

Freedom of Information request reference number: 6518.2

Date of response: 4 August 2022

Request:

In May of this year, you kindly responded to my request for information on sprinklers for the financial year 2021/2022 allowing me to complete a report identifying trends, discussion points and insights relating to the use of sprinklers in London. The outcome of which will influence change making sprinklers the norm not the exception

Unfortunately, the data provided is not specific regarding the following categories as used by the home office

- *Property Category 3 for purpose-built high-rise flats.*

Allowing the number of floors to be identified using

- *Property Category 4 which is broken down in to 3 key areas*

1-3 storeys

4- 9 storeys

10 or more storeys

Would it be possible to revise the attached spread sheet to include the above-mentioned data?

Response:

Please see the attached spreadsheet updated to including Property type and number of storeys if recorded.

I hope you find this information of use. Should you have any further questions please do let me know.

We have dealt with your request under the Freedom of Information Act 2000. For more information about this process please see the guidance we publish about making a request [on our website](#)

FRS Name	Financial Year	Date of incident	Location of fire	Roof	East	North	Property/Category	Parent/Property Type	Property Type	Were there any active safety systems present?	Type of active safety systems	Location of active safety systems	Did the safety system operate?	How many people?	Impact upon fire	Reason system did not function as intended	What was the source of the ignition?	What item was ignited first?	What was the item, if any responsible for fire?	Rapid fire growth	Location of fire origin	Building special construction description	Fire size at arrival	Extent of the area that is fire damaged	Floor fire extinguished	Number of pumps attended	
London Fire Brigade	2021/22	08/01/2022 17:17	WALTHAM FOREST	35000	18000	Other Residential	Other Residential	Student flat of Residence	Yes	Sprinklers	In room of origin of fire	Yes and raised alarm	1	1	Extinguished	Fire in area not covered by system	Smoking materials	Other textiles	Other textiles	Not rapid fire growth	Bedroom	Cladding	Limited to room of origin	2	5		
London Fire Brigade	2021/22	11/01/2022 04:01	SUTTON	52000	16000	Dwelling	Purpose Built Flats/Maisonettes	Purpose Built Flats/Maisonettes	10 or more storeys	Yes	Sprinklers	On same floor as fire	No, but did not raise alarm	0	0	Did not contain/control	Fire in area not covered by system	Lighted paper or card, or other related flame	Household paper/Cardboard	Household paper/Cardboard	Not rapid fire growth	Lift shaft/Motor room	None	Head & Smoke Change Only	Head & Smoke Change Only	0	5
London Fire Brigade	2021/22	14/01/2022 11:01	CAUDEN	53000	18000	Non-Residential	Transport buildings	Transport warehouse	Yes	Sprinklers	In room of origin of fire	Yes and raised alarm	1	1	Contained/Controlled	Not known	Storage heater	Household paper/Cardboard	Household paper/Cardboard	Not rapid fire growth	Store room	None	Head & Smoke Change Only	Head & Smoke Change Only	0	5	
London Fire Brigade	2021/22	02/02/2022 19:11	CROYDON	53000	16000	Other Residential	Residential/Hotel	Nursing/Car home/Respite	Yes	Sprinklers	In room of origin of fire	Yes and raised alarm	1	1	Contained/Controlled	Other	Minor/None	Other food not oil or fat	Other food not oil or fat	Not rapid fire growth	Bedroom	None	Head & Smoke Change Only	Head & Smoke Change Only	0	5	
London Fire Brigade	2021/22	06/02/2022 09:11	ROCKWON LION THAMES	52000	17000	Dwelling	Dwelling	Home - single occupancy	Yes	Sprinklers	On same floor as fire	Yes, but did not raise alarm	Not known	0	0	Did not contain/control	Other	Other item	Other	Not rapid fire growth	Corridor/Hall	None	Head & Smoke Change Only	Head & Smoke Change Only	0	11	
London Fire Brigade	2021/22	01/04/2022 11:13	NORTHAM	51000	18000	Other Residential	Purpose Built Flats/Maisonettes	Purpose Built Flats/Maisonettes	10 or more storeys	Yes	Sprinklers	In room of origin of fire	Yes and raised alarm	1	1	Contained/Controlled	Fire in area not covered by system	Other textiles	Other textiles	Not rapid fire growth	Kitchen	None	Head & Smoke Change Only	Head & Smoke Change Only	0	5	
London Fire Brigade	2021/22	06/08/2022 18:46	BROMLEY	54000	16000	Dwelling	Converted Flats/Maisonettes	Converted Flats/Maisonettes	3 or more storeys	Yes	Sprinklers	Different floor from fire	No	0	0	Did not contain/control	Fire in area not covered by system	Other	Plastic - raw material only	Wiring insulation	Not rapid fire growth	Other	None	Head & Smoke Change Only	Head & Smoke Change Only	999	17
London Fire Brigade	2021/22	15/01/2022 11:16	HORSHAM	53000	18000	Other Residential	Other Residential	Home - multiple occupancy	Yes	Sprinklers	In room of origin of fire	Yes and raised alarm	1	1	Contained/Controlled	Other	Other industrial equipment	Other industrial equipment	Wiring insulation	Wiring insulation	Not rapid fire growth	Power house/Plant/Generator	None	Head & Smoke Change Only	Head & Smoke Change Only	0	4
London Fire Brigade	2021/22	15/03/2022 11:06	NEWHAM	54000	18000	Non-Residential	Purpose Built Flats/Maisonettes	Purpose Built Flats/Maisonettes	10 or more storeys	Yes	Sprinklers	In room of origin of fire	No	0	0	Did not contain/control	Other	Minor/None	Other food not oil or fat	Other food not oil or fat	Not rapid fire growth	Kitchen	None	Head & Smoke Change Only	Head & Smoke Change Only	2	5
London Fire Brigade	2021/22	15/04/2022 19:13	ENFIELD	53000	17000	Non-Residential	Shopping Centre	Shopping Centre	Yes	Sprinklers	In room of origin of fire	Yes and raised alarm	1	1	Extinguished	Fire in area not covered by system	Lighted paper or card, or other related flame	Household paper/Cardboard	Cladding	Not rapid fire growth	Bedroom	None	Head & Smoke Change Only	Head & Smoke Change Only	2	5	
London Fire Brigade	2021/22	09/04/2021 18:22	ENFIELD	53000	19000	Non-Residential	Retail	Shopping Centre	Yes	Sprinklers	In room of origin of fire	Yes and raised alarm	1	1	Extinguished	Other	Lighted paper or card, or other related flame	Household paper/Cardboard	Cladding	Not rapid fire growth	Other	None	Head & Smoke Change Only	Head & Smoke Change Only	2	2	
London Fire Brigade	2021/22	25/01/2022 14:42	ROCKWON LION THAMES	51000	17000	Dwelling	Dwelling	Self contained/Residential	Yes	Sprinklers	In room of origin of fire	No	0	0	Did not contain/control	Not known	Cladding	Cladding	Not rapid fire growth	Living room	None	Head & Smoke Change Only	Head & Smoke Change Only	0	5		
London Fire Brigade	2021/22	14/04/2022 11:14	SUTTON	53000	16000	Non-Residential	Public admin, security and safety	Prison	Yes	Sprinklers	On same floor as fire	Yes and raised alarm	0	0	Did not contain/control	Fire in area not covered by system	Uninsulated external fitting of structure	Other	Not rapid fire growth	Other	None	Head & Smoke Change Only	Head & Smoke Change Only	999	3		
London Fire Brigade	2021/22	14/07/2022 18:10	BARNES AND CLAYDON	54000	18000	Non-Residential	Purpose Built Flats/Maisonettes	Up to 5 storeys	Yes	Sprinklers	On same floor as fire	No, but did not raise alarm	1	1	Contained/Controlled	Not known	Wiring insulation	Wiring insulation	Wiring insulation	Wiring insulation	Not rapid fire growth	Shop floor/Showroom/Display hall	None	Head & Smoke Change Only	Head & Smoke Change Only	0	2
London Fire Brigade	2021/22	05/01/2021 08:13	HACKNEY	53000	18000	Non-Residential	Purpose Built Flats/Maisonettes	Up to 5 storeys	Yes	Sprinklers	On same floor as fire	Yes and raised alarm	1	1	Contained/Controlled	Other	Wiring/cabling plugs	Wiring insulation	Wiring insulation	Not rapid fire growth	Office	None	Head & Smoke Change Only	Head & Smoke Change Only	0	2	
London Fire Brigade	2021/22	02/02/2022 11:14	TOWER HAMLETS	53000	18000	Dwelling	Purpose Built Flats/Maisonettes	Up to 5 storeys	Yes	Sprinklers	In room of origin of fire	Yes and raised alarm	1	1	Contained/Controlled	Other	Capillary	Household paper/Cardboard	Household paper/Cardboard	Not rapid fire growth	Other	None	Head & Smoke Change Only	Head & Smoke Change Only	0	5	
London Fire Brigade	2021/22	12/02/2022 19:07	ROCKWON LION THAMES	52000	17000	Non-Residential	Retail	Large supermarket	Yes	Sprinklers	On same floor as fire	Yes and raised alarm	1	1	Contained/Controlled	Other	Other	Household paper/Cardboard	Household paper/Cardboard	Not rapid fire growth	Other	None	Head & Smoke Change Only	Head & Smoke Change Only	0	5	
London Fire Brigade	2021/22	10/03/2022 11:16	NEWHAM	54000	18000	Dwelling	Purpose Built Flats/Maisonettes	10 or more storeys	Yes	Sprinklers	On same floor as fire	No	0	0	Did not contain/control	Fire in area not covered by system	Deep fryer	Cooking oil or fat	Cooking oil or fat	Not rapid fire growth	Kitchen	None	Head & Smoke Change Only	Head & Smoke Change Only	4	1	
London Fire Brigade	2021/22	09/03/2022 11:27	ROCKWON LION THAMES	52000	17000	Non-Residential	Purpose Built Flats/Maisonettes	10 or more storeys	Yes	Sprinklers	In room of origin of fire	Yes and raised alarm	1	1	Contained/Controlled	Other	Minor/None	Other	Other	Not rapid fire growth	Kitchen	None	Head & Smoke Change Only	Head & Smoke Change Only	4	5	
London Fire Brigade	2021/22	16/03/2022 17:12	HAMMERSMITH AND FULLHAM	52000	19000	Non-Residential	Public admin, security and safety	Prison	Yes	Water mist	On same floor as fire	Yes and raised alarm	1	1	Contained/Controlled	Other	Wiring insulation	Wiring insulation	Wiring insulation	Wiring insulation	Not rapid fire growth	Bedroom	None	Head & Smoke Change Only	Head & Smoke Change Only	1	3
London Fire Brigade	2021/22	16/03/2022 18:18	GREENWICH	53000	17000	Dwelling	Purpose Built Flats/Maisonettes	10 or more storeys	Yes	Sprinklers	In room of origin of fire	Yes and raised alarm	1	1	Contained/Controlled	Other	Electrical supply - Fuse board/Consumer unit	Wiring insulation	Wiring insulation	Not rapid fire growth	Other	None	Head & Smoke Change Only	Head & Smoke Change Only	1	3	
London Fire Brigade	2021/22	16/03/2022 19:58	GREENWICH	53000	17000	Dwelling	Purpose Built Flats/Maisonettes	10 or more storeys	Yes	Sprinklers	In room of origin of fire	Yes and raised alarm	1	1	Extinguished	Other	Wiring insulation	Wiring insulation	Wiring insulation	Not rapid fire growth	Other	None	Head & Smoke Change Only	Head & Smoke Change Only	5	6	
London Fire Brigade	2021/22	06/04/2021 18:11	ROCKWON LION THAMES	51000	16000	Dwelling	Purpose Built Flats/Maisonettes	10 or more storeys	Yes	Sprinklers	On same floor as fire	No	0	0	Did not contain/control	Fire in area not covered by system	Coloured PVC sheet	Other food not oil or fat	Other food not oil or fat	Not rapid fire growth	Kitchen	None	Head & Smoke Change Only	Head & Smoke Change Only	8	1	
London Fire Brigade	2021/22	21/03/2022 11:14	TOWER HAMLETS	53000	18000	Non-Residential	Offices and call centres	Offices and call centres	Yes	Sprinklers	Different floor from fire	Yes and raised alarm	0	0	Did not contain/control	Not known	Other	Internal fittings	Plastic - raw material only	Not rapid fire growth	Lift shaft/Motor room	None	Head & Smoke Change Only	Head & Smoke Change Only	-1	3	
London Fire Brigade	2021/22	21/03/2021 18:43	CHISWICK	53000	18000	Dwelling	Residential/Hotel	Residential - single occupancy	Yes	Sprinklers	In room of origin of fire	Yes and raised alarm	1	1	Extinguished	Other	Coloured PVC sheet	Other food not oil or fat	Other food not oil or fat	Not rapid fire growth	Other	None	Head & Smoke Change Only	Head & Smoke Change Only	0	3	
London Fire Brigade	2021/22	27/03/2022 17:06	HULLINGTON	50000	17000	Non-Residential	Transport buildings	Airport - terminal	Yes	Sprinklers	On same floor as fire	No	0	0	Did not contain/control	Other	Other appliance or equipment	Internal fittings	Internal fittings	Not rapid fire growth	Other	None	Head & Smoke Change Only	Head & Smoke Change Only	1	2	
London Fire Brigade	2021/22	16/04/2022 11:04	HULLINGTON	50000	17000	Other Residential	Other Residential	Hotel/Restaurant	Yes	Sprinklers	In room of origin of fire	Yes and raised alarm	1	1	Extinguished	Other	Lighted paper or card, or other related flame	Other	Other	Not rapid fire growth	Kitchen	None	Head & Smoke Change Only	Head & Smoke Change Only	0	5	
London Fire Brigade	2021/22	31/03/2022 18:33	HULLINGTON	51000	18000	Dwelling	Purpose Built Flats/Maisonettes	Up to 5 storeys	Yes	Sprinklers	In room of origin of fire	Yes and raised alarm	1	1	Did not contain/control	Other	Coloured PVC sheet	Other food not oil or fat	Other food not oil or fat	Not rapid fire growth	Kitchen	None	Head & Smoke Change Only	Head & Smoke Change Only	0	2	
London Fire Brigade	2021/22	24/07/2021 11:02	CAUDEN	53000	18000	Dwelling	Dwelling	Self contained/Residential/Hotel	Yes	Sprinklers	In room of origin of fire	Yes and raised alarm	2	2	Contained/Controlled	Other	Coloured PVC sheet	Other	Other	Not rapid fire growth	Kitchen	None	Head & Smoke Change Only	Head & Smoke Change Only	8	5	
London Fire Brigade	2021/22	28/05/2021 11:14	TOWER HAMLETS	53000	18000	Dwelling	Purpose Built Flats/Maisonettes	Up to 5 storeys	Yes	Sprinklers	In room of origin of fire	No	0	0	Did not contain/control	Other	Other product	Other	Other	Not rapid fire growth	Kitchen	None	Head & Smoke Change Only	Head & Smoke Change Only	0	2	
London Fire Brigade	2021/22	17/06/2022 17:08	HOUNLOW	51000	17000	Non-Residential	Industrial/Processing	Recycling plant	Yes	Sprinklers	In room of origin of fire	No	0	0	Did not contain/control	Not known	Natural occurrence	Uninsulated material for recycling	Other	Not rapid fire growth	External structures	None	Head & Smoke Change Only	Head & Smoke Change Only	0	2	
London Fire Brigade	2021/22	23/06/2021 20:04	LAURET	55000	17000	Dwelling	Purpose Built Flats/Maisonettes	10 or more storeys	Yes	Sprinklers	Different floor from fire	No	0	0	Did not contain/control	Fire in area not covered by system	Other	Other	Other	Not rapid fire growth	Other	None	Head & Smoke Change Only	Head & Smoke Change Only	0	2	
London Fire Brigade	2021/22	09/07/2021 09:04	LAMETH	52000	17000	Dwelling	Purpose Built Flats/Maisonettes	4-9 storeys	Yes	Sprinklers	In room of origin of fire	No	0	0	Did not contain/control	Not known	Wiring insulation	Wiring insulation	Wiring insulation	Not rapid fire growth	Other	None	Head & Smoke Change Only	Head & Smoke Change Only	5	4	
London Fire Brigade	2021/22	23/07/2021 18:31	EALING	51000	18000	Dwelling	Purpose Built Flats/Maisonettes	10 or more storeys	Yes	Sprinklers	In room of origin of fire	Yes, but did not raise alarm	1	1	Extinguished	Not known	Coloured PVC sheet	Other	Other	Not rapid fire growth	Other	None	Head & Smoke Change Only	Head & Smoke Change Only	0	2	
London Fire Brigade	2021/22	16/07/2021 04:18	BEVELY	50000	17000	Non-Residential	Industrial/Processing	Other industrial/processing plant	Yes	Sprinklers	On same floor as fire	Yes and raised alarm	4	4	Contained/Controlled	Other	Butane generators	Other item	Plastic - raw material only	Not rapid fire growth	Corridor/Hall	Not known	Head & Smoke Change Only	Head & Smoke Change Only	2	39	
London Fire Brigade	2021/22	21/07/2021 00:10	HAMMERSMITH AND FULLHAM	52000	18000	Dwelling	Purpose Built Flats/Maisonettes	10 or more storeys	Yes	Sprinklers	On same floor as fire	No	0	0	Did not contain/control	Other	Other	Other	Other	Not rapid fire growth	Kitchen	None	Head & Smoke Change Only	Head & Smoke Change Only	6	2	
London Fire Brigade	2021/22	21/07/2021 10:58	GREENWICH	53000	17000	Dwelling	Purpose Built Flats/Maisonettes	10 or more storeys	Yes	Sprinklers	In room of origin of fire	No	0	0	Did not contain/control	Not known	Coloured PVC sheet	Other furniture	Other furniture	Not rapid fire growth	Kitchen	None	Head & Smoke Change Only	Head & Smoke Change Only	6	2	
London Fire Brigade	2021/22	21/07/2021 16:48	GREENWICH	53000	17000	Dwelling	Purpose Built Flats/Maisonettes	10 or more storeys	Yes	Sprinklers	In room of origin of fire	Yes and raised alarm	1	1	Extinguished	Other	Minor/None	Other furniture	Wiring insulation	Wiring insulation	Not rapid fire growth	Kitchen	None	Head & Smoke Change Only	Head & Smoke Change Only	8	1
London Fire Brigade	2021/22	30/07/2021 18:04	BARNET	52000	18000	Non-Residential	Retail	Shopping Centre	Yes	Sprinklers	In room of origin of fire	Yes and raised alarm	2	2	Contained/Controlled	Other	Butane generators	Wiring insulation	Wiring insulation	Not rapid fire growth	Library room	None	Head & Smoke Change Only	Head & Smoke Change Only	5	3	
London Fire Brigade	2021/22	31/07/2021 14:13	NORTHAM	53000	18000	Dwelling	Purpose Built Flats/Maisonettes	10 or more storeys	Yes	Sprinklers	On same floor as fire	No	0	0	Did not contain/control	Fire in area not covered by system	Deep fryer	Other food not oil or fat	Other food not oil or fat	Not rapid fire growth	Kitchen	None	Head & Smoke Change Only	Head & Smoke Change Only	0	1	
London Fire Brigade	2021/22	31/07/2021 18:23	CAUDEN	53000	18000	Dwelling	Purpose Built Flats/Maisonettes	Up to 5 storeys	Yes	Sprinklers	In room of origin of fire	Yes and raised alarm	1	1	Extinguished	Other	Coloured PVC sheet	Other food not oil or fat	Other food not oil or fat	Not rapid fire growth	Kitchen	None	Head & Smoke Change Only	Head & Smoke Change Only	0	1	
London Fire Brigade	2021/22	28/03/2022 14:11	LAURET	52000	17000	Other Residential	Other Residential	Boating/School accommodation	Yes	Sprinklers	In room of origin of fire	No	0	0	Did not contain/control	Fire in area not covered by system	Electrical inlet cable/Main fuse	Wiring insulation	None	Not rapid fire growth	Power house/Plant/Generator	None	Head & Smoke Change Only	Head & Smoke Change Only	-1	5	
London Fire Brigade	2021/22	29/03/2022 18:17	HULLINGTON	50000	18000	Non-Residential	Industrial/Manufacturing	Other industrial/manufacturing facility	Yes	Sprinklers	In room of origin of fire	No	0	0	Did not contain/control	System failed off	Other	Not known	Plastic - raw material only	Other	Not rapid fire growth	Other	None	Head & Smoke Change Only	Head & Smoke Change Only	0	5
London Fire Brigade	2021/22	30/03/2022 11:11	KNIGHTSBRIDGE	51000	16000	Non-Residential	Retail	Single shop	Yes	Sprinklers	In room of origin of fire	No	0	0	Did not contain/control	Other	Not known	Not known	Not known	Not rapid fire growth	Shop floor/Showroom/Display hall	None	Head & Smoke Change Only	Head & Smoke Change Only	0	2	
London Fire Brigade	2021/22	29/04/2021 14:04	HULLINGTON	50000	18000	Non-Residential	Education	Infant Primary school	Yes	Sprinklers	In room of origin of fire	No	0	0	Did not contain/control	Other	Coloured PVC sheet	Other	Other	Not rapid fire growth	Kitchen	None	Head & Smoke Change Only	Head & Smoke Change Only	0	2	
London Fire Brigade	2021/22	09/06/2021 18:31	SOUTHAM	51000	18000	Other Residential	Other Residential	Hotel/Restaurant	Yes	Sprinklers	In room of origin of fire	No	0	0	Did not contain/control	Not known	Other	Other	Other	Not rapid fire growth	Bedroom	None	Head & Smoke Change Only	Head & Smoke Change Only	10	10	
London Fire Brigade	2021/22	09/06/2021 18:31	SOUTHAM	51000	18000	Other Residential	Other Residential	Hotel/Restaurant	Yes	Sprinklers	In room of origin of fire	No	0	0	Did not contain/control	Other	Other	Other	Other	Not rapid fire growth	Bedroom	None	Head & Smoke Change Only	Head & Smoke Change Only	1	1	
London Fire Brigade	2021/22	13/06/2021 19:13	ENFIELD	53000	19000	Non-Residential	Industrial/Processing	Recycling plant	Yes	Sprinklers	In room of origin of fire	Yes and raised alarm	More than 5	5	Contained/Controlled	Other	Welding/Cutting equipment	Internal fittings	Internal fittings	Not rapid fire growth	Living room	None	Head & Smoke Change Only	Head & Smoke Change Only	0	7	
London Fire Brigade	2021/22	16/06/2021 08:28	CITY OF LONDON	53000	18000	Non-Residential	Retail	Single shop	Yes	Sprinklers	In room of origin of fire	Yes, but did not raise alarm	1	1	Contained/Controlled	Not known	Other cooking appliance	Wiring insulation	Wiring insulation	Not rapid fire growth	Bedroom	None	Head & Smoke Change Only	Head & Smoke Change Only	0	7	
London Fire Brigade	2021/22	10/07/2021 11:38	HULLINGTON	50000	18000	Other Residential	Residential - home	Nursing/Car home/Respite</																			