



**MAURITIUS FIRE AND RESCUE SERVICE**



# **Statistical Report 2019**

*June 2020*

*Volume - 7*

# MAURITIUS FIRE AND RESCUE SERVICE

## STATISTICAL REPORT – 2019

### FOREWORD



*This is the seventh issue of a yearly publication on fire and rescue service statistics prepared by Mauritius Fire and Rescue Service.*

*Data published in this report relate to the Island of Mauritius, unless otherwise specified, and cover latest available information on fire incidents, fire false alarms, non-fire incidents, fire certificates as well as fire and other emergency safety awareness campaigns.*

*The statistics are based on operational and administrative data collected by the Main Control Room and the Fire Safety Division of Mauritius Fire and Rescue Service. The preparation of this report has necessitated the collaboration of the staff of Statistics Mauritius. Its co-operation and assistance are herewith gratefully acknowledged.*

*It is hoped that the data assembled in this report will be of valuable help to the public in general, particularly to Fire and Rescue planners, National Disaster Risk Reduction and Management Centre as well as policy makers.*

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Chief Fire Officer*

**Mauritius Fire and Rescue Service  
Ministry of Local Government, Disaster and Risk Management  
Port Louis  
MAURITIUS**

**June 2020**

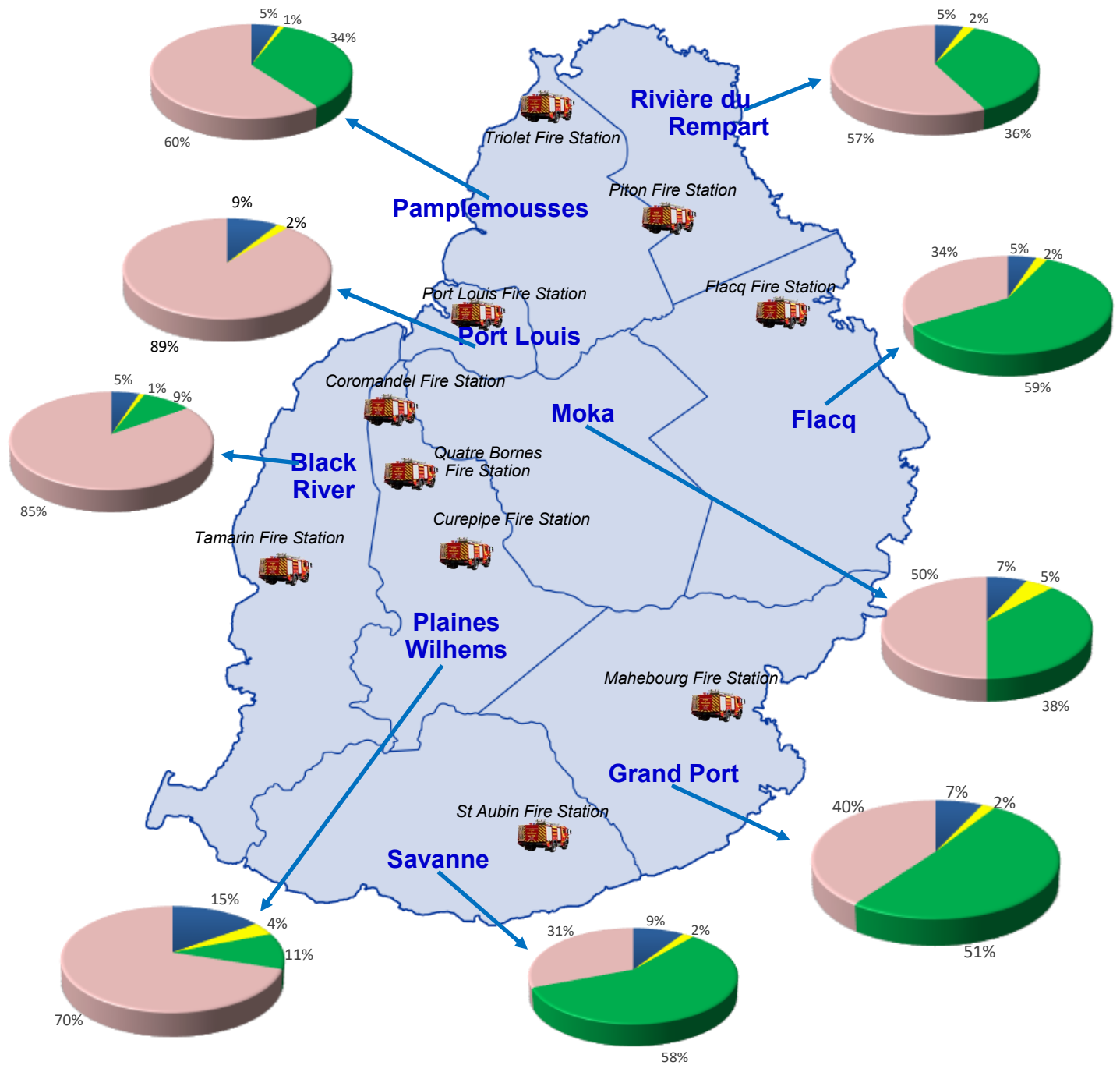
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# MAJOR OCCURENCES OF FIRE INCIDENT BY DISTRICT - 2019



## **FIRE AND RESCUE STATISTICS – 2019**

### **1. Introduction**

The Fire and Rescue Statistical Report presents data on fire incidents, fire false alarms, non-fire incidents, fire certificates as well as fire and other emergency awareness campaigns compiled from administrative data collected by the Main Control Room and the Fire Safety Division of Mauritius Fire and Rescue Service (MFRS).

Data refer to the Island of Mauritius, unless otherwise specified. The Main Control Room receives all incoming emergency calls in the country, dispatches fire crew to incident locations and monitors management of operations on incident grounds.

The fire station boundaries are different from that of district boundaries. Any turn out of fire incidents, fire false alarms and non-fire incidents cover areas beyond the station and district boundaries.

It is hoped that the data and information in this report will be useful to the public in general and in particular to policy makers, planners and researchers.

The report is available on Mauritius Fire and Rescue Service website at the following link:  
<http://mfrs.govmu.org/English/Statistics/Pages/default.aspx>.

## 2. Highlights

- Mauritius Fire and Rescue Service (MFRS) attended 12,359 incidents in Mauritius during 2019, around 2% lower than the previous year (12,634). There were 7,472 fire incidents, 188 fire false alarms and 4,699 non-fire incidents.
- The average time taken by the fire crew to reach the incident location was 8 minutes in 2019, same as 2018.
- The number of fire outbreaks increased by 12%, from 6,664 in 2018 to 7,472 in 2019. The rise was driven by an increase in ‘outside fire incidents’, mainly rubbish fire.
- There was a 19% decrease in the number of non-fire incidents attended by MFRS, from 5,777 in 2018 to 4,699 in 2019. Of the 4,699 non-fire incidents, 1,378 (29%) were road and access clearances.
- 188 fire false alarms were reported during 2019, of which 92 were due to bad intent.
- There were 22 fatalities and 270 non-fatal casualties reported by MFRS in 2019.
- In 2019, 5,034 applications were received for fire certificate. The number of fire certificates issued during the year 2019 was 2,383.
- Mauritius Fire and Rescue Service undertook 691 public awareness campaigns in Mauritius during 2019. This included 6 awareness campaigns conducted during the Fire Safety and Emergency Preparedness Week in December 2019.

### 3. Average time taken to reach incident spot

One of the service performance indicators of Mauritius Fire and Rescue Service is the time taken to reach an incident location, more particularly in cases of structural fires where human life may be at stake. The set target time is 12 minutes. This indicator enables one to gauge the efficiency and the effectiveness of MFRS to promptly respond to an emergency situation.

From data obtained with regard to structural fires for the year 2019, the fire crew took approximately 8 minutes on average to reach the fire location, same as 2018.

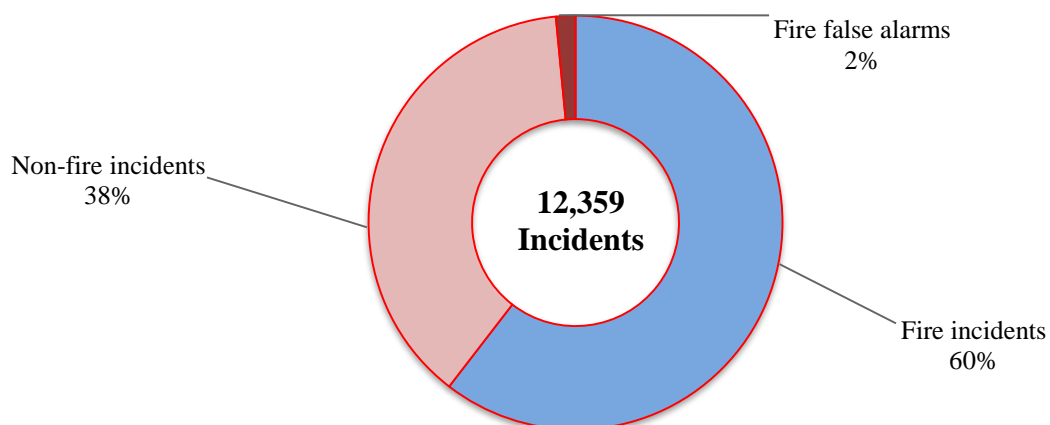
The average time taken by each fire station varies according to the coverage area and the ease of accessibility. In 2019, the average time taken to reach a fire incident spot was around 6 minutes in predominantly urban areas, compared to 9 minutes in rural areas. Port Louis Fire Station took on average 5 minutes to reach the incident location and for Coromandel Fire Station, it was 8 minutes. Flacq, Saint Aubin and Tamarin Fire Stations, located in rural areas, took around 10 minutes to reach the area of fire, that is, two minutes above the average time.

As regards dwelling fire in Mauritius, the average time taken was 8 minutes while in England it was 7 minutes 47 seconds. The fire crew took 7 minutes to reach the incident spot of non-residential building fires while for outside fires, MFRS responded within 10 minutes.

### 4. All incidents attended

In 2019, Mauritius Fire and Rescue Service attended to 12,359 incidents, with 7,472 turn outs for fire incidents, 188 fire false alarms and 4,699 non-fire incidents. Fire incidents accounted for around 60% of the fire and rescue services, fire false alarms 2%, and non-fire incidents 38%.

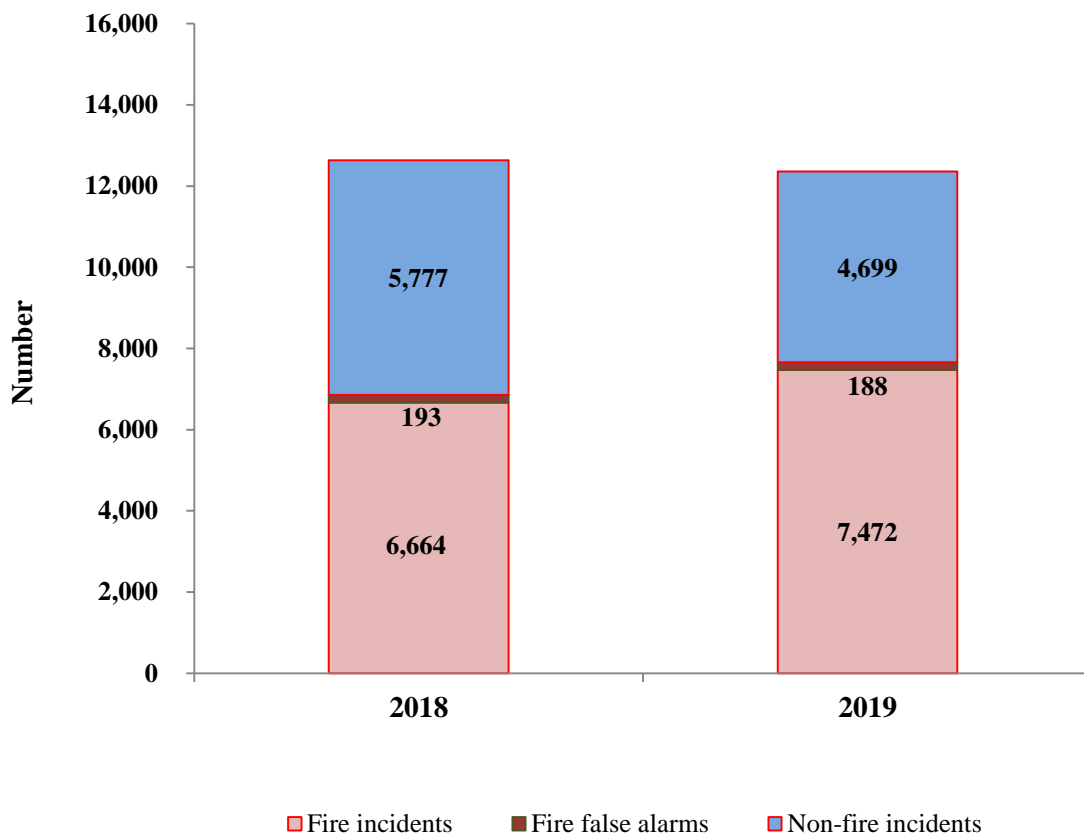
**Figure I - Incidents attended by Fire and Rescue Service, Island of Mauritius, 2019**





From 2018 to 2019, the total number of incidents attended by Mauritius Fire and Rescue Service decreased by around 2%, from 12,634 to 12,359. This drop was due to a fall of around 19% in non-fire incidents (from 5,777 to 4,699) partly offset by an increase of 12% in fire incidents (from 6,664 to 7,472).

**Figure II - Total number of incidents attended by Fire and Rescue Service, Island of Mauritius, 2018 and 2019**

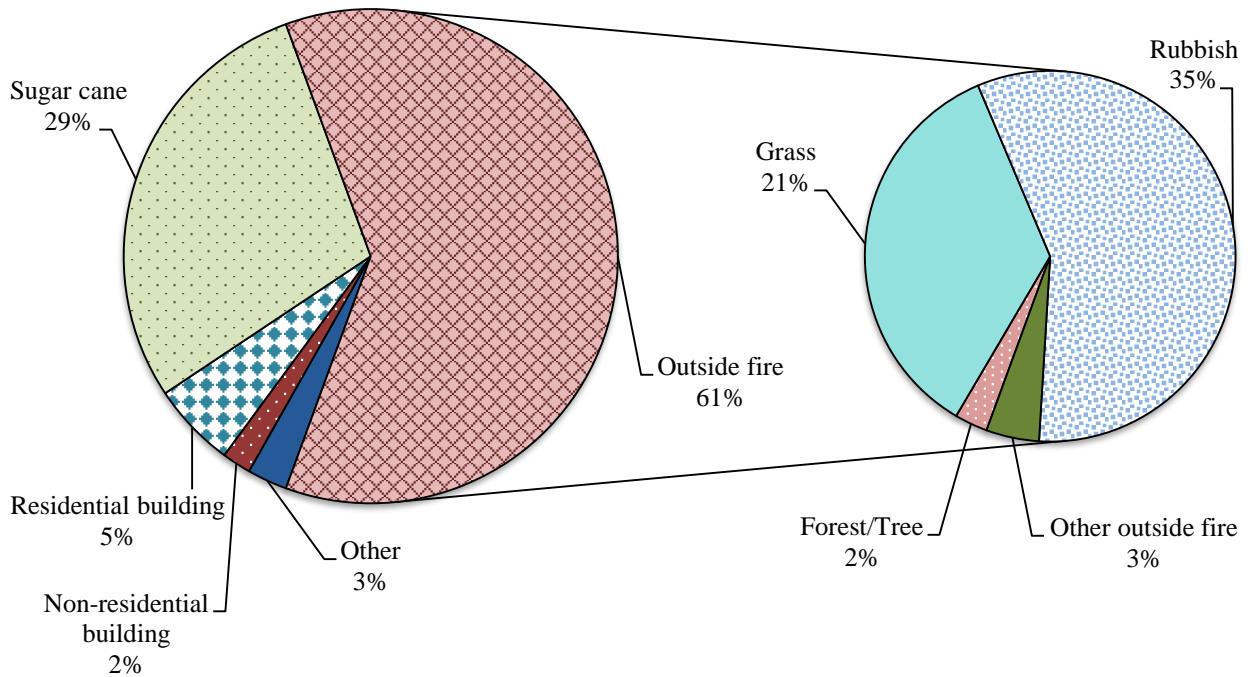


### 5. Fire outbreak by type of fire incidents

In 2019, out of the 7,472 fire incidents attended, MFRS responded to 4,570 outside fires, comprising mainly of rubbish fires (35%) and grass fires (21%).

Sugar cane fires accounted for 29% of all fire incidents while building fires was 7%.

**Figure III - Distribution (%) of fire incidents by type, Island of Mauritius, 2019**



From 2018 to 2019, total fire incidents increased by 12% from 6,664 to 7,472.

There was a 16% increase in the number of outside fires attended by MFRS from 3,941 to 4,570. Rubbish fires rose by 21% from 2,162 to 2,620 and grass fires by approximately 8% from 1,487 to 1,607.

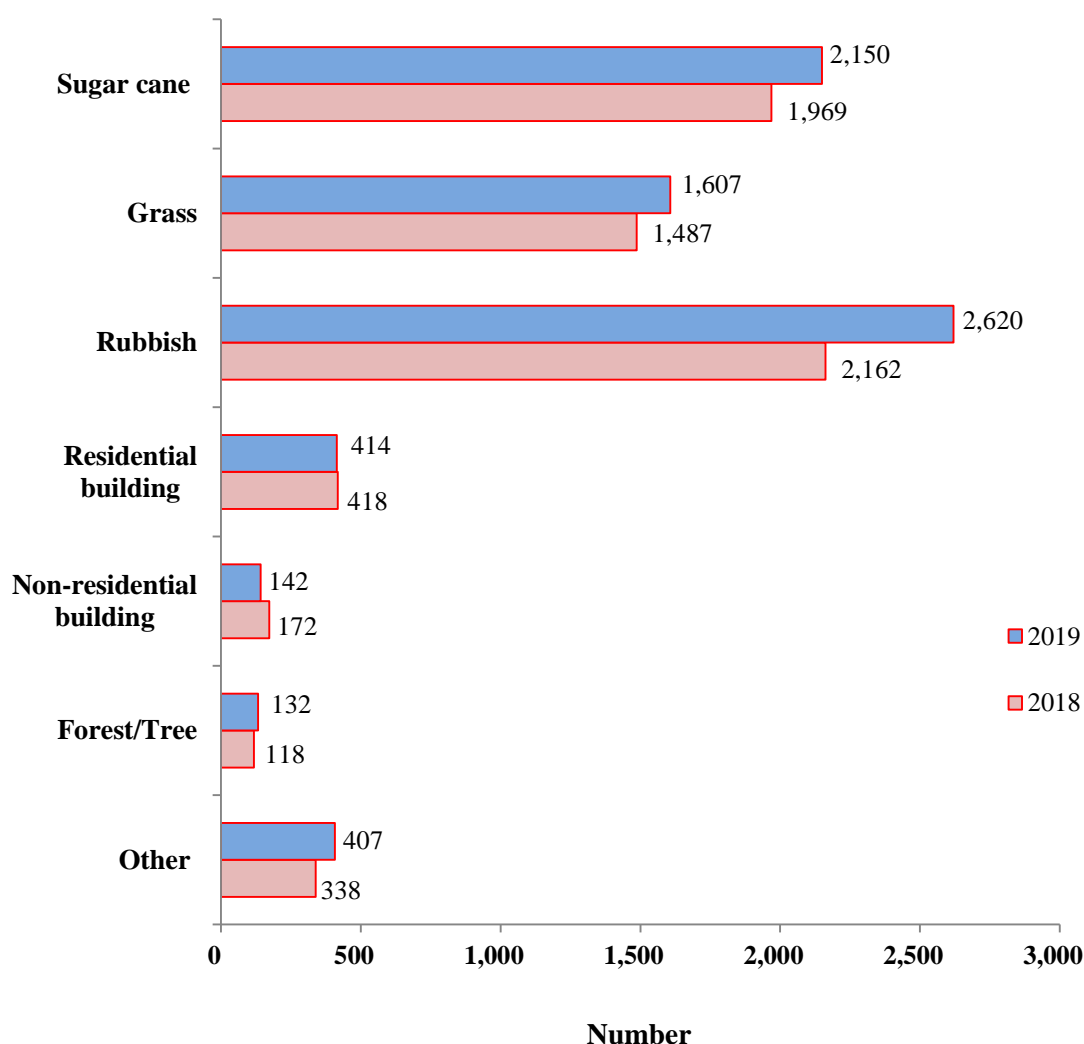
With an increase of 9% in the sugar cane cultivation fires from 1,969 to 2,150, an extent of damage of around 12,150 acres of sugar cane field was estimated in Mauritius as compared to 9,573 in 2018.

The number of residential building fires fell by around 1% from 418 to 414. Similarly, non-residential building fires dropped by 17% from 172 to 142.

Bedroom fires, comprising around 31% of residential building fires, was the most common type of residential fire of 2019, followed by occupied houses (15%), kitchens (10%) and living rooms (8%). Semi-residential building and buildings under construction were the least frequent sources of residential fires.

In 2019, non-residential building fires mostly arose from public buildings (12%) and retail shops (9%). Bakeries, supermarkets and warehouses were the least affected by fires, each comprising around 1% of non-residential fires.

**Figure IV - Number of fire incidents attended by type - Island of Mauritius, 2018 and 2019**



In 2019, the district of Flacq was the most affected by sugar cane fires followed by Pamplemousses, same as 2018.

Moreover, Coromandel Fire Station attended around 17% of the total fire incidents in the country followed by Port Louis Fire Station (15%).

## 6. Fire False Alarms

Fire false alarms attended are categorised as:

- (i) where there was good intent but no fire;
- (ii) where apparatus such as fire alarms caused an attendance to a false alarm; and
- (iii) malicious calls.

In 2019, Mauritius Fire and Rescue Service attended 188 fire false alarms across the island. Among these, malicious fire false alarms, that is, calls made with the intention of getting the fire and rescue crew to attend a non-existent fire event, was the most common type attended. It constituted around 92 (49%) of all the fire false alarms attended. Fire false alarms 'due to good intent' accounted for 96 incidents out of which 12 were 'due to apparatus' whereby a fire alarm operated erroneously.

From 2018 to 2019, the total number of fire false alarms attended fell by around 3%, from 193 to 188.

## 7. Non-fire Incidents

Officers of Mauritius Fire and Rescue Service attend many types of incidents that are not fires or fire false alarms, for example flooding incident, responding to road traffic collision or road and access clearance, human or animal rescue, assistance to carry patient and flushing of premises among others.

In 2019, non-fire incidents made up 4,699 of all incidents attended by MFRS. These included 1,378 turn outs for road and access clearance, 760 for pumping of accumulation of water due to flooding and 720 for assistance to carry patient.

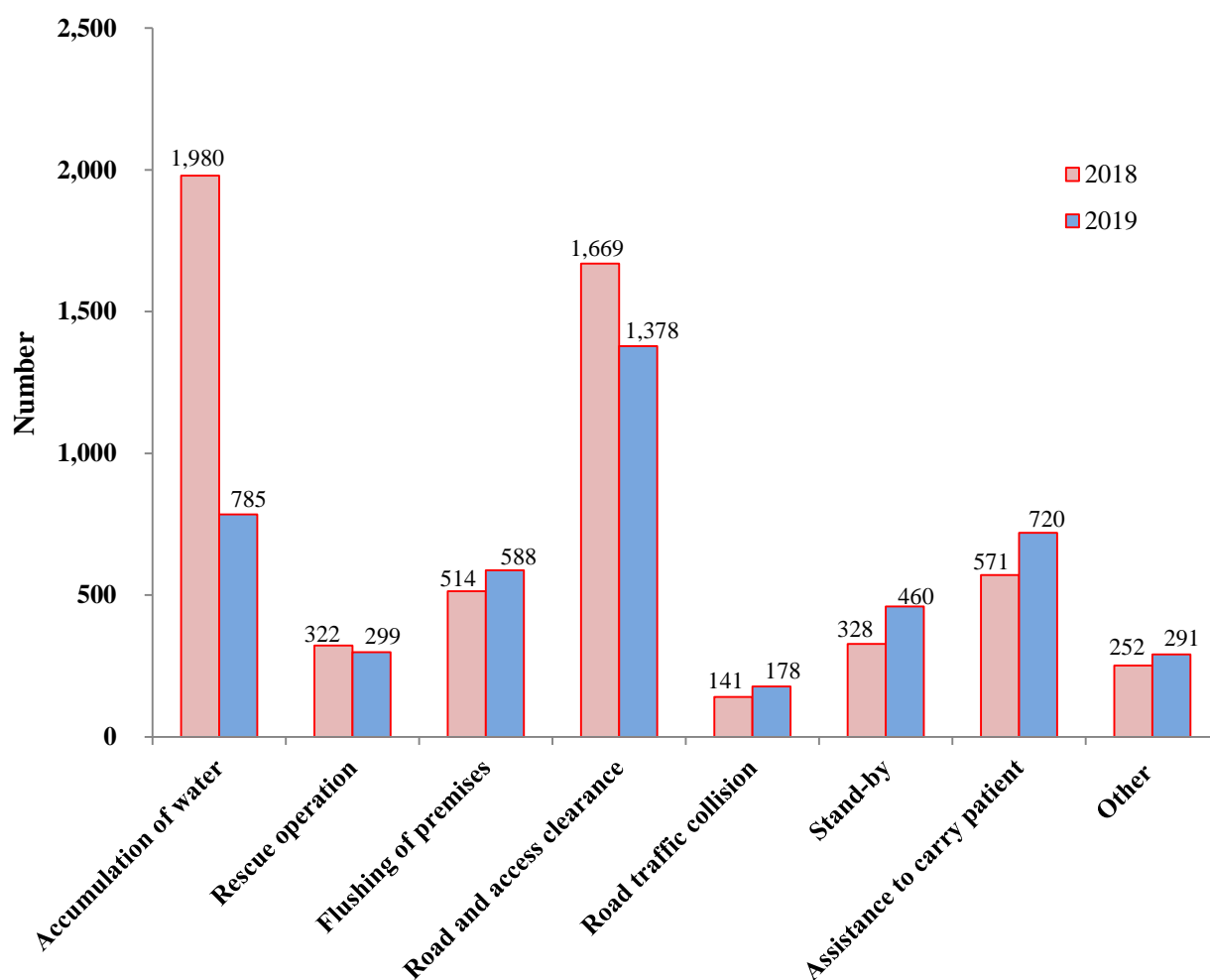
There were 588 turn outs made in respect of flushing of premises. The majority (70%) of flushing operations were effected at religious places. The number of 'emergency fire coverage and stand-by' due to religious gatherings, official functions, conferences and fireworks were 460.

From 2018 to 2019, the number of non-fire incidents attended dropped by 19%, from 5,777 to 4,699. The decrease in non-fire incidents was mostly accounted for by a fall in the number of accumulation of water cases attended, from 1980 to 785. The number of flooding in the month of April 2019 reached its peak with 192 incidents attended.

The number of interventions effected due to flooding fell, from 1,920 in 2018 to 760 in 2019. Accumulation of water due to flooding occurred mostly in yards (33%) and houses (31%).

The main cause of road and access clearance operations was due to fallen trees and branches (677).

**Figure V - Number of non-fire incidents attended by type, Island of Mauritius, 2018 and 2019**



## 8. Fatalities and Casualties

During 2019, there were 22 fire and non-fire-related fatalities reported by MFRS; 19 men and 3 women. Of these fatalities, there were 10 non-fire-related deaths which occurred in road accidents and 5 fire-related deaths in car fires.

The number of non-fatal casualties reported by MFRS was 270, of whom 177 were males and 93 females. There were 7 non-fatal casualties occurring in dwelling fires, while 126 were from road traffic collisions.

There was a 12% decrease in the number of fire and non-fire-related fatalities from 25 to 22 and non-fatal casualties went up by 8% from 250 to 270.

## **9. Fire Certificate**

Along with attending emergencies, another core duty of the MFRS is to carry out fire safety inspections and ensure that the premises satisfy the fire safety norms.

Previously, Fire Certificate was issued under the Occupational Safety and Health Act 2005. However, the recent revised in law, (Fire Safety Plan and Fire Certificate) Regulation 2018, mandates owners of all residential premises exceeding seven storeys, commercial and industrial premises, premises where explosives and highly inflammable liquid are used or stored as well as any premises where public has access to comply with fire safety norms, which is certified by a Fire Certificate.

Moreover, prior to year 2018, Fire Certificate had a perpetual lifetime. Conversely, with the coming of the Finance (miscellaneous provisions) Act 2018, all Fire Certificate as from 13 October 2018 had a validity period of one year only, which has caused all Fire Certificate issued prior 12 October 2019 to become invalid.

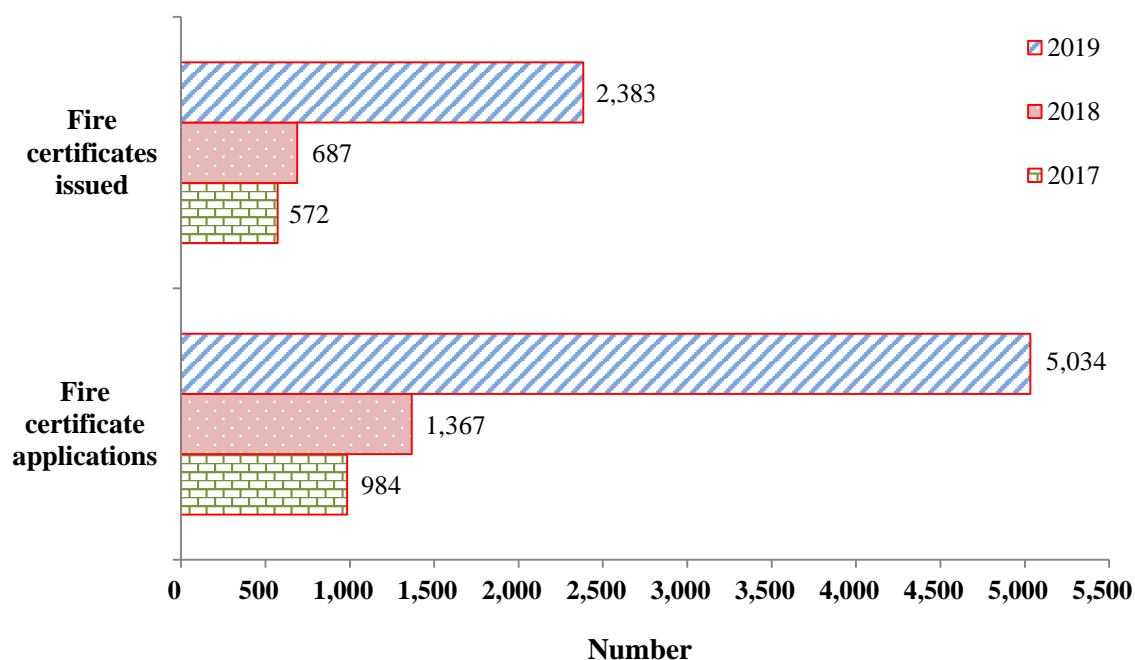
Thereafter, as per Business Facilitation (miscellaneous provisions) Act 2019, applicants have 60 days before the lapse date to undergo whole process for a renewal of fire certificate. The validity period varies from one to three years depending on the fire risk assessment of the premises to which they relate.

### **9.1. Fire Certificate applications received and issued**

In 2019, the Fire Safety Division (FSD) received some 5,034 applications for fire certification in respect of employees' lodging accommodation, commercial buildings, offices, restaurants, and fire hazardous premises, among others, throughout the Island of Mauritius. The request for fire certificates came mostly from the districts of Plaine Wilhems followed by Pamplemousses and Port Louis. After inspections made by officers of FSD, some 2,383 fire certificates were issued upon receipt of an appropriate fee.

There was approximately a fourfold increase in the applications of fire certificate, from 1,367 to 5,034. This was mainly due to the promulgation of the (Fire Safety Plan and Fire Certificate) Regulation 2018 regarding fire certificate. An increase of 1,696 in the number of certificates issued was noted in 2019, up from 687 in 2018.

**Figure VI - Number of fire certificate applications received and fire certificates issued - Island of Mauritius, 2017 - 2019**



## 10. Public awareness campaigns

In the context of the Fire Safety Education and Community Risk Reduction initiative, Mauritius Fire and Rescue Service undertake a broad range of campaigns throughout the year. These campaigns aim to promote a Fire Safety and Emergency Preparedness culture to the citizens of Mauritius. They provide a proactive approach to reduce the probability of fires occurring and helping to limit the loss of life and property destruction by fires and natural calamities. They aim to sensitise the public about proper safety procedures to be adopted. These initiatives include joint projects with other ministries, media coverage, and lectures in educational institutions, amongst others.

In 2019, Mauritius Fire and Rescue Service undertook 691 awareness campaigns in Island of Mauritius. May was the month with the largest number (114) of campaigns undertaken by MFRS. These campaigns were conducted with respect to fire and other emergency safety measures through talks, lectures, demonstrations and broadcasts to the population. In addition, 55 schools, with more than 2,100 students and staff, throughout the island visited their local fire stations, for educative purposes.

Fire Safety and Emergency Preparedness Week 2019 were carried out in December. Cooking Safety Campaign was also conducted during Maha Shivratri Festival and Bilateral Fire Safety Sensitization Campaign at Rajiv Gandhi Science Centre. The aims of these campaigns were to inform and educate the public about reduction of the risk of fires and other emergencies during the festive period, to ensure people at home are free from potential risks of fire and to assist them in preparing an escape plan.

The total number of public awareness campaigns conducted in Island of Mauritius increased by 3% from 668 in 2018 to 691 in 2019.

## 11. Operational staff

The Fire Department is headed by the Chief Fire Officer and three Deputy Chief Fire Officers. For the year ending 2019, the total number of persons employed by Mauritius Fire and Rescue Service was approximately 1,186. The administrative and non-administrative staff consisted of around 66 persons while there were some 15 skilled and non-skilled workers. The technical fire cadre constituted of around 1,105 officers, the majority (925) being firefighters. In Mauritius, firefighters are predominantly male (98%).

## 12. Incidents attended in Rodrigues

In 2019, the total number of incidents attended by Rodrigues Fire and Rescue Service (RFRS) in the island was 383. Of these incidents, 133 (35%) turn outs were effected for fire incidents, 244 (64%) for non-fire incidents and 6 for fire false alarms.

Compared to 2018, fire incidents attended in Rodrigues increased by around 27% from 105 to 133 and non-fire incidents decreased by 4% from 255 to 244. The increase in fire incidents was mostly accounted by a rise in grass fires attended, from 41 to 57.

In 2019, Rodrigues Fire and Rescue Service attended 133 fire incidents; of which 87 were outside fires and 37 residential building fires. There were 244 non-fire incidents, of which 93 were road and access clearances, 50 flooding cases and 29 assistance to carry patient.

The number of fire certificate applications received in 2019 was 20 and 29 fire certificates were issued.

The Rodrigues Fire and Rescue Service employs 52 persons, 40 of whom are firefighters.

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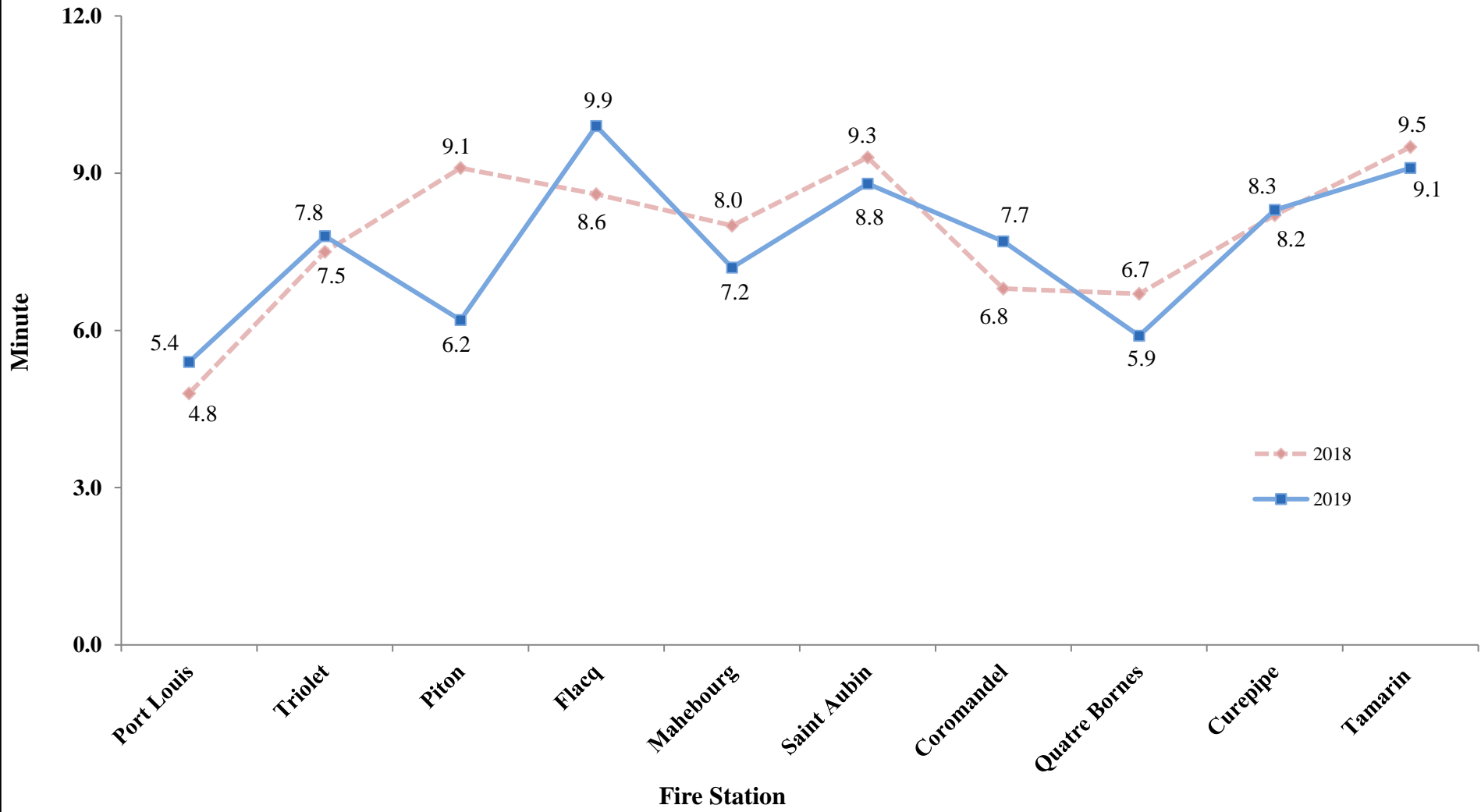


**Table 1.1 - Monthly average time taken to reach structural fire location by station - Island of Mauritius, 2018 and 2019**

Year	Fire Station	Average time taken - Minutes												
		January - December	Month											
			January	February	March	April	May	June	July	August	September	October	November	December
2018	Port Louis	5	4	6	4	5	4	3	4	6	6	6	5	4
	Triplet	8	9	6	6	7	5	12	5	8	10	8	8	8
	Piton	9	10	8	Napp	9	13	8	9	10	9	11	7	8
	Flacq	9	11	9	7	10	10	7	6	11	3	13	8	10
	Mahebourg	8	4	Napp	5	9	5	11	10	5	10	10	8	14
	Saint Aubin	10	14	14	10	4	6	12	10	16	11	14	4	Napp
	Coromandel	7	6	8	7	10	6	6	6	4	5	8	6	6
	Quatre Bornes	7	7	6	10	4	7	8	9	6	5	5	9	6
	Curepipe	8	6	9	8	9	6	7	10	8	6	7	7	8
	Tamarin	10	9	3	15	Napp	8	8	19	15	10	9	14	12
	<b>Overall Average</b>	<b>8</b>												
2019	Port Louis	5	5	5	6	6	6	7	6	6	6	3	5	4
	Triplet	8	5	7	10	6	12	9	6	6	10	9	6	7
	Piton	6	7	8	9	3	9	7	4	6	6	7	Napp	8
	Flacq	10	10	8	12	8	8	11	15	11	6	12	9	8
	Mahebourg	7	4	3	5	6	11	9	7	8	7	8	8	10
	Saint Aubin	9	11	9	6	9	9	12	3	8	8	9	9	12
	Coromandel	8	6	10	8	6	10	9	10	6	6	9	5	7
	Quatre Bornes	6	8	6	6	5	2	7	7	6	7	5	7	5
	Curepipe	8	8	7	8	7	9	6	11	7	7	8	10	11
	Tamarin	9	4	11	10	11	10	10	14	11	5	6	6	11
	<b>Overall Average</b>	<b>8</b>												

Napp - Not Applicable

Figure 1 - Average time taken to reach structural fire location by station, Island of Mauritius, 2018 and 2019



**Table 2.1 - Number of incidents attended by station - Island of Mauritius, 2013 - 2019**

<b>Fire Station</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Port Louis	1,894	1,813	1,554	2,033	1,755	2,088	1,904
Triolet	1,181	1,243	1,003	1,254	1,077	1,212	1,203
Piton	1,177	1,133	944	1,160	1,223	1,260	1,290
Flacq	1,032	1,129	961	1,196	1,246	1,302	1,244
Mahebourg	669	699	774	803	777	882	864
Saint Aubin	617	600	585	647	619	654	633
Coromandel	1,656	1,840	1,515	1,795	1,596	2,015	1,852
Quatre Bornes	1,360	1,025	1,022	1,089	1,031	1,197	1,213
Curepipe	1,059	1,105	984	1,123	1,222	1,502	1,623
Tamarin <sup>1</sup>	48	541	505	472	395	522	533
<b>Total</b>	<b>10,693</b>	<b>11,128</b>	<b>9,847</b>	<b>11,572</b>	<b>10,941</b>	<b>12,634</b>	<b>12,359</b>

<sup>1</sup> Fire station was operational as from November 2013.

**Table 2.2 - Number of incidents attended by district - Island of Mauritius, 2013 - 2019**

<b>District</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Port Louis	1,684	1,318	1,227	1,583	1,405	1,656	1,710
Pamplemousses	2,171	1,998	1,529	2,137	1,793	2,048	2,051
Rivière du Rempart	912	1,199	959	1,125	1,089	1,136	1,214
Flacq	1,052	1,231	1,010	1,220	1,317	1,346	1,284
Grand Port	767	902	955	1,083	970	1,130	1,103
Savanne	714	621	587	614	660	626	635
Plaine Wilhems	2,050	1,884	1,724	2,040	1,899	2,645	2,438
Moka	384	511	493	576	586	684	617
Black River	959	1,464	1,363	1,194	1,222	1,363	1,307
<b>Total</b>	<b>10,693</b>	<b>11,128</b>	<b>9,847</b>	<b>11,572</b>	<b>10,941</b>	<b>12,634</b>	<b>12,359</b>

**Table 2.3 - Number of incidents attended by month - Island of Mauritius, 2013 - 2019**

<b>Month</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
January	606	490	914	695	834	2,025	817
February	768	477	585	805	872	767	672
March	536	597	918	527	535	711	772
April	487	582	511	723	491	824	787
May	670	597	551	892	814	677	728
June	875	1,227	579	785	669	774	894
July	1,194	1,199	754	921	761	963	1,042
August	1,108	1,236	899	999	840	1,473	1,120
September	1,430	1,261	1,413	1,306	1,268	1,192	1,263
October	1,514	1,561	1,107	1,606	1,488	1,432	1,408
November	875	1,047	838	1,347	1,066	1,012	1,440
December	630	854	778	966	1,303	784	1,416
<b>Total</b>	<b>10,693</b>	<b>11,128</b>	<b>9,847</b>	<b>11,572</b>	<b>10,941</b>	<b>12,634</b>	<b>12,359</b>

**Table 2.4 - Number of incidents attended by station and type - Island of Mauritius, 2018 and 2019**

Fire Station	2018				2019			
	Total	Fire incidents	Fire false alarms	Non-fire incidents	Total	Fire incidents	Fire false alarms	Non-fire incidents
Port Louis	<b>2,088</b>	1,094	33	961	<b>1,904</b>	1,136	40	728
Triplet	<b>1,212</b>	721	23	468	<b>1,203</b>	845	12	346
Piton	<b>1,260</b>	729	19	512	<b>1,290</b>	872	12	406
Flacq	<b>1,302</b>	780	17	505	<b>1,244</b>	831	19	394
Mahebourg	<b>882</b>	527	14	341	<b>864</b>	566	12	286
Saint Aubin	<b>654</b>	344	9	301	<b>633</b>	307	10	316
Coromandel	<b>2,015</b>	984	25	1,006	<b>1,852</b>	1,233	35	584
Quatre Bornes	<b>1,197</b>	628	19	550	<b>1,213</b>	699	12	502
Curepipe	<b>1,502</b>	618	25	859	<b>1,623</b>	679	30	914
Tamarin	<b>522</b>	239	9	274	<b>533</b>	304	6	223
<b>Total</b>	<b>12,634</b>	<b>6,664</b>	<b>193</b>	<b>5,777</b>	<b>12,359</b>	<b>7,472</b>	<b>188</b>	<b>4,699</b>

**Table 2.5 - Number of incidents attended by district and type - Island of Mauritius, 2018 and 2019**

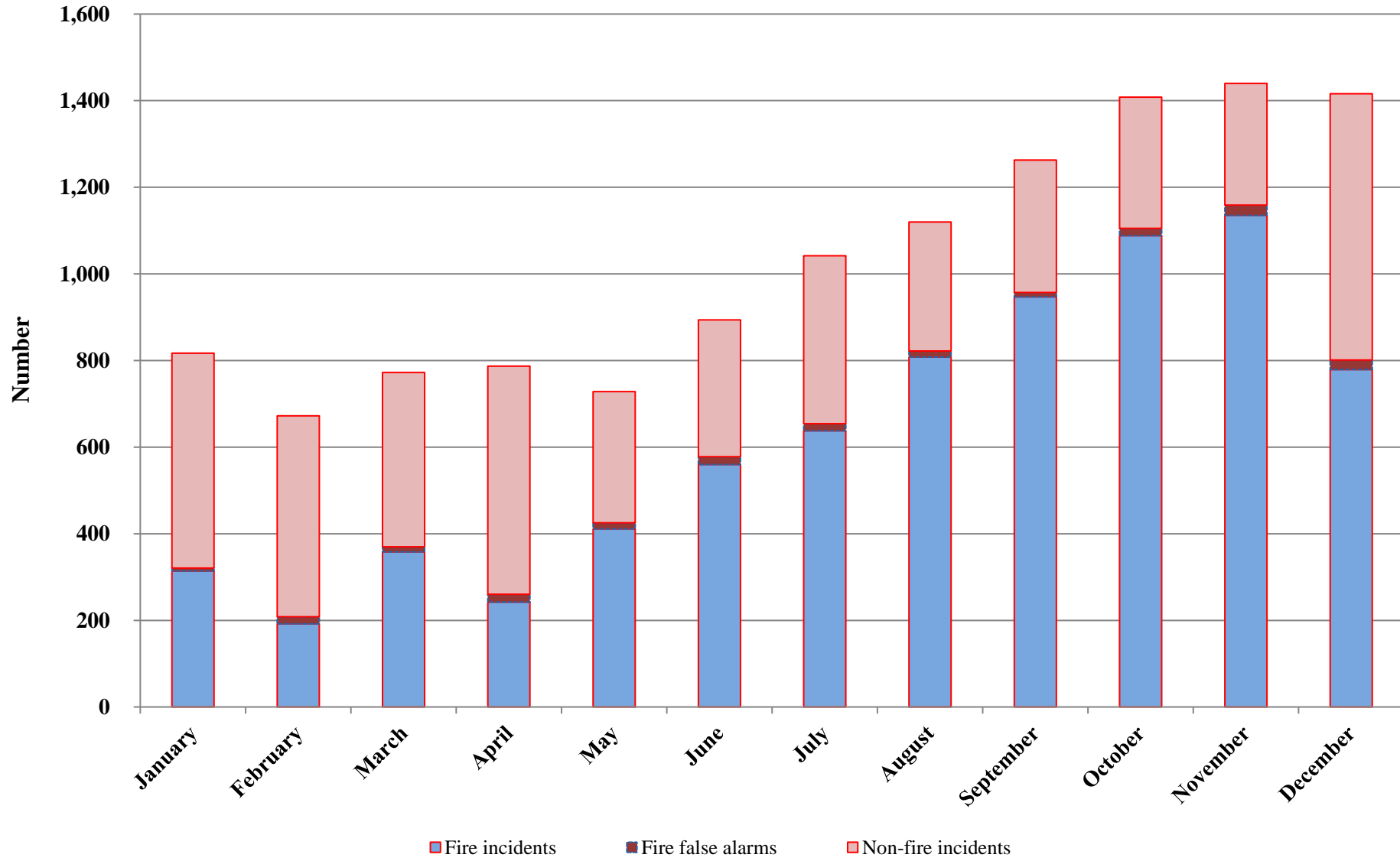
District	2018				2019			
	Total	Fire incidents	Fire false alarms	Non-fire incidents	Total	Fire incidents	Fire false alarms	Non-fire incidents
Port Louis	1,656	835	27	794	1,710	1,019	36	655
Pamplemousses	2,048	1,189	37	822	2,051	1,451	25	575
Rivière du Rempart	1,136	682	12	442	1,214	773	8	433
Flacq	1,346	825	21	500	1,284	886	20	378
Grand Port	1,130	663	19	448	1,103	694	20	389
Savanne	626	331	7	288	635	286	11	338
Plaine Wilhems	2,645	1,055	37	1,553	2,438	1,038	36	1,364
Moka	684	299	10	375	617	392	8	217
Black River	1,363	785	23	555	1,307	933	24	350
<b>Total</b>	<b>12,634</b>	<b>6,664</b>	<b>193</b>	<b>5,777</b>	<b>12,359</b>	<b>7,472</b>	<b>188</b>	<b>4,699</b>

**Table 2.6 - Number of incidents attended by month and type - Island of Mauritius, 2018 and 2019**

Month	2018				2019			
	Total	Fire incidents	Fire false alarms	Non-fire incidents	Total	Fire incidents	Fire false alarms	Non-fire incidents
January	2,025	206	15	1,804	817	314	7	496
February	767	149	12	606	672	192	16	464
March	711	165	20	526	772	358	12	402
April	824	224	11	589	787	242	18	527
May	677	397	12	268	728	411	14	303
June	774	498	19	257	894	560	18	316
July	963	670	11	282	1,042	638	16	388
August	1,473	1,195	20	258	1,120	808	14	298
September	1,192	906	21	265	1,263	947	10	306
October	1,432	1,172	15	245	1,408	1,088	17	303
November	1,012	696	21	295	1,440	1,135	24	281
December	784	386	16	382	1,416	779	22	615
<b>Total</b>	<b>12,634</b>	<b>6,664</b>	<b>193</b>	<b>5,777</b>	<b>12,359</b>	<b>7,472</b>	<b>188</b>	<b>4,699</b>



Figure 2 - Number of incidents attended by month and type - Island of Mauritius, 2019



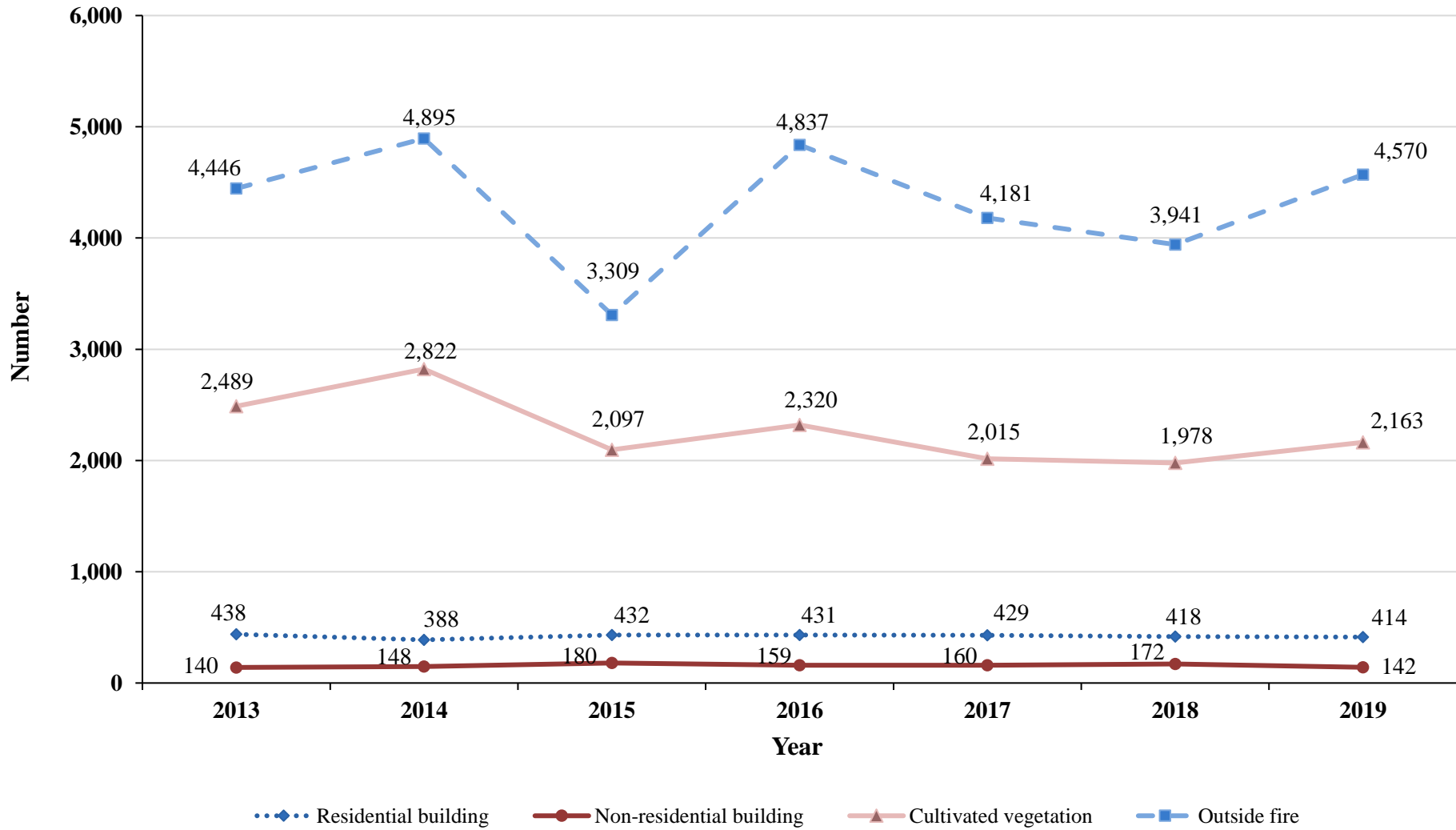
**Table 3.1 - Number of fire incidents attended by type - Island of Mauritius, 2013 - 2019**

<b>Fire incident</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Residential building	438	388	432	431	429	418	414
Non-residential building	140	148	180	159	160	172	142
Vehicle	101	116	125	138	143	140	159
Hazardous material	NA	NA	NA	26	12	15	24
Cultivated vegetation	2,489	2,822	2,097	2,320	2,015	1,978	2,163
<i>Sugar cane</i>	2,489	2,822	2,097	2,307	2,007	1,969	2,150
<i>Other</i>	NA	NA	NA	13	8	9	13
Outside fire	4,446	4,895	3,309	4,837	4,181	3,941	4,570
<i>Forest/Tree</i>	146	214	129	165	205	118	132
<i>Grass</i>	2,846	2,762	1,599	2,256	1,716	1,487	1,607
<i>Rubbish</i>	1,260	1,737	1,432	2,249	2,110	2,162	2,620
<i>Other</i>	194	182	149	167	150	174	211
<b>Total</b>	<b>7,614</b>	<b>8,369</b>	<b>6,143</b>	<b>7,911</b>	<b>6,940</b>	<b>6,664</b>	<b>7,472</b>

Fire incidents for 2013 - 2015 include Fire false alarms.

NA - Not Available

Figure 3 - Selected fire incidents attended by type - Island of Mauritius, 2013 - 2019



**Table 3.2 - Number of fire incidents attended by station and type - Island of Mauritius, 2018 and 2019**

Year	Fire Station	Total	Residential building	Non-residential building	Vehicle	Hazardous material	Cultivated vegetation		Outside fire			
							Sugar cane	Other	Forest/Tree	Grass	Rubbish	Other
2018	Port Louis	<b>1,094</b>	71	38	18	1	70	1	21	307	548	19
	Triolet	<b>721</b>	45	13	15	0	269	1	9	176	175	18
	Piton	<b>729</b>	35	15	11	3	326	2	14	156	155	12
	Flacq	<b>780</b>	52	19	13	4	415	3	21	76	154	23
	Mahebourg	<b>527</b>	30	9	8	1	287	0	7	66	101	18
	Saint Aubin	<b>344</b>	18	7	6	0	201	1	5	28	73	5
	Coromandel	<b>984</b>	48	10	19	1	98	0	17	407	368	16
	Quatre Bornes	<b>628</b>	54	22	19	1	83	0	4	136	289	20
	Curepipe	<b>618</b>	57	29	24	4	202	1	8	66	196	31
	Tamarin	<b>239</b>	8	10	7	0	18	0	12	69	103	12
	<b>Total</b>	<b>6,664</b>	<b>418</b>	<b>172</b>	<b>140</b>	<b>15</b>	<b>1,969</b>	<b>9</b>	<b>118</b>	<b>1,487</b>	<b>2,162</b>	<b>174</b>
2019	Port Louis	<b>1,136</b>	74	30	23	2	73	0	23	278	604	29
	Triolet	<b>845</b>	35	13	9	3	270	0	8	220	260	27
	Piton	<b>872</b>	37	7	14	1	391	4	15	188	188	27
	Flacq	<b>831</b>	35	9	17	4	469	3	21	70	177	26
	Mahebourg	<b>566</b>	30	8	12	2	290	1	21	72	113	17
	Saint Aubin	<b>307</b>	20	8	7	1	174	2	5	30	55	5
	Coromandel	<b>1,233</b>	38	19	16	3	79	0	27	447	571	33
	Quatre Bornes	<b>699</b>	59	22	28	2	130	1	2	135	306	14
	Curepipe	<b>679</b>	69	17	29	5	250	2	7	68	203	29
	Tamarin	<b>304</b>	17	9	4	1	24	0	3	99	143	4
	<b>Total</b>	<b>7,472</b>	<b>414</b>	<b>142</b>	<b>159</b>	<b>24</b>	<b>2,150</b>	<b>13</b>	<b>132</b>	<b>1,607</b>	<b>2,620</b>	<b>211</b>

**Table 3.3 - Number of fire incidents attended by district and type - Island of Mauritius, 2018 and 2019**

Year	District	Total	Residential building	Non-residential building	Vehicle	Hazardous material	Cultivated vegetation		Outside fire			
							Sugar cane	Other	Forest/Tree	Grass	Rubbish	Other
2018	Port Louis	835	67	32	17	1	1	1	15	238	445	18
	Pamplemousses	1,189	46	20	17	2	449	3	18	269	342	23
	Rivière du Rempart	682	44	14	11	1	255	0	16	180	150	11
	Flacq	825	49	19	13	4	461	3	19	83	154	20
	Grand Port	663	39	15	11	2	367	0	7	72	126	24
	Savanne	331	17	7	7	0	184	1	5	31	75	4
	Plaine Wilhems	1,055	107	43	40	3	115	1	12	190	498	46
	Moka	299	21	6	8	2	81	0	4	71	97	9
	Black River	785	28	16	16	0	56	0	22	353	275	19
	<b>Total</b>	<b>6,664</b>	<b>418</b>	<b>172</b>	<b>140</b>	<b>15</b>	<b>1,969</b>	<b>9</b>	<b>118</b>	<b>1,487</b>	<b>2,162</b>	<b>174</b>
2019	Port Louis	1,019	66	29	14	2	0	0	25	290	560	33
	Pamplemousses	1,451	55	21	19	3	484	2	17	351	465	34
	Rivière du Rempart	773	34	4	13	1	277	3	13	193	213	22
	Flacq	886	34	10	15	4	523	2	20	70	182	26
	Grand Port	694	37	11	15	3	357	1	23	83	143	21
	Savanne	286	19	7	6	1	167	2	5	26	49	4
	Plaine Wilhems	1,038	121	34	46	7	112	2	11	156	514	35
	Moka	392	16	12	18	0	150	0	6	53	117	20
	Black River	933	32	14	13	3	80	1	12	385	377	16
	<b>Total</b>	<b>7,472</b>	<b>414</b>	<b>142</b>	<b>159</b>	<b>24</b>	<b>2,150</b>	<b>13</b>	<b>132</b>	<b>1,607</b>	<b>2,620</b>	<b>211</b>

**Table 3.4 - Number of fire incidents attended by month and type - Island of Mauritius, 2018 and 2019**

Year	Month	Total	Residential building	Non-residential building	Vehicle	Hazardous material	Cultivated vegetation		Outside fire			
							Sugar cane	Other	Forest/Tree	Grass	Rubbish	Other
2018	January	206	43	12	16	2	16	0	3	21	69	24
	February	149	33	9	13	1	5	0	2	6	61	19
	March	165	37	9	10	2	17	0	3	9	64	14
	April	224	32	9	10	3	37	0	1	17	101	14
	May	397	18	21	11	0	90	2	11	79	158	7
	June	498	30	13	10	3	130	0	21	110	175	6
	July	670	41	16	9	0	224	0	13	191	169	7
	August	1,195	42	17	6	0	425	1	22	352	314	16
	September	906	32	20	13	0	323	1	7	228	269	13
	October	1,172	44	15	7	2	403	2	17	295	370	17
	November	696	31	15	16	2	242	0	11	137	229	13
	December	386	35	16	19	0	57	3	7	42	183	24
	<b>Total</b>	<b>6,664</b>	<b>418</b>	<b>172</b>	<b>140</b>	<b>15</b>	<b>1,969</b>	<b>9</b>	<b>118</b>	<b>1,487</b>	<b>2,162</b>	<b>174</b>
2019	January	314	43	18	19	1	23	0	6	36	151	17
	February	192	30	16	12	2	12	0	5	17	81	17
	March	358	35	11	18	3	51	1	5	53	159	22
	April	242	36	13	13	4	32	0	12	37	83	12
	May	411	26	10	6	2	67	2	8	135	146	9
	June	560	35	4	10	1	161	0	5	168	164	12
	July	638	27	8	14	2	252	1	11	133	169	21
	August	808	42	18	13	2	298	0	13	178	230	14
	September	947	33	6	14	1	340	1	18	209	314	11
	October	1,088	35	18	16	3	370	3	19	240	368	16
	November	1,135	33	14	12	2	330	3	18	266	434	23
	December	779	39	6	12	1	214	2	12	135	321	37
	<b>Total</b>	<b>7,472</b>	<b>414</b>	<b>142</b>	<b>159</b>	<b>24</b>	<b>2,150</b>	<b>13</b>	<b>132</b>	<b>1,607</b>	<b>2,620</b>	<b>211</b>

**Table 4.1 - Number of sugar cane fires, area and damage of sugar cane field - Island of Mauritius, 2013 - 2019**

Year	Total			Standing cane			Young shoot		
	Number of sugar cane fires	Area of sugar cane field (Estimated acres)	Damage of sugar cane field (Estimated acres)	Number of sugar cane fires	Area of sugar cane field (Estimated acres)	Damage of sugar cane field (Estimated acres)	Number of sugar cane fires	Area of sugar cane field (Estimated acres)	Damage of sugar cane field (Estimated acres)
2013	2,489	NA	13,805	2,157	NA	12,556	332	NA	1,249
2014	2,822	35,675	16,525	2,537	33,130	15,366	285	2,545	1,159
2015	2,097	20,682	9,054	1,673	17,442	7,947	424	3,240	1,107
2016	2,307	23,937	10,285	1,814	18,882	8,487	493	5,055	1,798
2017	2,007	19,462	8,411	1,608	15,633	6,977	399	3,829	1,434
2018	1,969	22,959	9,573	1,599	19,103	8,251	370	3,856	1,322
2019	2,150	28,629	12,150	1,741	23,792	10,317	409	4,837	1,833

NA - Not Available

**Table 4.2 - Number of sugar cane fires by station and damage - Island of Mauritius, 2018 and 2019**

Year	Fire Station	Total		Standing cane		Young shoot	
		Number of sugar cane fires	Damage of sugar cane field (Estimated acres)	Number of sugar cane fires	Damage of sugar cane field (Estimated acres)	Number of sugar cane fires	Damage of sugar cane field (Estimated acres)
2018	Port Louis	70	403	58	321	12	82
	Triplet	269	1,370	222	1,236	47	134
	Piton	326	1,218	267	1,022	59	196
	Flacq	415	2,119	316	1,775	99	344
	Mahebourg	287	1,244	249	1,061	38	183
	Saint Aubin	201	880	162	794	39	86
	Coromandel	98	545	73	473	25	72
	Quatre Bornes	83	547	69	503	14	44
	Curepipe	202	1,136	171	970	31	166
	Tamarin	18	111	12	96	6	15
	<b>Total</b>	<b>1,969</b>	<b>9,573</b>	<b>1,599</b>	<b>8,251</b>	<b>370</b>	<b>1,322</b>
2019	Port Louis	73	450	59	393	14	57
	Triplet	270	1,376	222	1,255	48	121
	Piton	391	1,804	308	1,464	83	340
	Flacq	469	2,846	375	2,456	94	390
	Mahebourg	290	1,683	227	1,340	63	343
	Saint Aubin	174	712	127	585	47	127
	Coromandel	79	640	69	572	10	68
	Quatre Bornes	130	798	120	743	10	55
	Curepipe	250	1,594	213	1,338	37	256
	Tamarin	24	247	21	171	3	76
	<b>Total</b>	<b>2,150</b>	<b>12,150</b>	<b>1,741</b>	<b>10,317</b>	<b>409</b>	<b>1,833</b>



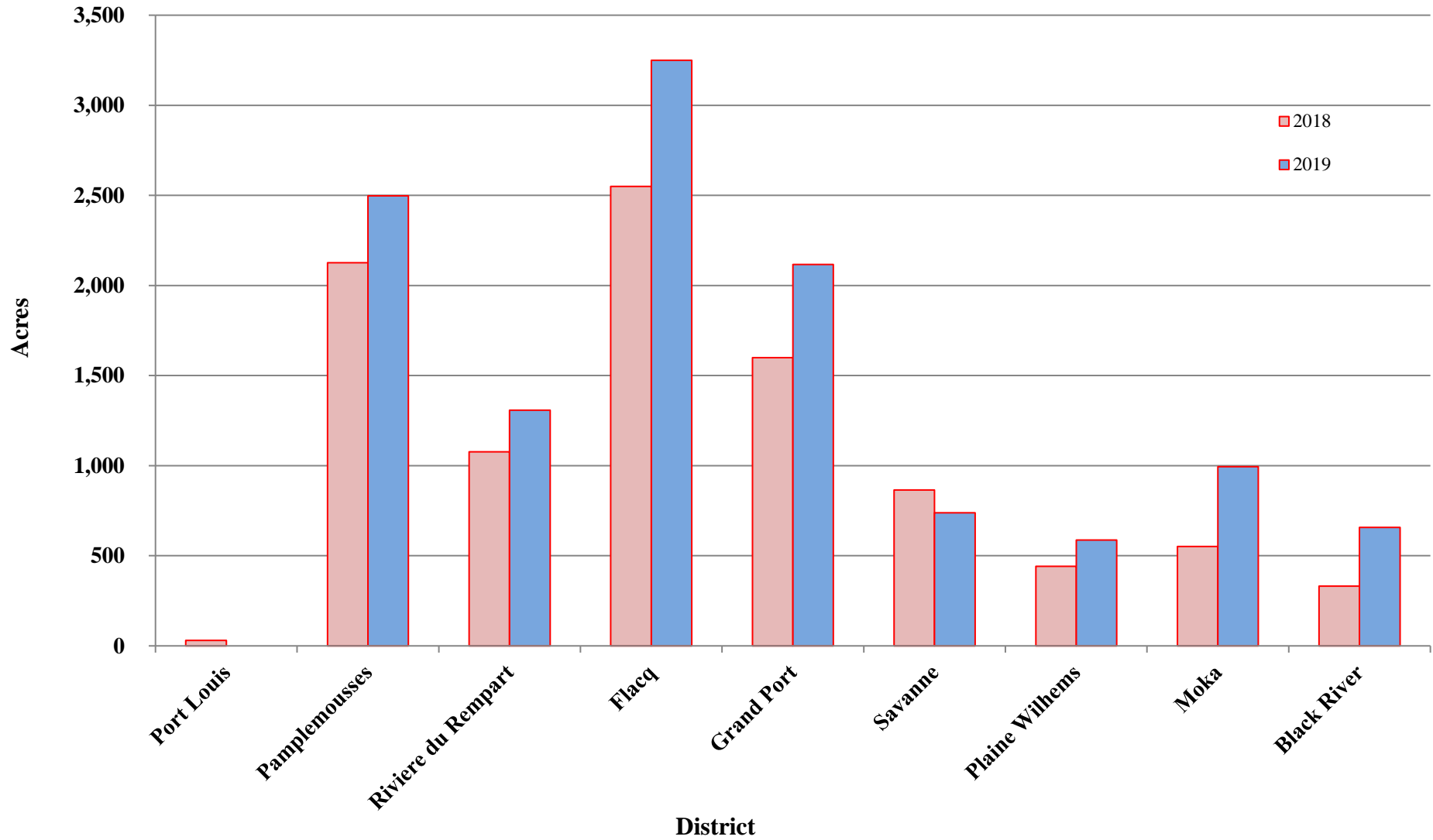
**Table 4.3 - Number of sugar cane fires by district and damage - Island of Mauritius, 2018 and 2019**

Year	District	Total		Standing cane		Young shoot	
		Number of sugar cane fires	Damage of sugar cane field (Estimated acres)	Number of sugar cane fires	Damage of sugar cane field (Estimated acres)	Number of sugar cane fires	Damage of sugar cane field (Estimated acres)
2018	Port Louis	1	30	1	30	0	0
	Pamplemousses	449	2,126	375	1,822	74	304
	Rivière du Rempart	255	1,077	200	908	55	169
	Flacq	461	2,550	361	2,181	100	369
	Grand Port	367	1,600	324	1,386	43	214
	Savanne	184	865	145	769	39	96
	Plaine Wilhems	115	442	95	389	20	53
	Moka	81	552	59	485	22	67
	Black River	56	331	39	281	17	50
	<b>Total</b>	<b>1,969</b>	<b>9,573</b>	<b>1,599</b>	<b>8,251</b>	<b>370</b>	<b>1,322</b>
2019	Port Louis	0	0	0	0	0	0
	Pamplemousses	484	2,497	383	2,100	101	397
	Rivière du Rempart	277	1,308	229	1,120	48	188
	Flacq	523	3,250	420	2,796	103	454
	Grand Port	357	2,117	281	1,670	76	447
	Savanne	167	738	123	620	44	118
	Plaine Wilhems	112	587	100	529	12	58
	Moka	150	995	131	913	19	82
	Black River	80	658	74	569	6	89
	<b>Total</b>	<b>2,150</b>	<b>12,150</b>	<b>1,741</b>	<b>10,317</b>	<b>409</b>	<b>1,833</b>

**Table 4.4 - Number of sugar cane fires by month and damage - Island of Mauritius, 2018 and 2019**

Year	Month	Total		Standing cane		Young shoot	
		Number of sugar cane fires	Damage of sugar cane field (Estimated acres)	Number of sugar cane fires	Damage of sugar cane field (Estimated acres)	Number of sugar cane fires	Damage of sugar cane field (Estimated acres)
2018	January	16	32	0	0	16	32
	February	5	16	0	0	5	16
	March	17	29	0	0	17	29
	April	37	81	0	0	37	81
	May	90	191	0	0	90	191
	June	130	712	130	712	0	0
	July	224	1,111	222	1,099	2	12
	August	425	2,447	411	2,299	14	148
	September	323	1,905	291	1,737	32	168
	October	403	1,895	346	1,578	57	317
	November	242	1,015	171	753	71	262
	December	57	139	28	73	29	66
		<b>Total</b>	<b>1,969</b>	<b>9,573</b>	<b>1,599</b>	<b>8,251</b>	<b>370</b>
2019	January	23	32	0	0	23	32
	February	12	18	0	0	12	18
	March	51	140	0	0	51	140
	April	32	222	0	0	32	222
	May	67	198	0	0	67	198
	June	161	1,136	156	1,056	5	80
	July	252	1,485	250	1,475	2	10
	August	298	1,593	290	1,546	8	47
	September	340	2,100	310	1,877	30	223
	October	370	2,464	319	2,169	51	295
	November	330	1,677	262	1,357	68	320
	December	214	1,085	154	837	60	248
		<b>Total</b>	<b>2,150</b>	<b>12,150</b>	<b>1,741</b>	<b>10,317</b>	<b>409</b>

Figure 4 - Estimated damage of sugar cane field by district - Island of Mauritius, 2018 and 2019



**Table 5.1 - Number of fire false alarms attended by station - Island of Mauritius, 2018 and 2019**

Fire Station	Fire false alarms					
	2018			2019		
	Total	Malicious	Good intents <sup>1</sup>	Total	Malicious	Good intents <sup>1</sup>
Port Louis	33	22	11	40	21	19
Triolet	23	14	9	12	5	7
Piton	19	13	6	12	7	5
Flacq	17	8	9	19	9	10
Mahebourg	14	10	4	12	9	3
Saint Aubin	9	4	5	10	6	4
Coromandel	25	11	14	35	19	16
Quatre Bornes	19	8	11	12	5	7
Curepipe	25	16	9	30	7	23
Tamarin	9	7	2	6	4	2
<b>Total</b>	<b>193</b>	<b>113</b>	<b>80</b>	<b>188</b>	<b>92</b>	<b>96</b>

<sup>1</sup> Include fire false alarms due to apparatus whereby a fire alarm operated erroneously.

**Table 5.2 - Number of fire false alarms attended by district - Island of Mauritius, 2018 and 2019**

District	Fire false alarms					
	2018			2019		
	Total	Malicious	Good intents <sup>1</sup>	Total	Malicious	Good intents <sup>1</sup>
Port Louis	27	16	11	36	18	18
Pamplemousses	37	24	13	25	12	13
Rivière du Rempart	12	9	3	8	6	2
Flacq	21	12	9	20	9	11
Grand Port	19	13	6	20	11	9
Savanne	7	4	3	11	6	5
Plaine Wilhems	37	20	17	36	9	27
Moka	10	4	6	8	4	4
Black River	23	11	12	24	17	7
<b>Total</b>	<b>193</b>	<b>113</b>	<b>80</b>	<b>188</b>	<b>92</b>	<b>96</b>

<sup>1</sup> Include fire false alarms due to apparatus whereby a fire alarm operated erroneously.

**Table 5.3 - Number of fire false alarms attended by month - Island of Mauritius, 2018 and 2019**

Month	Fire false alarms					
	2018			2019		
	Total	Malicious	Good intents <sup>1</sup>	Total	Malicious	Good intents <sup>1</sup>
January	15	12	3	7	6	1
February	12	8	4	16	8	8
March	20	9	11	12	8	4
April	11	4	7	18	11	7
May	12	4	8	14	3	11
June	19	7	12	18	6	12
July	11	6	5	16	2	14
August	20	11	9	14	5	9
September	21	14	7	10	6	4
October	15	13	2	17	9	8
November	21	12	9	24	17	7
December	16	13	3	22	11	11
<b>Total</b>	<b>193</b>	<b>113</b>	<b>80</b>	<b>188</b>	<b>92</b>	<b>96</b>

<sup>1</sup> Include fire false alarms due to apparatus whereby a fire alarm operated erroneously.

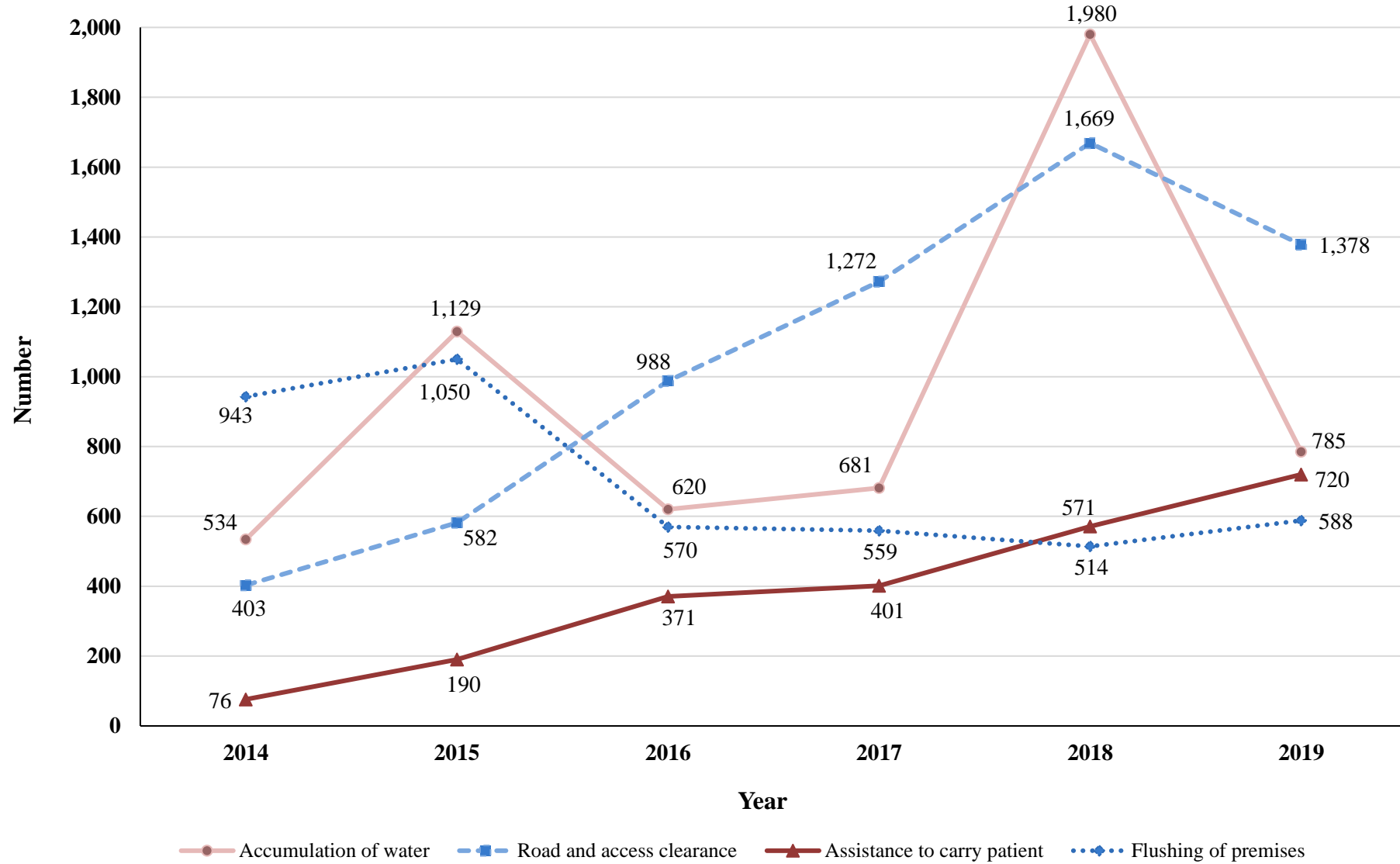
**Table 6.1 - Number of non-fire incidents attended by type - Island of Mauritius, 2014 - 2019**

<b>Non-fire incident</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Accumulation of water	534	1,129	620	681	1,980	785
<i>Flooding</i>	NA	NA	564	628	1,920	760
<i>Other</i>	NA	NA	56	53	60	25
Rescue operation	199	185	193	231	322	299
<i>Human</i>	136	98	69	74	136	111
<i>Animal</i>	63	87	124	157	186	188
Flushing of premises	943	1,050	570	559	514	588
Road and access clearance	403	582	988	1,272	1,669	1,378
Road traffic collision	NA	NA	125	112	141	178
Supply of water	178	149	97	55	59	45
Stand-by	310	304	354	352	328	460
Hazardous material release	NA	NA	25	26	26	61
Assistance to carry patient	76	190	371	401	571	720
Other	116	115	150	149	167	185
<b>Total</b>	<b>2,759</b>	<b>3,704</b>	<b>3,493</b>	<b>3,838</b>	<b>5,777</b>	<b>4,699</b>

NA - Not Available

Data on non-fire incidents by type are not available for 2013.

Figure 5 - Selected non-fire incidents attended by type - Island of Mauritius, 2014 - 2019





**Table 6.2 - Number of non-fire incidents attended by station and type - Island of Mauritius, 2018 and 2019**

Year	Fire Station	Total	Accumulation of water		Rescue operation		Flushing of premises	Road and access clearance	Road traffic collision	Supply of water	Stand-by	Hazardous material release	Assistance to carry patient	Other
			Flooding	Other	Human	Animal								
2018	Port Louis	961	299	15	40	24	145	226	16	19	24	7	125	21
	Triolet	468	175	1	8	20	20	138	18	6	33	0	29	20
	Piton	512	183	2	10	14	34	209	10	2	23	1	12	12
	Flacq	505	181	2	7	11	36	185	15	1	33	3	21	10
	Mahebourg	341	124	4	6	10	28	109	9	6	8	1	28	8
	Saint Aubin	301	79	7	4	10	43	121	8	1	17	0	7	4
	Coromandel	1,006	269	17	17	19	82	246	11	12	81	4	210	38
	Quatre Bornes	550	201	6	20	30	30	144	19	6	21	4	49	20
	Curepipe	859	291	6	13	43	93	201	23	6	66	6	84	27
	Tamarin	274	118	0	11	5	3	90	12	0	22	0	6	7
	<b>Total</b>	<b>5,777</b>	<b>1,920</b>	<b>60</b>	<b>136</b>	<b>186</b>	<b>514</b>	<b>1,669</b>	<b>141</b>	<b>59</b>	<b>328</b>	<b>26</b>	<b>571</b>	<b>167</b>
2019	Port Louis	728	113	4	26	30	154	148	15	10	40	9	138	41
	Triolet	346	96	0	5	13	22	94	12	1	53	10	20	20
	Piton	406	75	2	5	13	40	176	26	1	39	7	10	12
	Flacq	394	48	1	1	21	49	176	16	0	43	1	17	21
	Mahebourg	286	55	2	5	12	20	105	6	16	14	7	37	7
	Saint Aubin	316	61	3	2	12	47	150	12	1	13	3	7	5
	Coromandel	584	96	3	10	13	67	173	10	8	102	6	69	27
	Quatre Bornes	502	55	5	22	26	71	116	29	5	42	7	104	20
	Curepipe	914	107	4	19	39	117	156	38	3	85	10	312	24
	Tamarin	223	54	1	16	9	1	84	14	0	29	1	6	8
	<b>Total</b>	<b>4,699</b>	<b>760</b>	<b>25</b>	<b>111</b>	<b>188</b>	<b>588</b>	<b>1,378</b>	<b>178</b>	<b>45</b>	<b>460</b>	<b>61</b>	<b>720</b>	<b>185</b>

**Table 6.3 - Number of non-fire incidents attended by district and type - Island of Mauritius, 2018 and 2019**

Year	District	Total	Accumulation of water		Rescue operation		Flushing of premises	Road and access clearance	Road traffic collision	Supply of water	Stand-by	Hazardous material release	Assistance to carry patient	Other
			Flooding	Other	Human	Animal								
2018	Port Louis	794	166	14	32	19	130	181	13	17	23	6	169	24
	Pamplemousses	822	348	3	17	25	52	259	20	11	41	1	18	27
	Rivière du Rempart	442	177	2	11	15	23	146	13	0	21	1	26	7
	Flacq	500	178	2	6	10	37	189	12	1	30	3	21	11
	Grand Port	448	145	5	9	17	53	137	15	6	20	1	30	10
	Savanne	288	48	7	6	10	49	120	8	1	27	0	7	5
	Plaine Wilhems	1,553	552	23	30	67	124	408	33	21	64	12	158	61
	Moka	375	155	3	7	12	12	85	10	1	76	1	7	6
	Black River	555	151	1	18	11	34	144	17	1	26	1	135	16
	<b>Total</b>	<b>5,777</b>	<b>1,920</b>	<b>60</b>	<b>136</b>	<b>186</b>	<b>514</b>	<b>1,669</b>	<b>141</b>	<b>59</b>	<b>328</b>	<b>26</b>	<b>571</b>	<b>167</b>
2019	Port Louis	655	74	4	22	27	136	130	11	11	48	7	139	46
	Pamplemousses	575	128	0	9	22	62	200	27	2	69	9	28	19
	Rivière du Rempart	433	181	4	5	10	26	122	18	0	28	10	11	18
	Flacq	378	38	1	1	19	49	171	17	0	42	2	17	21
	Grand Port	389	78	2	9	18	54	122	12	17	20	7	42	8
	Savanne	338	48	3	4	11	57	156	14	1	27	3	7	7
	Plaine Wilhems	1,364	130	10	35	57	171	293	42	12	112	18	436	48
	Moka	217	9	0	4	13	15	59	20	2	72	2	17	4
	Black River	350	74	1	22	11	18	125	17	0	42	3	23	14
	<b>Total</b>	<b>4,699</b>	<b>760</b>	<b>25</b>	<b>111</b>	<b>188</b>	<b>588</b>	<b>1,378</b>	<b>178</b>	<b>45</b>	<b>460</b>	<b>61</b>	<b>720</b>	<b>185</b>

**Table 6.4 - Number of non-fire incidents attended by month and type - Island of Mauritius, 2018 and 2019**

Year	Month	Total	Accumulation of water		Rescue operation		Flushing of premises	Road and access clearance	Road traffic collision	Supply of water	Stand-by	Hazardous material release	Assistance to carry patient	Other
			Flooding	Other	Human	Animal								
2018	January	1,804	1,068	0	31	14	73	538	7	2	1	3	41	26
	February	606	334	1	14	16	50	103	8	6	14	0	46	14
	March	526	110	3	4	19	41	203	13	8	45	1	57	22
	April	589	220	1	19	10	31	187	16	2	30	4	53	16
	May	268	0	17	8	12	40	91	13	2	17	4	55	9
	June	257	0	7	8	19	51	81	12	3	16	2	52	6
	July	282	2	5	5	24	23	112	11	5	24	4	53	14
	August	258	1	10	11	13	33	70	17	6	20	1	62	14
	September	265	1	5	7	12	70	80	8	4	20	1	46	11
	October	245	11	3	8	21	54	49	15	6	33	3	34	8
	November	295	54	5	6	11	29	65	8	11	60	2	33	11
	December	382	119	3	15	15	19	90	13	4	48	1	39	16
	<b>Total</b>	<b>5,777</b>	<b>1,920</b>	<b>60</b>	<b>136</b>	<b>186</b>	<b>514</b>	<b>1,669</b>	<b>141</b>	<b>59</b>	<b>328</b>	<b>26</b>	<b>571</b>	<b>167</b>
2019	January	496	184	0	13	18	99	93	11	12	10	6	34	16
	February	464	184	1	11	8	60	93	9	2	30	4	46	16
	March	402	42	7	7	8	63	123	16	15	31	6	64	20
	April	527	192	3	15	17	21	138	10	4	36	7	73	11
	May	303	10	3	7	17	35	107	14	0	16	5	74	15
	June	316	3	2	4	14	58	111	12	1	36	5	63	7
	July	388	5	5	6	23	42	94	13	1	101	6	78	14
	August	298	8	0	9	22	57	76	14	2	33	4	56	17
	September	306	3	0	14	8	75	81	13	1	41	5	41	24
	October	303	8	0	8	16	37	89	23	4	38	4	55	21
	November	281	30	1	8	20	18	98	14	3	16	2	57	14
	December	615	91	3	9	17	23	275	29	0	72	7	79	10
	<b>Total</b>	<b>4,699</b>	<b>760</b>	<b>25</b>	<b>111</b>	<b>188</b>	<b>588</b>	<b>1,378</b>	<b>178</b>	<b>45</b>	<b>460</b>	<b>61</b>	<b>720</b>	<b>185</b>

**Table 7.1 - Number of fire certificate applications received and fire certificates issued by district - Island of Mauritius, 2017 - 2019**

District	Fire certificate applications			Fire certificates issued <sup>1</sup>		
	2017	2018	2019	2017	2018	2019
Port Louis	134	154	705	87	83	275
Pamplemousses	114	197	708	74	97	360
Rivière du Rempart	88	92	437	46	48	218
Flacq	78	138	414	43	63	218
Grand Port	74	101	345	47	50	155
Savanne	53	49	229	19	31	107
Plaine Wilhems	294	398	1,444	158	212	713
Moka	80	122	392	44	43	179
Black River	69	116	360	54	60	158
<b>Total</b>	<b>984</b>	<b>1,367</b>	<b>5,034</b>	<b>572</b>	<b>687</b>	<b>2,383</b>

<sup>1</sup> Include applications made in previous years.

**Table 7.2 - Number of fire certificate applications received and fire certificates issued by district and type - Island of Mauritius, 2019**

District	Total		Government premises		Private premises	
	Fire certificate applications	Fire certificates issued <sup>1</sup>	Fire certificate applications	Fire certificates issued <sup>1</sup>	Fire certificate applications	Fire certificates issued <sup>1</sup>
Port Louis	705	275	15	19	690	256
Pamplemousses	708	360	16	18	692	342
Rivière du Rempart	437	218	7	9	430	209
Flacq	414	218	4	14	410	204
Grand Port	345	155	17	25	328	130
Savanne	229	107	10	14	219	93
Plaine Wilhems	1,444	713	31	31	1,413	682
Moka	392	179	8	29	384	150
Black River	360	158	5	6	355	152
<b>Total</b>	<b>5,034</b>	<b>2,383</b>	<b>113</b>	<b>165</b>	<b>4,921</b>	<b>2,218</b>

<sup>1</sup> Include applications made prior to 2019.

**Table 8.1 - Number of fire and other emergency safety awareness campaigns - Island of Mauritius, 2013 - 2019**

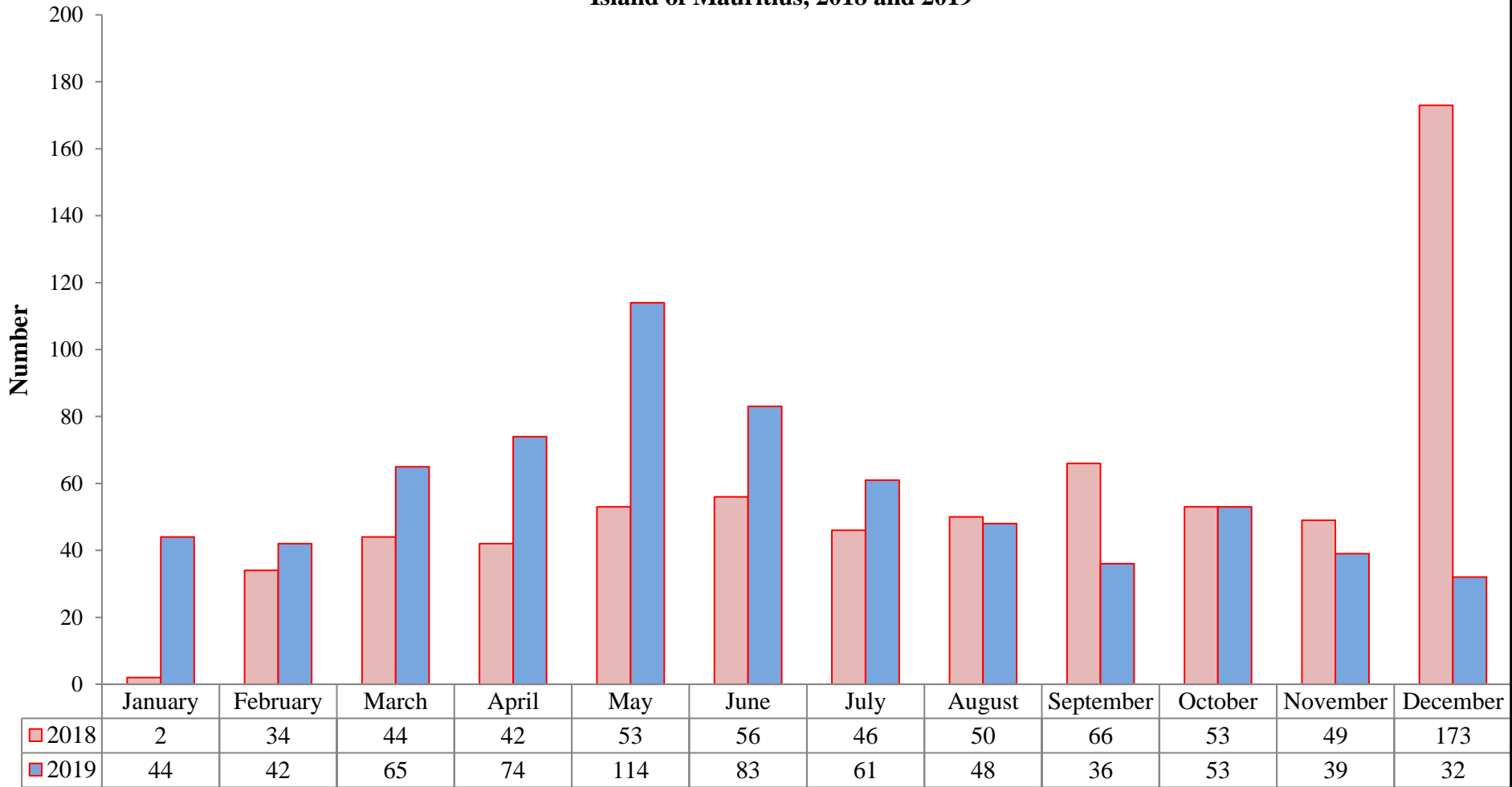
<b>Fire Station/Unit</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Fire Safety Division	82	89	128	118	72	161	224
Training Unit	36	21	33	14	37	71	39
Port Louis	13	51	74	7	23	36	51
Triolet	45	35	35	25	33	31	34
Piton	43	70	22	34	28	42	40
Flacq	70	26	31	21	39	67	85
Mahebourg	36	21	14	37	28	28	48
Saint Aubin	51	33	30	58	22	69	28
Coromandel	32	30	72	76	48	50	50
Quatre Bornes	64	49	53	36	55	37	32
Curepipe	62	29	25	33	71	26	33
Tamarin <sup>1</sup>	2	27	11	22	27	50	27
<b>Total</b>	<b>536</b>	<b>481</b>	<b>528</b>	<b>481</b>	<b>483</b>	<b>668</b>	<b>691</b>

<sup>1</sup> Fire station was operational as from November 2013.

**Table 8.2 - Number of fire and other emergency safety awareness campaigns by month - Island of Mauritius, 2018 and 2019**

Year	Fire Station/ Unit	Total	January	February	March	April	May	June	July	August	September	October	November	December
2018	Fire Safety Division	161	1	1	1	2	7	10	21	24	29	28	28	9
	Training Unit	71	0	9	8	4	6	7	12	3	4	8	5	5
	Port Louis	36	0	3	5	3	2	1	0	1	0	0	7	14
	Triolet	31	0	1	3	1	6	3	2	3	2	2	1	7
	Piton	42	0	0	0	2	0	9	1	2	5	2	2	19
	Flacq	67	1	7	13	18	11	5	2	2	0	0	0	8
	Mahebourg	28	0	0	1	1	1	5	2	3	4	0	1	10
	Saint Aubin	69	0	3	4	4	7	1	1	6	4	3	1	35
	Coromandel	50	0	3	3	1	5	4	0	1	7	2	1	23
	Quatre Bornes	37	0	4	1	1	1	0	4	0	4	3	0	19
	Curepipe	26	0	1	1	2	3	1	1	2	5	2	0	8
	Tamarin	50	0	2	4	3	4	10	0	3	2	3	3	16
	<b>Total</b>	<b>668</b>	<b>2</b>	<b>34</b>	<b>44</b>	<b>42</b>	<b>53</b>	<b>56</b>	<b>46</b>	<b>50</b>	<b>66</b>	<b>53</b>	<b>49</b>	<b>173</b>
2019	Fire Safety Division	224	19	7	16	33	27	17	23	15	16	20	17	14
	Training Unit	39	2	2	4	4	5	2	3	3	2	6	4	2
	Port Louis	51	4	5	8	4	9	5	6	2	3	2	3	0
	Triolet	34	1	1	2	3	2	12	2	1	0	5	4	1
	Piton	40	5	4	8	4	6	3	1	3	2	2	2	0
	Flacq	85	2	8	6	6	21	12	8	8	3	7	2	2
	Mahebourg	48	1	4	7	3	8	8	6	2	0	2	0	7
	Saint Aubin	28	1	5	4	4	3	3	3	2	0	2	0	1
	Coromandel	50	6	3	5	3	6	4	6	7	4	2	3	1
	Quatre Bornes	32	0	1	1	3	14	6	0	2	1	0	2	2
	Curepipe	33	3	1	2	6	7	7	1	0	3	3	0	0
	Tamarin	27	0	1	2	1	6	4	2	3	2	2	2	2
	<b>Total</b>	<b>691</b>	<b>44</b>	<b>42</b>	<b>65</b>	<b>74</b>	<b>114</b>	<b>83</b>	<b>61</b>	<b>48</b>	<b>36</b>	<b>53</b>	<b>39</b>	<b>32</b>

**Figure 6 - Number of fire and other emergency safety awareness campaigns by month, Island of Mauritius, 2018 and 2019**





**Table 9.1 - Number of incidents attended by month and type - Island of Rodrigues, 2018 and 2019**

Month	2018				2019			
	Total	Fire incidents	Fire false alarms	Non-fire incidents	Total	Fire incidents	Fire false alarms	Non-fire incidents
January	129	5	2	122	36	20	0	16
February	21	8	0	13	82	15	0	67
March	25	4	1	20	58	6	0	52
April	25	5	0	20	8	7	0	1
May	21	9	0	12	13	5	0	8
June	12	8	0	4	33	2	0	31
July	13	4	0	9	10	8	2	0
August	17	7	1	9	22	15	0	7
September	13	10	0	3	13	7	1	5
October	38	21	1	16	29	20	0	9
November	19	9	0	10	38	19	3	16
December	32	15	0	17	41	9	0	32
<b>Total</b>	<b>365</b>	<b>105</b>	<b>5</b>	<b>255</b>	<b>383</b>	<b>133</b>	<b>6</b>	<b>244</b>

Source : Rodrigues Fire and Rescue Service

## **Explanatory notes and definitions**

### ***Fire***

Fire is an undesirable event which produces smoke, flame and heat with the potential to cause loss of life, damage to property and the environment.

### ***Fire incidents***

These are turn outs to any location of fire in buildings, vehicles, sugar cane fields and outside fires.

### ***Fire false alarms***

A fire false alarm is defined as an incident where the Mauritius Fire and Rescue Service attends a location believing it is called to a reportable fire, but on arrival, discovers that there is no such incident. Fire false alarms are categorised as:

**Malicious** – the call was made with the intention of getting the fire and rescue service to attend a non-existent fire-related event. This includes ‘deliberate’ and ‘suspected malicious’ intentions.

**Good Intent** – the call was made in good faith in the belief that the fire and rescue service really would attend a fire.

**Due to Apparatus** – the call was initiated by fire alarm and fire fighting equipment operating (including accidental initiation of alarm apparatus by person).

### ***Structural fires***

Structural fires are fires involved in various types of buildings such as residential, commercial or industrial buildings. Residential buildings are detached houses, apartments or flats. Structural fires include any fire inside, on, under or touching a construction for occupancy and use for a specific purpose.

### ***Dwelling fires***

Dwelling fires are fires involved in buildings where a person lives such as houses, apartments or flats, excluding hotels/hostels and residential institutions.

### ***Sugar cane fires***

Sugar cane fires comprise standing cane and young shoot under cultivation.

### ***Non-fire incidents***

Non-fire incidents are incidents requiring the attendance of an officer or appliance. They include local emergencies such as pumping of accumulated water, flushing of premises, road and access clearance, road traffic collision, rescue operation, and supply of water.

***Fatalities***

Fatalities include any death resulting from injuries caused by a fire incident or road traffic collisions.

***Fire-related fatalities***

These include any fatal casualty which is the direct or indirect result of injuries caused by a fire incident.

***Non-Fatal casualties***

Non-fatal casualties are victims caused by a fire incident or non-fire incident, who went to hospital as an in-patient or as an out-patient, or those receiving First Aid on the incident spot.

***Fire certificate is issued to:***

- (i) Residential premises exceeding 7 storeys;
- (ii) Commercial premises;
- (iii) Industrial premises;
- (iv) Premises where explosives such as gunpowder, nitroglycerine, dynamite, small arms ammunition and liquid oxygen are used or stored including those which require a licence under the Explosives Act;
- (v) Premises where highly inflammable liquid or gas or dangerous chemical, biological, radiological, nuclear or hazardous materials is used or stored;
- (vi) Any premises to which the public has access other than residential premises exceeding 7 storeys, commercial and industrial premises.