

Number of lithium battery related fires between 2017 and 2023?

Data from 01 January 2017 to 31 August 2023.

For this request, where the type of battery is not known, it is assumed to be a lithium battery.

Table 1 gives a breakdown of lithium battery fires. The category, Lithium Battery relates to known lithium battery fires. The category, Battery Charger shows all records of fires caused by a battery charger where the device/appliance being charged is unknown and is not a petrol/diesel vehicle. A 12V Battery Charger is a petrol/diesel vehicle which is being charged.

**Table 1**

Year	E-Bike	E-Car	E-Cigarette	E-Scooter	Hover Board	Mobile Phone	Lithium Battery	Battery Charger	12V Battery Charger	Total
2017	0	0	0	0	1	0	0	6	2	9
2018	0	0	1	0	3	1	0	5	1	11
2019	0	0	1	0	1	0	1	1	2	6
2020	0	1	0	0	0	0	2	7	1	11
2021	1	0	1	1	1	1	2	5	1	13
2022	0	0	0	1	1	2	2	3	3	12
2023	1	3	5	2	0	2	2	5	0	20
<b>Total</b>	<b>2</b>	<b>4</b>	<b>8</b>	<b>4</b>	<b>7</b>	<b>6</b>	<b>9</b>	<b>32</b>	<b>10</b>	<b>82</b>

A breakdown of fatalities and injuries caused by these incidents is given in Table 2.

**Table 2**

<b>Year</b>	<b>Incidents</b>	<b>Fatalities</b>	<b>Casualties</b>	<b>Rescues</b>
<b>2017</b>	<b>9</b>	<b>0</b>	<b>2</b>	<b>0</b>
E-Bike	0	0	0	0
E-Car	0	0	0	0
E-Cigarette	0	0	0	0
E-Scooter	0	0	0	0
Hover Board	1	0	0	0
Mobile Phone	0	0	0	0
Lithium Battery	0	0	0	0
Battery Charger	6	0	1	0
12V Battery Charger	2	0	1	0
<b>2018</b>	<b>11</b>	<b>0</b>	<b>10</b>	<b>0</b>
E-Bike	0	0	0	0
E-Car	0	0	0	0
E-Cigarette	1	0	5	0
E-Scooter	0	0	0	0
Hover Board	3	0	2	0
Mobile Phone	1	0	0	0
Lithium Battery	0	0	0	0
Battery Charger	5	0	3	0
12V Battery Charger	1	0	0	0
<b>2019</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>
E-Bike	0	0	0	0
E-Car	0	0	0	0
E-Cigarette	1	0	0	0
E-Scooter	0	0	0	0
Hover Board	1	0	0	0
Mobile Phone	0	0	0	0
Lithium Battery	1	0	0	0
Battery Charger	1	0	0	0
12V Battery Charger	2	0	0	0
<b>2020</b>	<b>11</b>	<b>0</b>	<b>6</b>	<b>1</b>
E-Bike	0	0	0	0
E-Car	1	0	0	0
E-Cigarette	0	0	0	0
E-Scooter	0	0	0	0
Hover Board	0	0	0	0
Mobile Phone	0	0	0	0
Lithium Battery	2	0	0	0
Battery Charger	7	0	6	1
12V Battery Charger	1	0	0	0

<b>2021</b>	<b>13</b>	<b>0</b>	<b>6</b>	<b>0</b>
E-Bike	1	0	0	0
E-Car	0	0	0	0
E-Cigarette	1	0	0	0
E-Scooter	1	0	0	0
Hover Board	1	0	4	0
Mobile Phone	1	0	0	0
Lithium Battery	2	0	0	0
Battery Charger	5	0	2	0
12V Battery Charger	1	0	0	0
<b>2022</b>	<b>12</b>	<b>0</b>	<b>5</b>	<b>0</b>
E-Bike	0	0	0	0
E-Car	0	0	0	0
E-Cigarette	0	0	0	0
E-Scooter	1	0	0	0
Hover Board	1	0	0	0
Mobile Phone	2	0	0	0
Lithium Battery	2	0	1	0
Battery Charger	3	0	2	0
12V Battery Charger	3	0	2	0
<b>2023</b>	<b>20</b>	<b>0</b>	<b>8</b>	<b>0</b>
E-Bike	1	0	5	0
E-Car	3	0	0	0
E-Cigarette	5	0	1	0
E-Scooter	2	0	0	0
Hover Board	0	0	0	0
Mobile Phone	2	0	0	0
Lithium Battery	2	0	0	0
Battery Charger	5	0	2	0
12V Battery Charger	0	0	0	0
<b>Total</b>	<b>82</b>	<b>0</b>	<b>37</b>	<b>1</b>

*Additional incidents may have occurred however limited detail within the recorded data would render these incidents unable to be extracted.*