

I am writing to request information under the Freedom of Information Act, can you please provide the following:

- 1 How many electrical fires has the service responded to in the last three years (between April 6-April 5 2021/22, 2022/23 and 2023/24)?

Fiscal Year	Incident count
21-22	472
22-23	376
23-24	452
Total	1,300

1a) Of these, how many incidents were in domestic properties and how many commercial?
Broken down by year.

Property Type ↓ Fiscal Year →	21-22	22-23	23-24	Total
Dwelling	321	247	316	884
Non residential	91	91	75	257
Road Vehicle	56	31	51	138
Outdoor equipment and machinery	2	6	6	14
Other transport	2	1	4	7
Total	472	376	452	1,300

1b) Of these incidents, how many were caused by electrical products? What were the other causes?

Electrical products	21-22	22-23	23-24	Total
Electricity supply	146	113	117	376
Cooker incl. oven	108	73	112	293
Ring/hot plate (separate appliance)	32	34	32	98
Microwave oven	22	22	22	66
Not known	18	12	24	54
Grill/Toaster	20	15	14	49
Vehicles only - Electrical fault	18	12	18	48
Electric lighting	15	14	10	39
Tumble dryer	14	10	12	36
Washing machine	15	5	14	34
Other appliance or equipment	4	11	9	24
Deep fat fryer	3	7	9	19
Other cooking appliance	4	9	6	19
Battery / battery charger	6	1	9	16
Fridge/Freezer	6	4	3	13
Other heating equipment	3	2	6	11
Heating/Fire	4	2	3	9
Industrial equipment - Other	4	3	2	9
Extractor fan	3	2	4	9
Other domestic style appliance	1	3	4	8
Dryer	2	1	4	7
Dishwasher	4	3	0	7
Washer/Dryer combined	4	1	2	7
Central heating/Hot water	1	2	2	5
Welding/Cutting equipment	2	2	1	5
Blow lamp/Paint remover	3	1	1	5
Separate water heating	2	1	1	4
Manufacturing equipment	1	2	1	4
Spin dryer	1	0	2	3
Lift	0	1	1	2
Hair dryer	1	1	0	2
Solar Panel	0	1	1	2
Vacuum cleaner	0	0	2	2
Fault in fuse board	1	0	1	2
Food warming equipment (not cooking)	0	1	0	1
Power Source	0	1	0	1
Air Conditioning Unit	0	1	0	1
Office equipment - Other computer equipment	0	1	0	1
Pressure washer unit	0	1	0	1
Electric blanket	0	0	1	1
Gardening equipment	1	0	0	1
Iron	1	0	0	1
Other electrical visual equipment	0	1	0	1
Smoke Detector	1	0	0	1
Child's Rechargeable toy	1	0	0	1
Generator	0	0	1	1
Pyrography pen	0	0	1	1
Grand Total	472	376	452	1,300

Cause of Fire	21-22	22-23	23-24	Total
Fault in equipment or appliance	114	87	94	295
Cooking - other cooking	99	73	80	252
Faulty fuel supply - electricity	88	80	81	249
Combustible articles too close to heat source (or fire)	51	45	61	157
Overheating, unknown cause	35	29	43	107
Negligent use of equipment or appliance (heat source)	19	20	23	62
Faulty leads to equipment or appliance	20	6	18	44
Cooking - chip pan/deep fat fryer	12	12	18	42
Accumulation of flammable material	16	10	10	36
Careless handling - due to sleep or unconsciousness	7	10	16	33
Careless handling - due to knocking over	7	3	6	16
Careless handling - due to careless disposal	3	0	1	4
Other intentional burning, going out of control	1	1	0	2
Other	0	0	1	1
Total	472	376	452	1,300

1c) What were the 5 most common products to cause electrical fires for each year?

Electrical products 2021-22

Cooker incl. oven	108
Ring/hot plate (separate appliance)	32
Microwave oven	22
Grill/Toaster	20
Vehicles only - Electrical fault	18

Electrical products 2022-23

Cooker incl. oven	73
Ring/hot plate (separate appliance)	34
Microwave oven	22
Grill/Toaster	15
Electric lighting	14

Electrical products 2023-24

Cooker incl. oven	112
Ring/hot plate (separate appliance)	32
Microwave oven	22
Vehicles only - Electrical fault	18
Grill/Toaster	14

NB. Products related to cooking are most likely cooking related fires rather than fault in the product. However, electricity was identified as powering the fire and therefore included.

- 2 How many fatalities has the service recorded as a result of electrical fires in the last three years (between April 6-April 5 2021/22, 2022/23 and 2023/24)?

How many injuries (serious and slight) has the service recorded as a result of electrical fires during the same period?

		Injuries	
Fiscal Year	Fatalities	Serious	Slight
21-22	0	2	9
22-23	1	2	12
23-24	0	1	18
Total	1	5	39