8.2	3.2	5
% Euro VI	3.6	15.2	28.4	47.1	60
% Zero Emission Capable	12.2	13.2	13.4	14.3	12
Frontline fleet CO ₂ Emissions (t)	4,071	3,162 ^{vi}	3,804 ^{vi}	4,006 ^{vi}	2,923
Fleet Cars EV charging CO ₂ (t)	14.0	15.1	11.5	11.0	5.7
Grey fleet miles	688,459	602,704	813,721	450,694	382,775
Grey fleet CO ₂ emissions (t)	203.6	175.3	234.5	126.5	88.9
Air Travel	2016/17	2017/18	2018/19	2019/20	2020/21
Miles Travelled	839,669	501,898	288,403	167,541	5,304
CO ₂ from Air Travel (t)	112	94	53.5	45.8 ^{vii}	0.9
Total CO ₂	2016/17	2017/18	2018/19	2019/20	2020/21
Total CO ₂ (t) ^{viii}	14,566	13,359	12,175	11,412	10,303
Total CO ₂ reduction from 1990 %	-40.5	-45.4	-50.3	-52.9	-57.9

Waste & Recycling	2016/17	2017/18	2018/19	2019/20	2020/21
Mixed recycling (t)	422.1	408.5	326.6	298.9	275
Food waste recycled (t)	80.0	95.5	230.9	268.4	260
Waste to energy (t)	424.0	414.2	342	270.0	291
Waste to landfill (t) ^{ix}	2.8	0	0	0	0
Batteries recycled (t)	2.0	0.97	1.9	0 ^x	TBC
Textiles recycled (t)	1.98	1.62	2.7	1.28	7.5
Mobile phones recycled (volume)	0	0	0	0	0
Toner cartridges (volume)	995	0	0	2277 ^{xi}	455
Hose recycled (t)	5.9	6.0	2.7	5.0	3
Fire Fighter Charity Donations (£k)	22	4.1 ^{xii}	26.9	51.9	76.3
Recycling rate (%) ^{xiii}	54.1	54.9	62.4	67.8	65.0
Total Waste produced (tonnes) ^{xiv}	929.0	926.8	899.4	837.3	828
Environmental Incidents	2016/17	2017/18	2018/19	2019/20	2020/21
Suspected Hazmat incidents	5409	5659	5750	5395	4345
HMEPO incident attendance	526	573	837	990	897
Weather related flooding	832	402	469	507	686
Grass fires	3480	3284	4290	3098 ^{xv}	4262
Significant Spills at our premises	0	0	0	1	1
Near misses recorded at our premises ^{xvi}	2	1	0	1	0
Compliments and Complaints ^{xvii}	2016/17	2017/18	2018/19	2019/20	2020/21
Corporate Compliments	0	0	0	0	0
Corporate Complaints	0	0	0	1	0

ⁱ Approximately one third of the gas consumption data from Barnet fire station is missing for January and February 2020.

ⁱⁱ Floor space decreased due to the sales of the former sites of Southwark Training Centre in 2018 and the old Mitcham fire station in 2019/20

ⁱⁱⁱ Meter readings have been carried out by the current supplier to adjust previous years estimates provided by the previous supplier, whom read meters biannually. Water usage may have increased due to COVID-19 with additional cleaning and washing.

^{iv} CO₂ emissions are reported as absolute figures, when weather has a significant impact, weather corrected figures are also reported.

^v Figures are based on engine standard on registration only and do not reflect any modifications.

^{vi} Corrected to include electric vehicle charging emissions in 2017/18, 2018/19, 2019/20

^{vii} Reduction in air miles travelled is primarily as a result of further travel reductions by the NFCC team, who work on behalf of the UK Fire and Rescue Service.

^{viii} We report direct and indirect emissions from our buildings, fleet and air travel in line with the Greenhouse Gas Protocol (GGP) and the Mayor's London Environment Strategy.

^{ix} Waste and recycling for our Control centre was managed under a separate contract to our other sites prior to 2017/18.

^x Battery collection unable to occur due to COVID-19.

^{xi} Used toner cartridges were stored for recycling due to low volumes prior to 2019/20.

^{xii} EAKO undertook business investment to provide a more sustainable long term footing including additional employees, reducing profits and therefore donations in 2017/18 for hose recycling.

^{xiii} Our recycling rate refers to tonnes recycled through our waste and recycling contract, excluding hazardous waste and skips. Our contractor operated a dirty Material Recovery Facility from late 2018/19, which improved performance, it was cut in 2020/21 following the impacts of COVID-19 on their business.

^{xiv} Total waste produced includes all materials disposed of through our waste and recycling contract.

^{xv} 19/20 previously recorded as 2264, this was due to the incorrect data set being used

^{xvi} A near miss recorded on our premises is were a minor spill occurred and was contained

^{xvii} Specific to the environment theme.

Appendix B: Sustainability Legislation Changes

Below are details of the changes to legislation for 2020/21 with relevance to sustainable development and the LFB.

Legislation	Action taken
<p>There has been some time-limited COVID-19 regulatory position statements (RPSs) in relation to waste regulation made by the Environment agency due to constraints caused by COVID.</p> <p>These changes are related to waste documentation. The amendments will ensure paperwork can be completely timely and safely. For example, signatures can now be electronic and Waste Transfer Notes can be sent electronically to adhere to social distancing.</p>	No action required