

South Ayrshire Council

**Report by Assistant Director - People
to Partnerships Panel
of 28 June 2022**

**Subject: Local Performance Report: Scottish Fire and Rescue -
2021/22 Full Year Performance and Service Update
Report**

1. Purpose

- 1.1 The purpose of this report is to provide members of the Partnership Panel with information about the end-year performance of the Scottish Fire and Rescue Service in South Ayrshire.

2. Recommendation

- 2.1 **It is recommended that the Panel scrutinises the 2021-22 end of year performance report of the Scottish Fire and Rescue Service in South Ayrshire and provides feedback to the Local Senior Officer.**

3. Background

- 3.1 The Police and Fire and Rescue Reform (Scotland) Act 2012 created a national police force and a national fire and rescue service. The implications of the legislation for local authorities are that the Council will:

- Comment on SPA and SFRS Strategic Plans;
- Contribute to the preparation of the local plan for police and local fire and rescue plan and approve the plans;
- Monitor the delivery of police and fire and rescue functions in the area and make recommendations for improvement; and
- Provide feedback to the Local Police Commander and the Fire and Rescue Service Local Senior Officer.

- 3.2 The [Local Fire Plan for South Ayrshire](#) was agreed at Leadership Panel on 19 June 2019. Performance is reported twice yearly and this report relates to the end of year performance.

4/

4. Proposals

- 4.1 The Local Senior Officer, Ian McMeekin, has provided the performance report (attached as Appendix A) and management information report (attached as Appendix B) which Panel members are invited to scrutinise and provide feedback on. Service update information is also provided. The Local Senior Officer will be in attendance at the Panel meeting to discuss both the performance information and the update information.

5. Legal and Procurement Implications

- 5.1 There are no legal implications arising from this report.
- 5.2 There are no procurement implications arising from this report.

6. Financial Implications

- 6.1 Not applicable.

7. Human Resources Implications

- 7.1 Not applicable.

8. Risk

8.1 *Risk Implications of Adopting the Recommendations*

- 8.1.1 There are no risks associated with adopting the recommendations.

8.2 *Risk Implications of Rejecting the Recommendations*

- 8.2.1 If the recommendation is rejected then there is a risk that the Council is considered to not have discharged its responsibility under the Police and Fire and Rescue Reform (Scotland) Act 2012 in terms of scrutinising local performance.

9. Equalities

- 9.1 The proposals in this report allow scrutiny of performance. The report does not involve proposals for policies, strategies, procedures, processes, financial decisions and activities (including service delivery), both new and at review, that affect the Council's communities and employees, therefore an equality impact assessment is not required.

10. Sustainable Development Implications

- 10.1 ***Considering Strategic Environmental Assessment (SEA)*** - The proposals in this report do not represent a qualifying plan, programme, policy or strategy for consideration for SEA. There exists therefore no obligation to contact the Scottish Government Gateway and no further action is necessary. An SEA has not been undertaken.

11. Options Appraisal

11.1 An options appraisal has not been carried out in relation to the subject matter of this report.

12. Link to Council Plan

12.1 The matters referred to in this report contribute to Commitments 1 and 6 of the Council Plan: Fair and Effective Leadership/ Leadership that promotes fairness; and A Better Place to Live/ Enhanced environment through social, cultural and economic activities.

13. Results of Consultation

13.1 There has been no consultation on the content of this report which relates to performance of an external organisation.

Background Papers [Draft Strategic Plan 2019-22](#)

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Date: 15 June 2022



South Ayrshire Performance Report
1st April 2021 - 31st March 2022



SCOTTISH
FIRE AND RESCUE SERVICE
Working together for a safer Scotland

**Working together
for a safer Scotland**

south
AYRSHIRE
COUNCIL

South Ayrshire Performance Report

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Local Fire and Rescue Service Plan Priorities

The Local Fire and Rescue Service Plan has been developed to set out the priorities and objectives within South Ayrshire and allows our local authority partners to scrutinise the performance outcomes of these priorities. We will continue to work closely with our partners in South Ayrshire to ensure we are all “**Working Together for a Safer Scotland**” through targeting risks to our communities at a local level.

The plan has been developed to complement key partnership activity embedded across South Ayrshire's Community Planning Partnership. Through effective and co-ordinated partnership working we will seek to deliver continuous improvement in our performance and effective service delivery in our area of operations.

The Local Fire and Rescue Plan for South Ayrshire identified six areas for demand reduction and is subject to regular monitoring and reporting through the Partnership Panel. A summary of the priorities and current activity is detailed below with further detail and analysis contained within this performance report.

	Accidental Dwelling Fires	Accidental Dwelling Fire Casualties	Unintentional Injury and Harm	Deliberate Fire Setting	Non-Domestic Fire Safety	Unwanted Fire Alarm Signals
Ayr East	8	3	5	14	2	50
Ayr North	17	2	9	94	8	94
Ayr West	12	1	7	27	5	142
Girvan & South Carrick	8	0	12	6	7	101
Kyle	9	2	10	30	1	50
Maybole, North Carrick & Coylton	3	0	6	25	4	87
Prestwick	7	0	6	49	5	55
Troon	5	1	6	62	1	46
Total Incidents	69	9	61	307	33	625

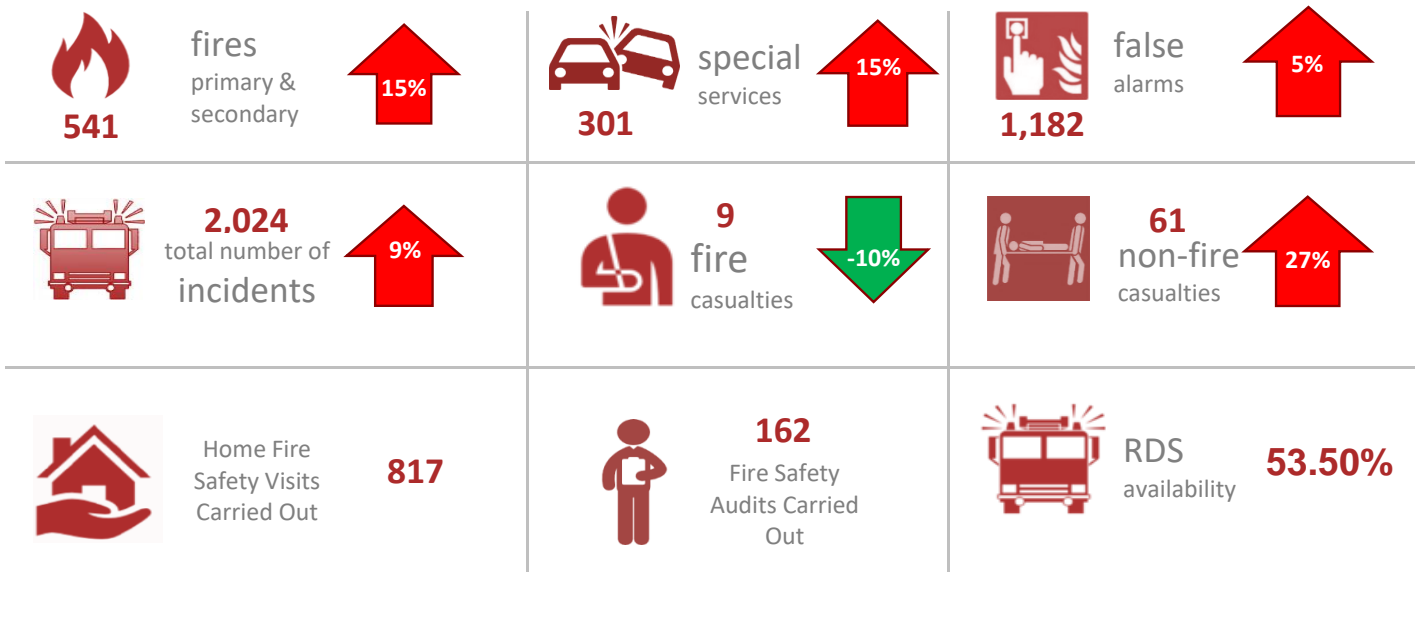
Year on Year Change	-5%	-10%	27%	13%	74%	8%
3 Year Average Change	-6%	-17%	-22%	7%	-1%	-4%
5 Year Average Change	-3%	-8%	-10%	5%	-1%	-1%

About the statistics within this report

The activity totals and other statistics quoted within this report are published in the interests of transparency and openness. They are provisional in nature and subject to change as a result of ongoing quality assurance and review. Because all statistics quoted are provisional there may be a difference in the period totals quoted in our reports after local publication which result from revisions or additions to the data in our systems. The Scottish Government publishes official statistics each year which allow for comparisons to be made over longer periods of time.

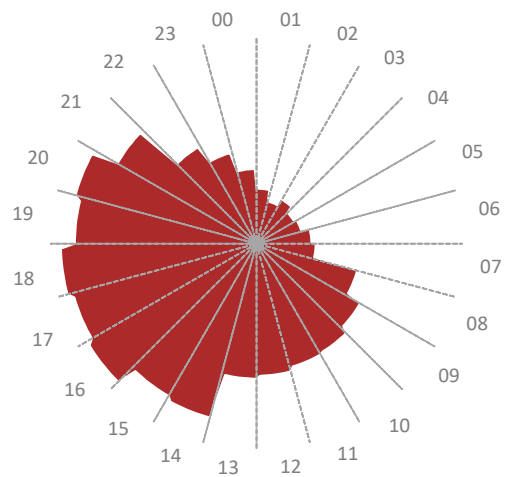
- Activity levels have reduced by more than 5%
- Activity levels have reduced by up to 5%
- Activity levels have increased overall

South Ayrshire Delivery Activity Summary

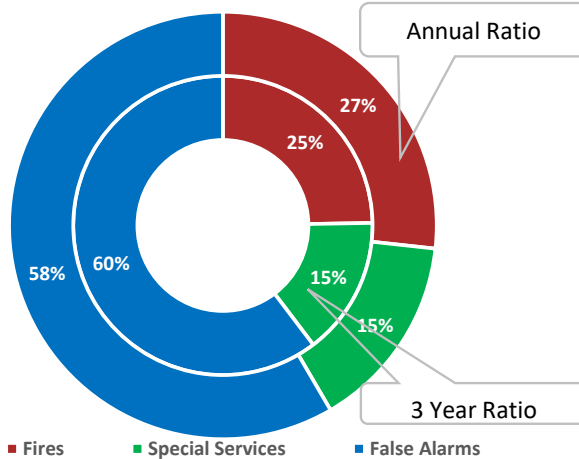


Activity by Time of Day

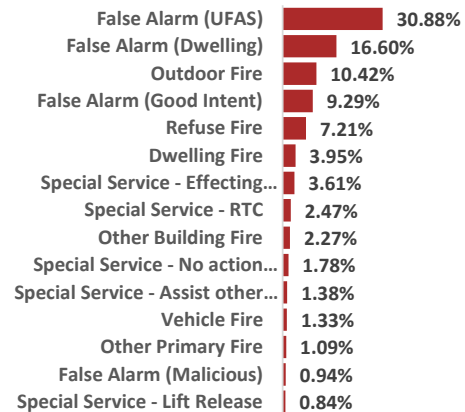
Hour (am)	Total	Hour (pm)	Total
Midnight	53	Mid-day	94
1am	39	1pm	96
2am	31	2pm	128
3am	36	3pm	125
4am	31	4pm	139
5am	33	5pm	135
6am	39	6pm	139
7am	42	7pm	129
8am	74	8pm	133
9am	85	9pm	114
10am	90	10pm	80
11am	91	11pm	67



Incidents by Classification



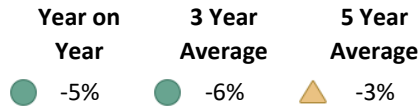
Top 15 Incident Types by % of Total Incidents



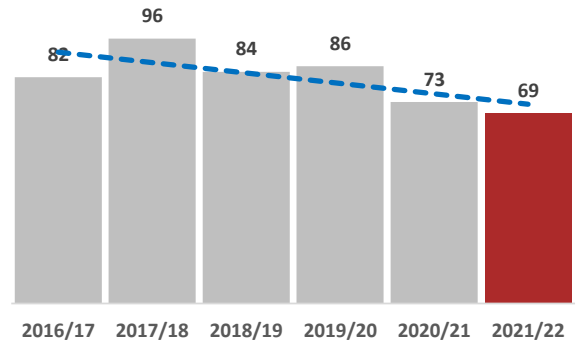
Domestic Safety - Accidental Dwelling Fires



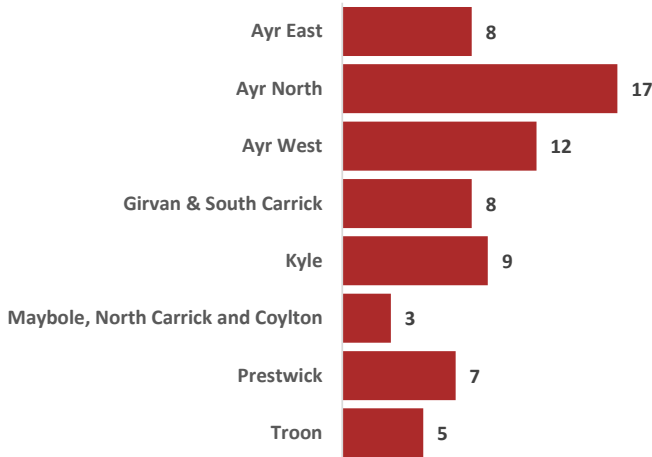
Performance Summary



Accidental Dwelling Fires to Date



Accidental Dwelling Fires by Ward Area



Severity of Accidental Dwelling Fires



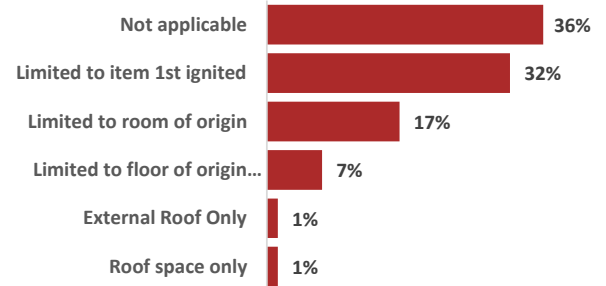
No Firefighting Action

Direct Firefighting

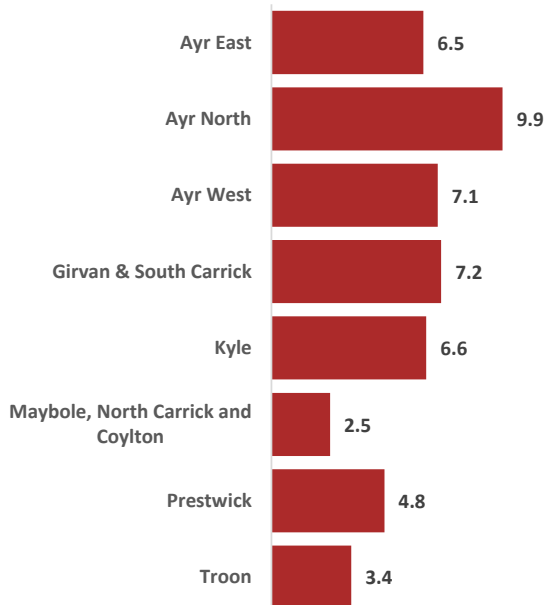
42%

32%

Extent of Fire Damage



Incidents Per 10,000 Population - South Ayrshire



Automatic Detection & Actuation



Detection Present

Detection Actuated

84%

69%



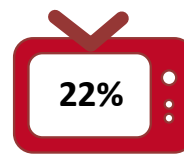
Calls Made via Linked Alarms

10%

Incidents Per 10,000 Population - Ayrshire



Human Factors



Distraction

22%



Alcohol/Drug Impairment

10%



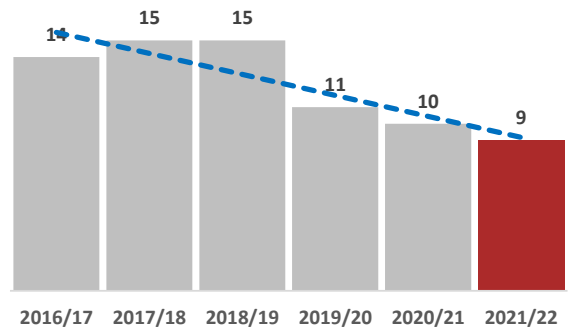
Domestic Safety - Accidental Dwelling Fire Casualties



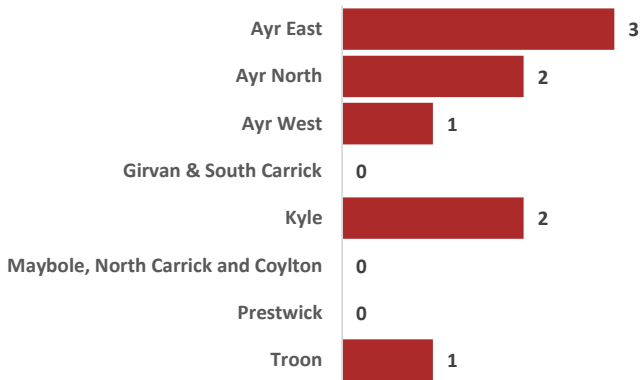
Performance Summary

Year on Year **-10%** 3 Year Average **-17%** 5 Year Average **-8%**

Accidental Dwelling Fire Casualties Year to Date



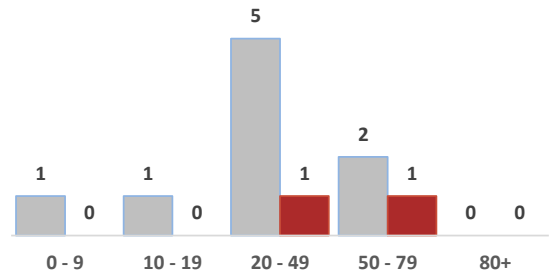
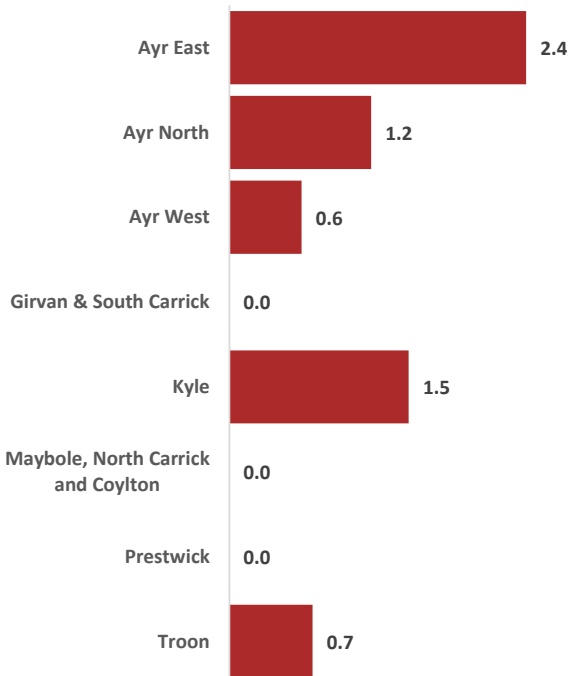
Fire Casualties by Ward Area



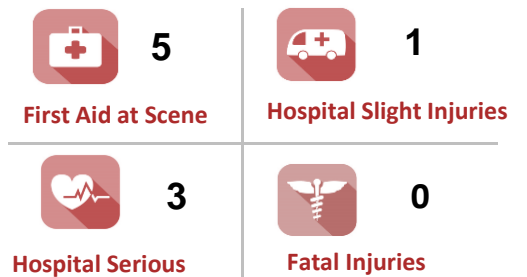
Age / Gender Profile



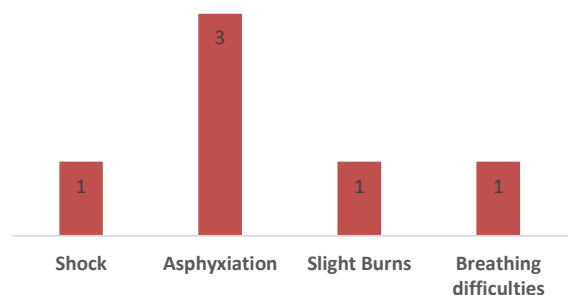
Casualties Per 10,000 Population - South Ayrshire



Extent of Harm



Casualties Per 10,000 Population - Ayrshire



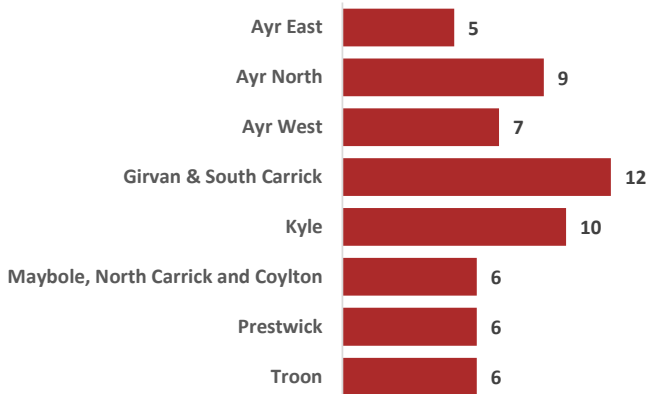
Unintentional Injury or Harm



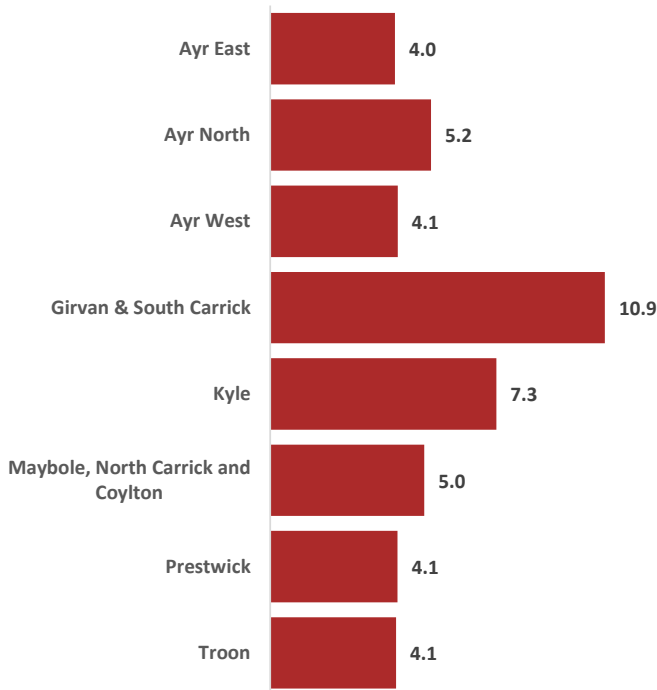
Performance Summary

Year on Year **27%** ◆ 3 Year Average **-22%** ● 5 Year Average **-10%** ●

Non-Fire Casualties by Ward Area



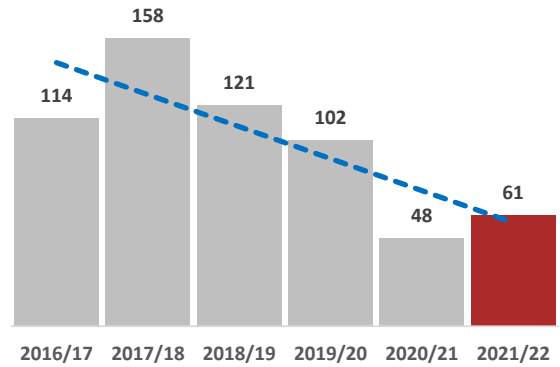
Casualties Per 10,000 Population - South Ayrshire



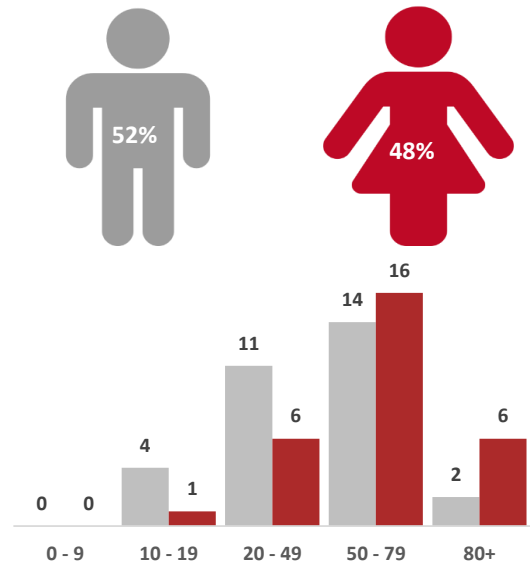
Non-Casualties Per 10,000 Population - Ayrshire



Special Service Casualties Year to Date



Age / Gender Profile



Extent of Harm



2

First Aid at Scene



27

Hospital Slight Injuries



12

Hospital Serious



9

Fatal Injuries



Road Traffic Collision

54%



Water Rescue

0%



Assisting Other Agencies

39%



All Other Incidents

7%

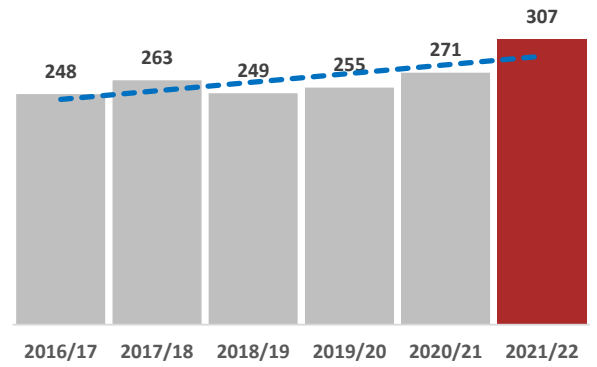
Deliberate Fire Setting



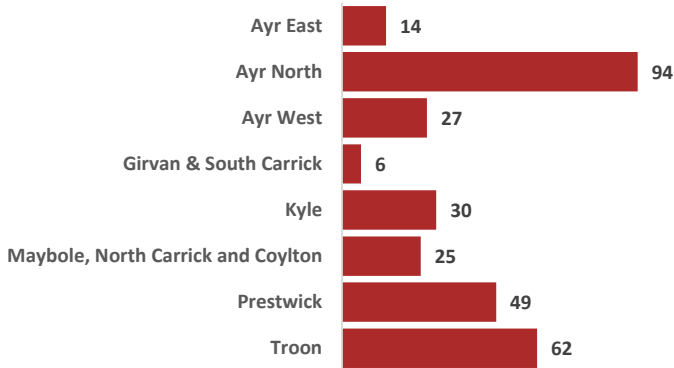
Performance Summary

Year on Year **13%** 3 Year Average **7%** 5 Year Average **5%**

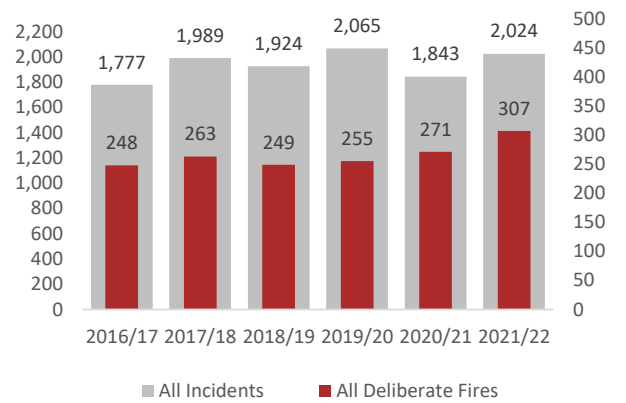
Deliberate Fires Year to Date



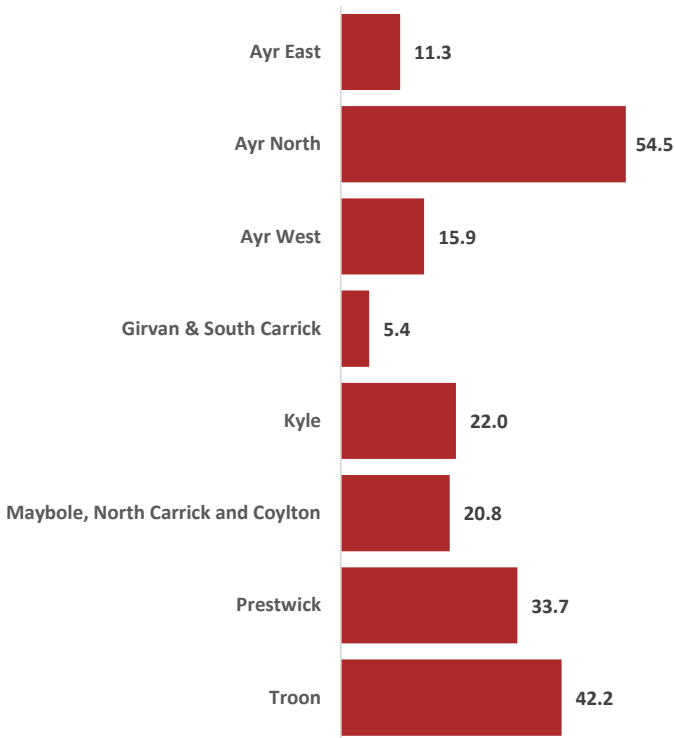
Deliberate Fires by Ward Area



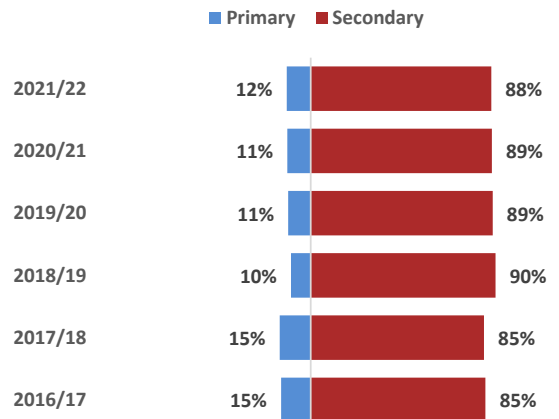
Deliberate Fires Compared to Operational Activity



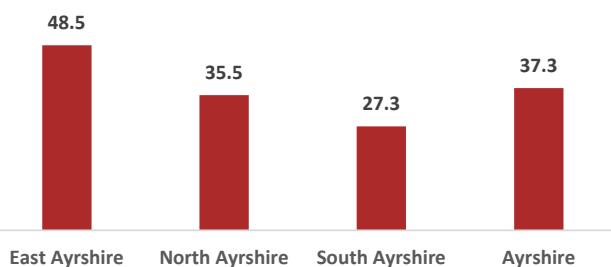
Incidents Per 10,000 Population - South Ayrshire



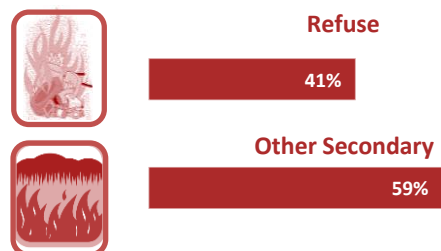
Deliberate Fires by Classification



Incidents Per 10,000 Population - Ayrshire



Secondary Fire Ratio by Activity Type



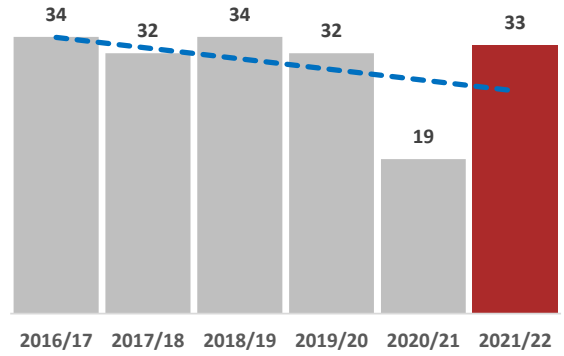
Non-Domestic Fire Safety



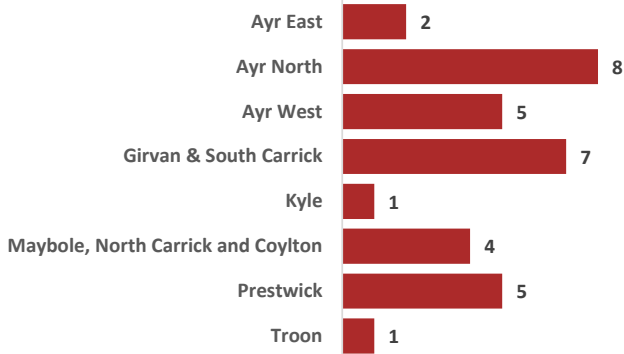
Performance Summary

Year on Year **74%** 3 Year Average **-1%** 5 Year Average **-1%**

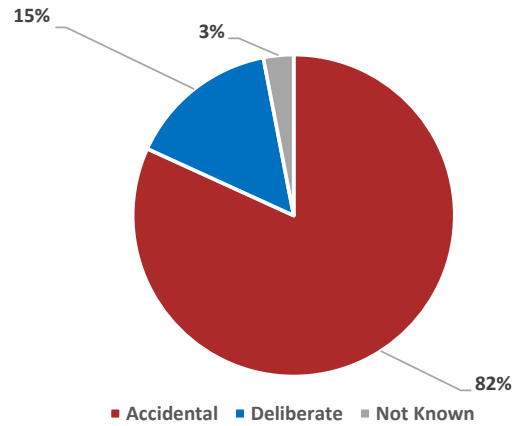
Non-Domestic Fires Year to Date



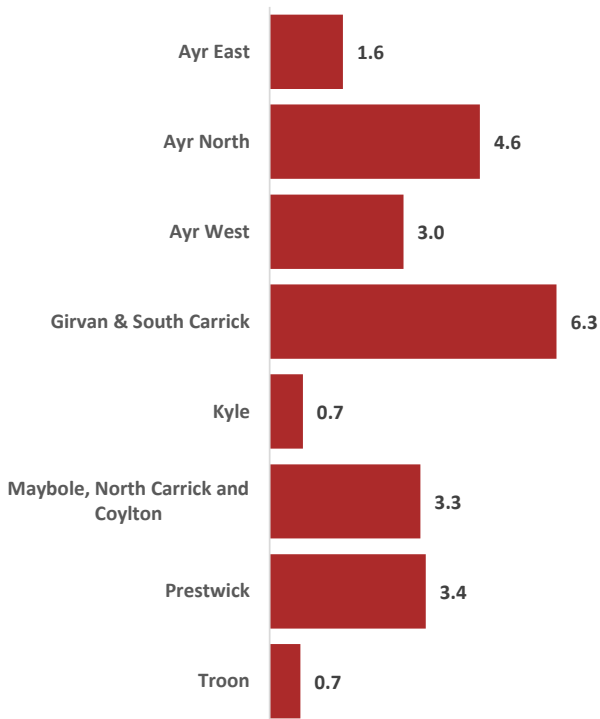
Non-Domestic Fires by Ward Area



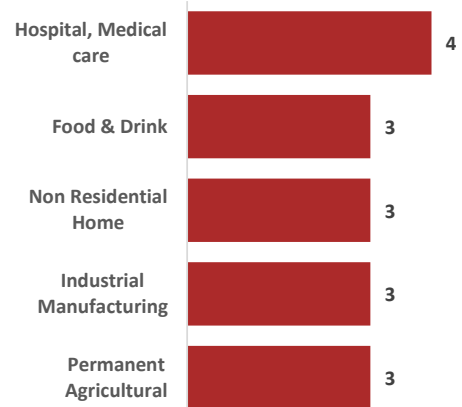
Non-Domestic Fires by Nature of Origin



Incidents Per 10,000 Population - South Ayrshire



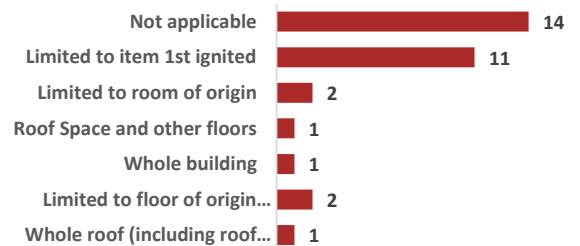
Non-Domestic Fires by Premises Type



Incidents Per 10,000 Population - Ayrshire



Extent of Fire Damage



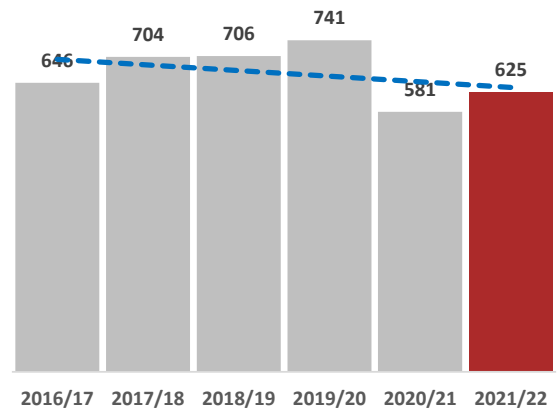
Unwanted Fire Alarm Signals



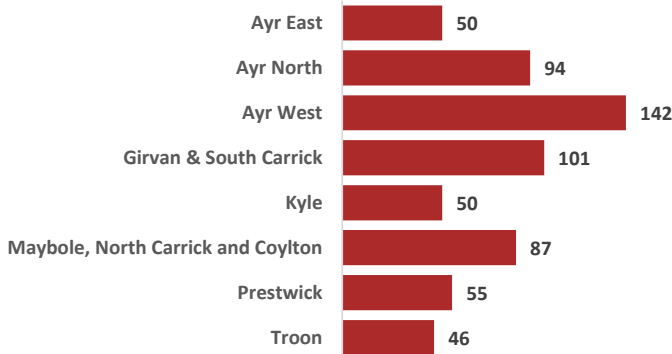
Performance Summary

Year on Year **8%** 3 Year Average **-4%** 5 Year Average **-1%**

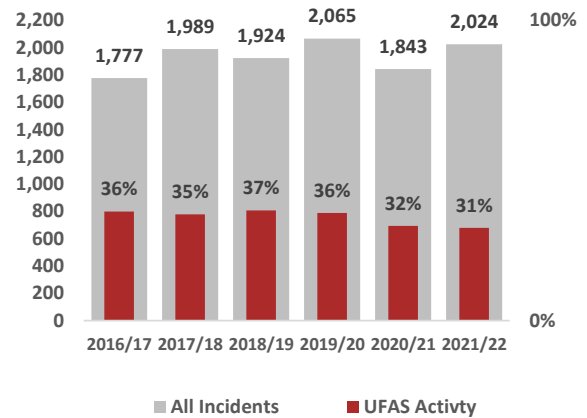
Unwanted Fire Alarm Signals Year to Date



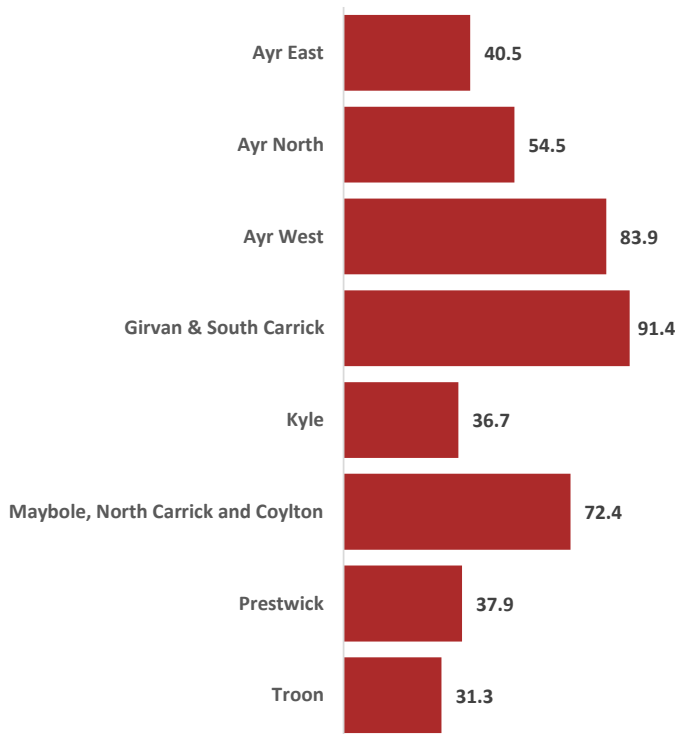
Unwanted Fire Alarms Signals by Ward Area



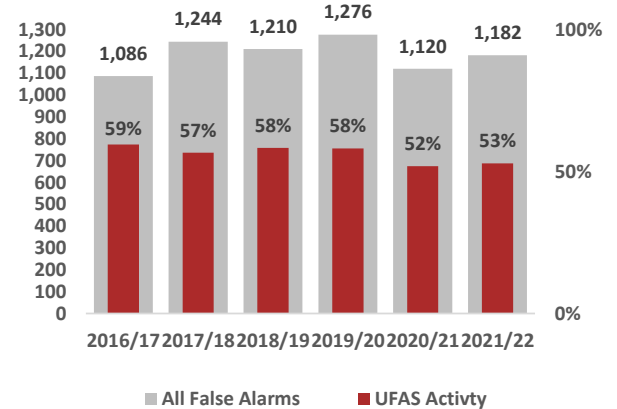
UFAS Percentage Against all Incidents



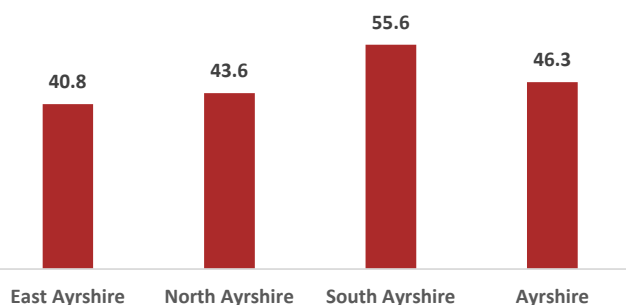
Incidents Per 10,000 Population - South Ayrshire



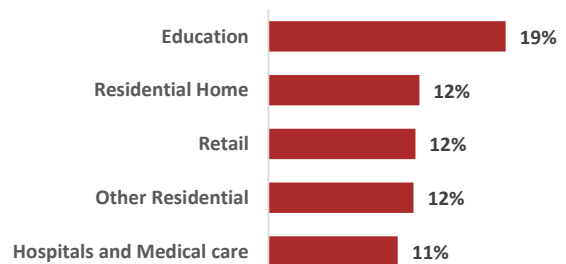
UFAS Percentage Against all False Alarms



Incidents Per 10,000 Population - Ayrshire



Unwanted Fire Alarm Signals - Top 5 Premises



Home Fire Safety Visits



817
Home Fire Safety Visits Carried Out

437
Smoke Detectors Fitted During Home Fire Safety Visits

Percentage of High Risk Home Fire Safety Visits Carried Out
51%

Percentage of Visits Carried Out Following Attendance at an Incident
21%

Fire Safety Audits



Fire Safety Audits Carried Out
162



New Audits
74%



Re-Audits
0%



Post Fire Audits
13%



Complaint Audits
5%



Broadly Compliant **18%**



Areas of Improvement **78%**



Notice of Deficiencies **2%**



Enforcement Notice **1%**



Prohibition Notice **1%**

Retained Duty System

Appliance Availability	Mon - Fri (08:00 - 18:00)	Mon - Thu (18:00 - 08:00)	Weekend (Fri 18:00 - Mon 08:00)	Total
Ayr	49.78%	80.33%	68.73%	66.96%
Maybole	60.10%	73.33%	56.41%	63.16%
Girvan	39.39%	65.65%	39.96%	48.37%
Colmonell	2.68%	69.87%	54.58%	44.23%
Troon - 1	63.32%	89.80%	81.38%	78.81%
Troon - 2	2.86%	39.76%	14.53%	19.48%
South Ayrshire	36.36%	69.79%	52.60%	53.50%
Ayrshire	70.18%	96.28%	90.41%	86.36%

Total Mobilisations	Total Time Deployed	No. of Personnel	Contracts
273	162:31:12	14	975%
346	252:57:10	12	950%
113	94:14:44	6	475%
36	33:27:50	6	500%
323	218:04:56	11	8.5

Glossary of Terms

Term - What it means

ADF

Accidental Dwelling Fire

CSET

Community Safety Engagement Toolkit is an internal IT system used to record home fire safety visits and community safety activities

FSET

Fire Safety Experiential Training is a bespoke training programme developed by the Scottish Fire and Rescue Service in Ayrshire and delivered to community planning partners to raise awareness of fire safety within the domestic environment

HFSV

Home Fire Safety Visit

PDIR

Post Domestic Incident Response, a term used by Prevention and Protection Directorate to indicate actions taken following attendance at a fire or other incident in the home. PDIRs include amongst things the offer of a free follow-up home fire safety visit

Primary Fires

These include all fires in buildings, vehicles and outdoor structures or any fire involving casualties, rescues or fires attended by five or more appliances

RDS

Retained Duty System. Professional on call firefighters who may have other primary employment responsibilities outside the Fire and Rescue Service but respond to emergency calls within their local area as and when required

RTC

Road Traffic Collision

Secondary Fires

These are the majority of outdoor fires including grassland and refuse fires unless they involve casualties or rescues, property loss or fire or more appliances attend. They include fires in single derelict buildings

Special Service

Calls to incidents which are not fires or false alarms such as RTCs, rescues, flooding, incidents involving hazardous materials or the provision of assistance to other agencies

UFAS

Unwanted Fire Alarm Signals. When an automatic fire detection and alarm system is activated as a result of anything other than an actual fire the activation is classed as a false alarm. If an attendance is made to such an event by the Scottish Fire and Rescue Service, then the event is recorded as an UFAS incident

Fire casualties analysis report

2016-17 to 2020-21

(Casualties treated at scene or hospitalised)

Appendix B



Overview of the year

For the period 2020-21

694 non fatal fire casualties



30-49 year olds have the highest number of casualties

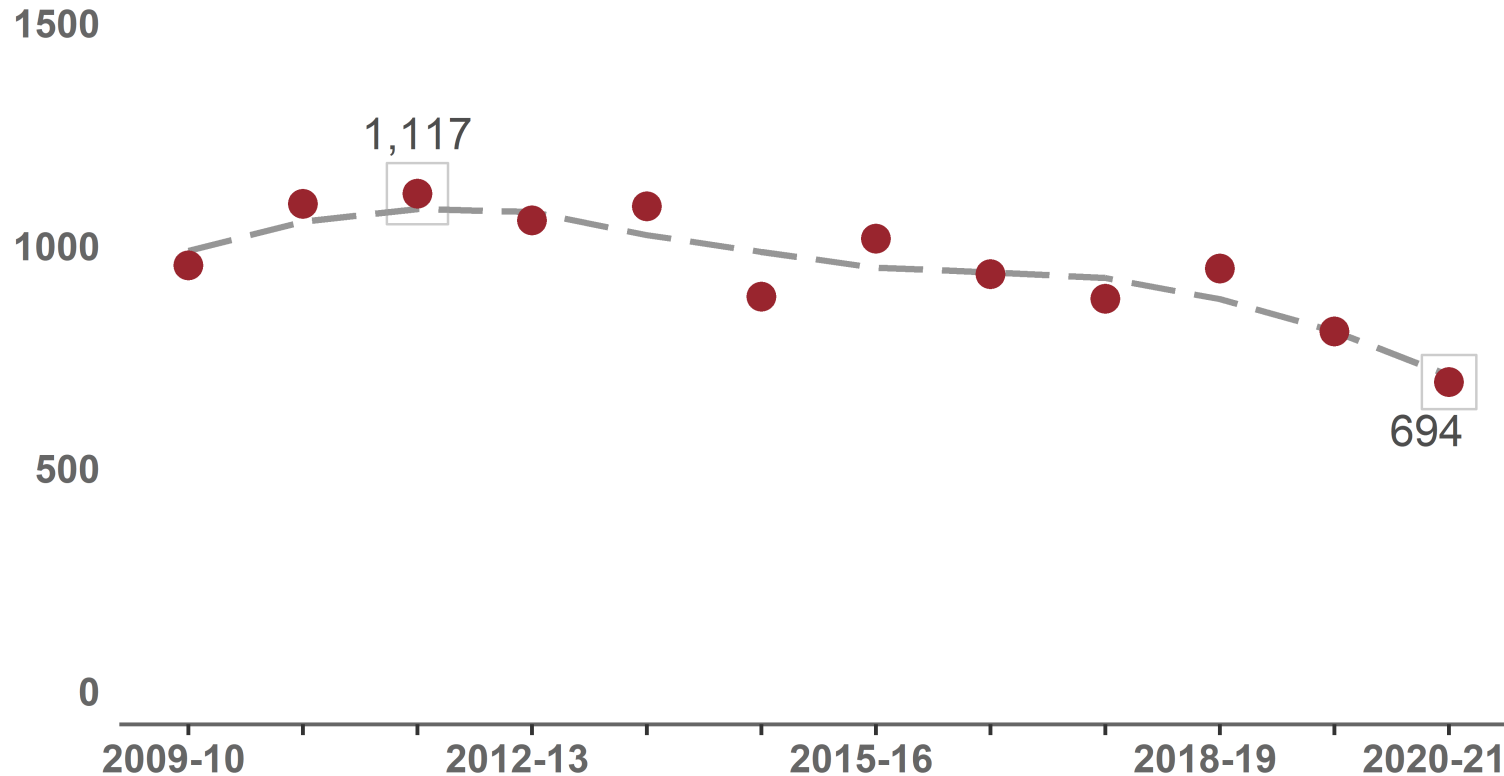
Cooking was the main cause of injuries in fires



80% of fire casualties occurred in **urban areas**

Historical Context

Non-fatal Casualties in Fires



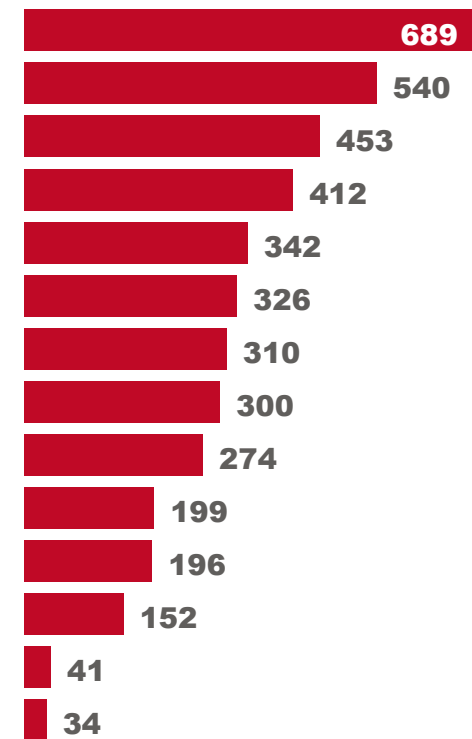
Data from official fire and rescue statistics publication 2020-21

In 2020-21, there were 694 non-fatal fire casualties, down from 808 last year. This is the lowest number of non-fatal fire casualties on record.

Over the last ten years, there has been a 38% reduction in the number of non-fatal casualties.

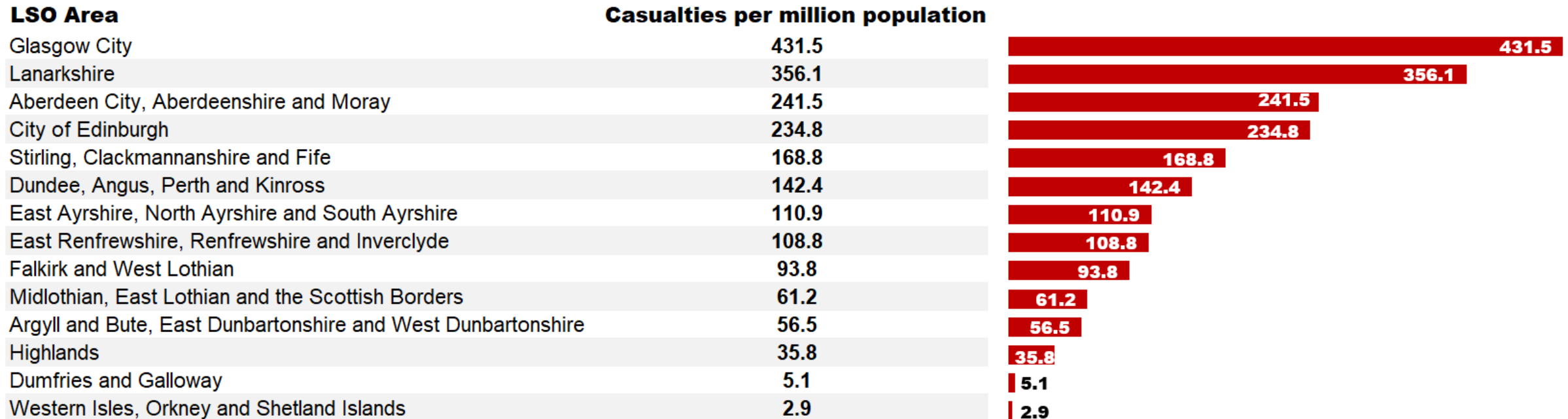
Location - Which LSO Areas had the most casualties?

LSO Area	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Glasgow City	139	153	149	136	112	689
Lanarkshire	96	119	137	91	97	540
City of Edinburgh	121	86	108	91	47	453
Aberdeen City, Aberdeenshire and Moray	76	87	89	90	70	412
Dundee, Angus, Perth and Kinross	79	70	67	68	58	342
Stirling, Clackmannanshire and Fife	91	61	76	52	46	326
East Renfrewshire, Renfrewshire and Inverclyde	62	54	73	54	67	310
East Ayrshire, North Ayrshire and South Ayrshire	68	57	70	47	58	300
Falkirk and West Lothian	55	63	65	45	46	274
Argyll and Bute, East Dunbartonshire and West Dunbartonshire	46	46	33	43	31	199
Midlothian, East Lothian and the Scottish Borders	45	43	36	43	29	196
Highlands	42	28	31	29	22	152
Western Isles, Orkney and Shetland Islands	8	8	4	15	6	41
Dumfries and Galloway	8	6	11	4	5	34
Total	936	881	949	808	694	4268



Location - Which LSO Areas had most casualties per population?

2016-17 to 2020-21



Location - Scottish Index of Multiple Deprivation

2016-17 to 2020-21

Most deprived ← → Least deprived

LSO Area	1	2	3	4	5	Total
Glasgow City	450	126	55	33	25	689
Lanarkshire	259	149	62	41	29	540
City of Edinburgh	141	94	57	55	106	453
Aberdeen City, Aberdeenshire and Moray	71	94	97	91	58	411
Dundee, Angus, Perth and Kinross	143	91	47	49	12	342
Stirling, Clackmannanshire and Fife	131	73	42	59	21	326
East Renfrewshire, Renfrewshire and Inverclyde	169	67	29	24	21	310
East Ayrshire, North Ayrshire and South Ayrshire	155	59	42	26	18	300
Falkirk and West Lothian	74	95	62	29	14	274
Argyll and Bute, East Dunbartonshire and West Dunbartonshire	66	60	32	18	23	199
Midlothian, East Lothian and the Scottish Borders	21	66	65	34	10	196
Highlands	44	30	43	32	3	152
Western Isles, Orkney and Shetland Islands		6	29	6		41
Dumfries and Galloway	7	7	17	3		34
Total	1731	1017	679	500	340	4267
	41%	24%	16%	12%	8%	100%

41%
of all fire casualties
occurred in the
most deprived
areas
(SIMD quintile 1)

Location - Urban, Small Town or Rural?

Urban/Rural Classification	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Large Urban Areas	397	367	405	333	276	1778
Other Urban Areas	360	335	361	298	278	1632
Accessible Rural	76	73	59	68	45	321
Accessible Small Towns	47	51	60	51	47	256
Remote Rural	31	37	36	33	23	160
Remote Small Towns	25	17	28	25	25	120
Not known		1				1
Total	936	881	949	808	694	4268

80% of all fire related casualties in 2020-21 occurred in **urban areas**

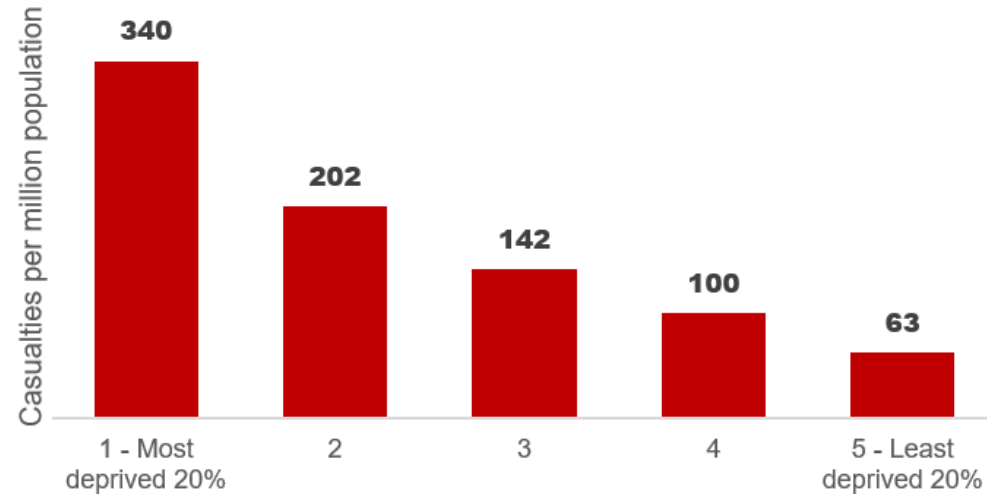
80% of all fire related casualties in the past 5 years occurred in **urban areas**

Urban/Rural Classification (5 Years)

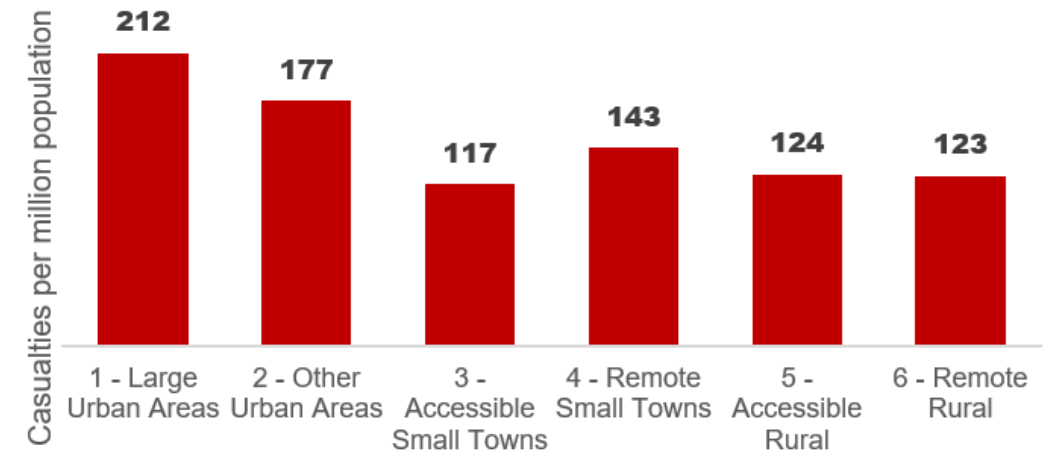


Location - Urban, Small Town or Rural?

Rate of non fatal casualties by SIMD



Rate of non fatal casualties by urban/rural classification



The **most deprived** areas have the highest rate of casualties with **340** casualties per million population.

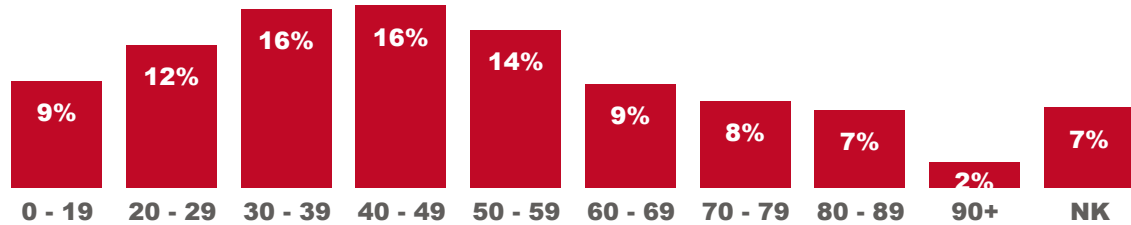
(Based on an 8 year average, charts taken from official statistics 2020-21)

Large urban areas have the highest rate of casualties with **212** casualties per million population.

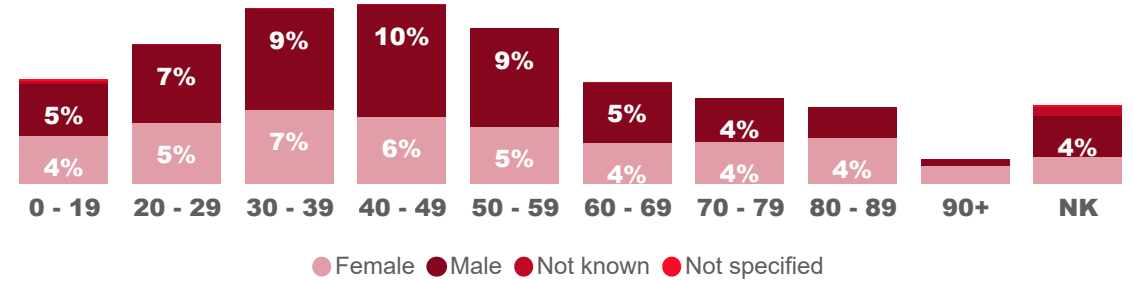
(Based on an 8 year average, charts taken from official statistics 2020-21)

Who's most at risk? Age and Gender

2016-17 to 2020-21



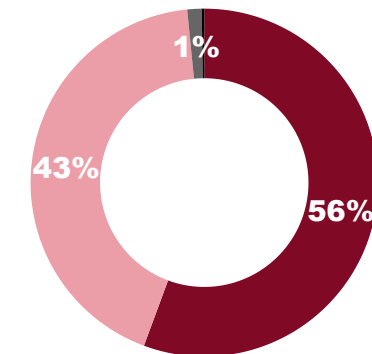
2016-17 to 2020-21



Over the 5 year period **56%** of all casualties were **male**.

30-49 year olds had the highest number of casualties (**32%**)

Fiscal Year	Female	Male	Not known	Not specified	Total
2016-17	410	521	5		936
2017-18	378	493	9	1	881
2018-19	404	528	15	2	949
2019-20	347	442	12	7	808
2020-21	287	391	16		694
Total	1826	2375	57	10	4268

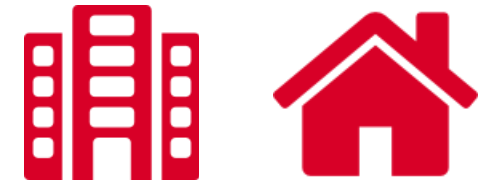
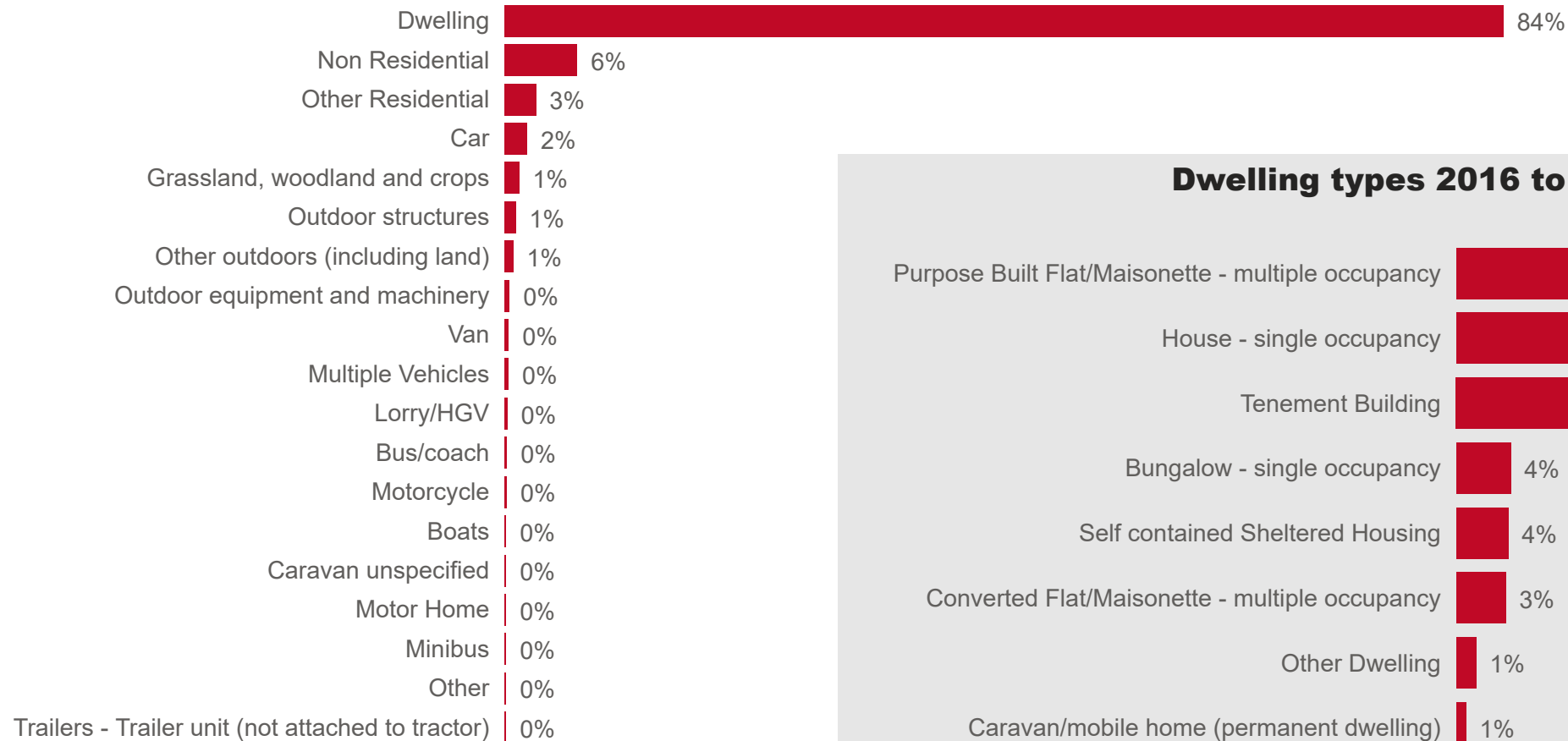


● Male ● Female ● Not known ● Not specified

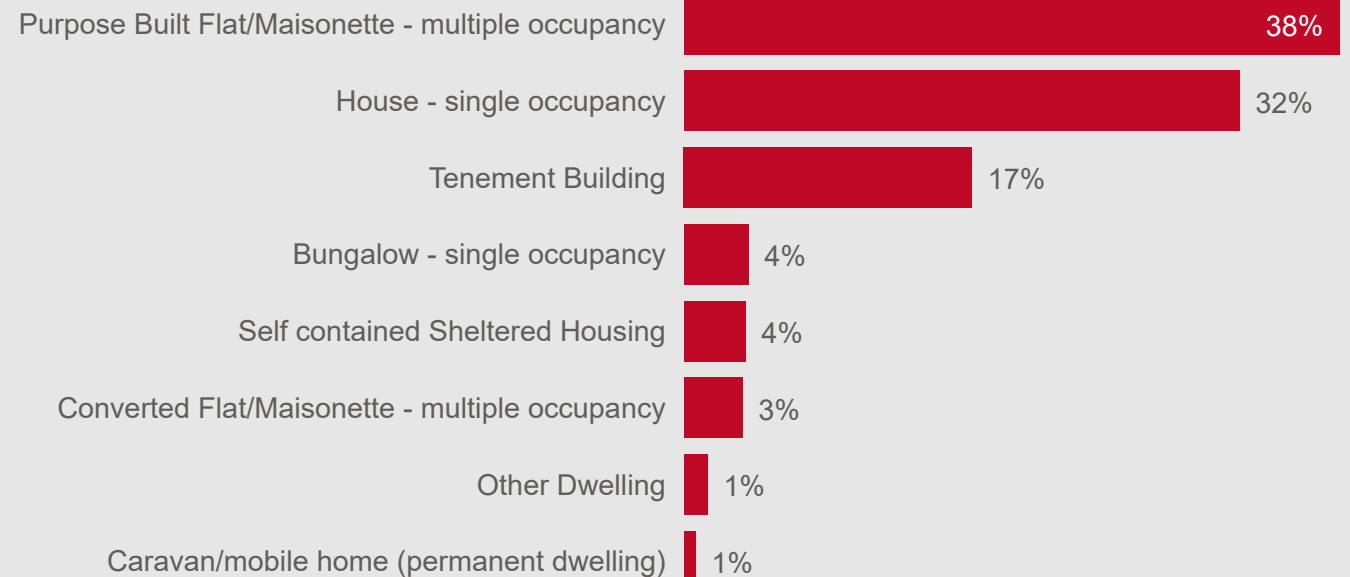


Property types - Where did these casualties occur?

Property types 2016-17 to 2020-21

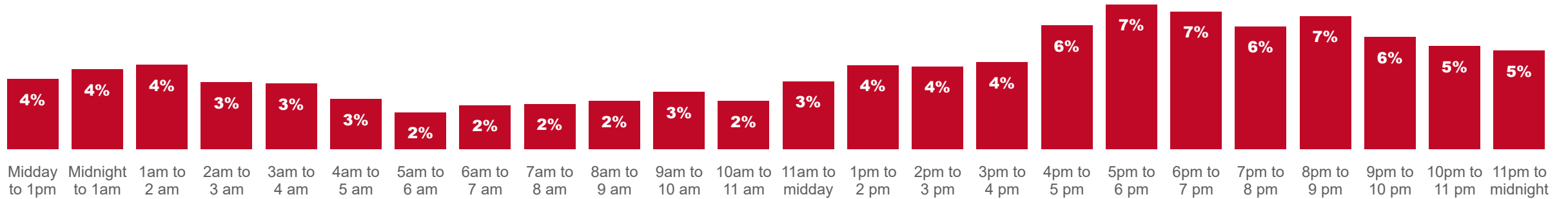


Dwelling types 2016 to 2020-21

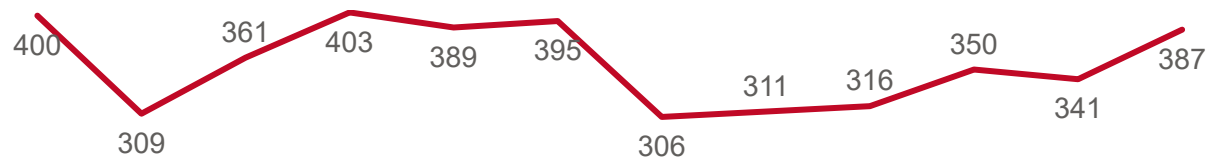


When did these casualties occur?

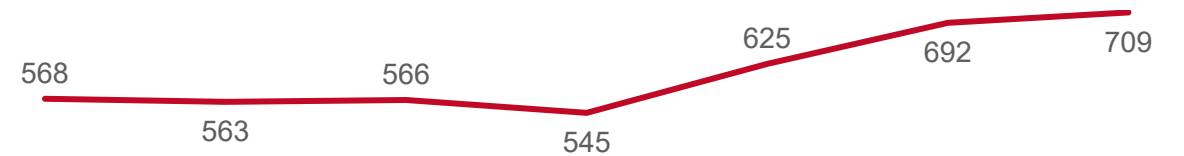
2016-17 to 2020-21



2016-17 to 2020-21


















2016-17 to 2020-21



Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Mon Tue Wed Thu Fri Sat Sun



Main location of fire start (Top 15)

Location of fire start	2016-17	2017-18	2018-19	2019-20	2020-21	Total	
Kitchen	485	424	474	364	331	2078	 56%
Bedroom	104	109	107	104	90	514	 12%
Living room	92	87	81	112	85	457	 11%
Other	36	61	72	44	45	258	 5%
Corridor/Hall	36	41	38	27	16	158	 3%
Bathroom/Toilet	15	15	23	9	8	70	 2%
Engine	21	19	19	5	5	69	 2%
Stairs	15	14	9	20	8	66	 2%
Outdoor	3	10	14	13	18	58	 1%
Under stairs (enclosed, storage area)	12	8	4	19	8	51	 1%
External structures	6	4	12	11	9	42	 1%
In open area next to housing	10	3	9	6	11	39	 1%
Driver/Passenger area	12	8	6	6	6	38	 1%
Garage	4	8	4	8	13	37	 1%
Refuse store	6	7	9	7	7	36	 1%

What are the **causes** of these fires?

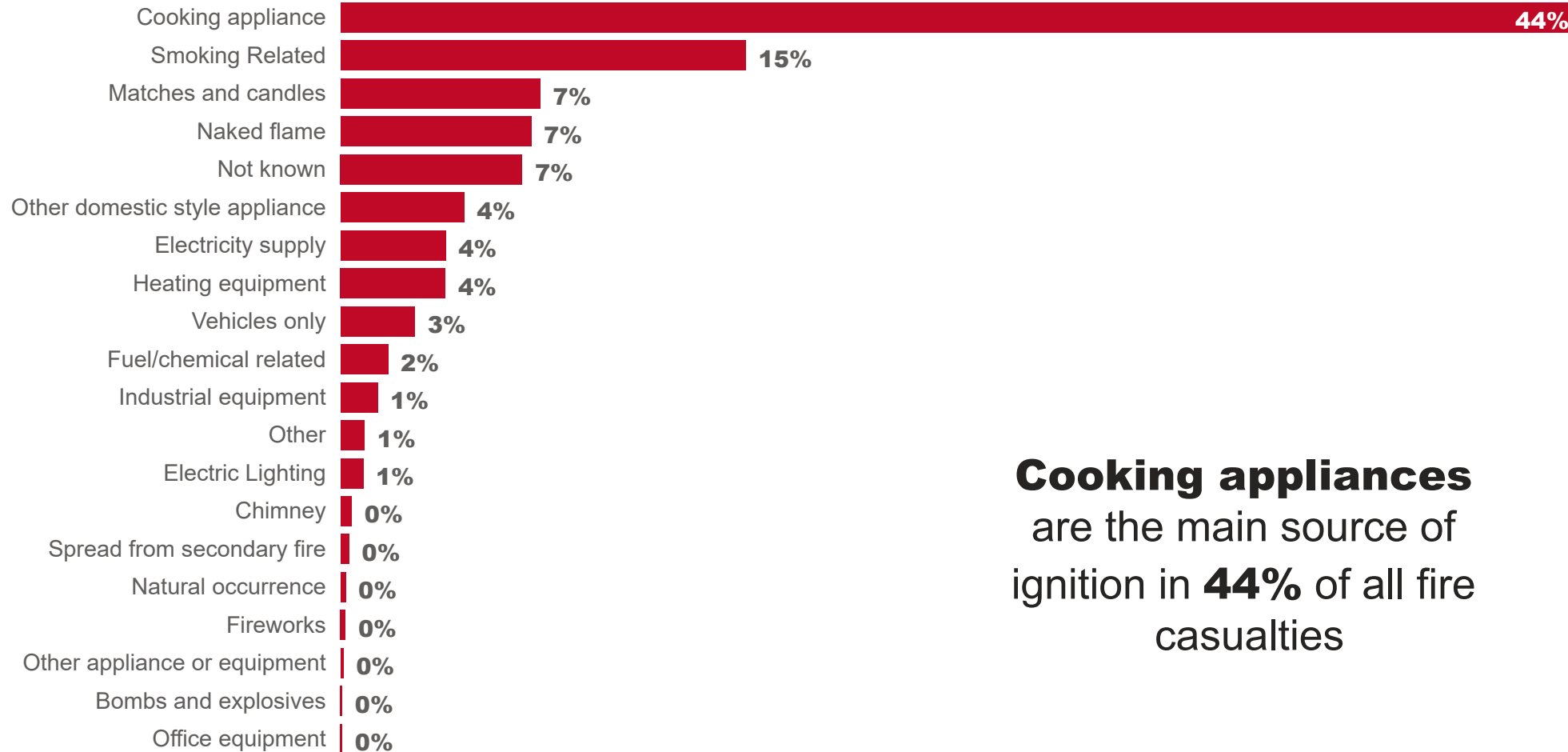
Most Common Causes

Cause	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Cooking - other cooking	235	211	197	174	127	944
Heat source and combustibles brought together deliberately	130	130	131	120	91	602
Cooking - chip pan/deep fat fryer	84	90	118	69	93	454
Combustible articles too close to heat source (or fire) - (and vice versa)	87	83	97	93	77	437
Careless handling - due to sleep or unconsciousness	60	54	55	51	52	272
Careless handling - due to careless disposal	62	68	61	39	30	260
Fault in equipment or appliance	51	43	61	50	38	243
Negligent use of equipment or appliance (heat source)	53	41	51	41	45	231
Overheating, unknown cause	23	30	36	40	22	151
Other	28	20	29	16	32	125
Faulty fuel supplies - Electricity	22	23	31	30	18	124
Accumulation of flammable material	10	24	22	29	9	94
Vehicle crash or collision	19	11	13	10	4	57
Careless handling - due to knocking over	10	13	7	9	16	55
Other intentional burning, going out of control	18	7	5	6	5	41
Suicide/attempted: setting fire to self	9	6	9	4	10	38
Faulty leads to equipment or appliance	9	8	5	8	1	31
Playing with fire (or heat source)	6	2	6	4	5	23
Faulty fuel supplies - Gas	6	5	1	4	4	20
Chimney fire	3	4	7			14
Natural occurrence	1	1	4	3	4	13



What is the **ignition source** of these fires?

2016-17 to 2020-21

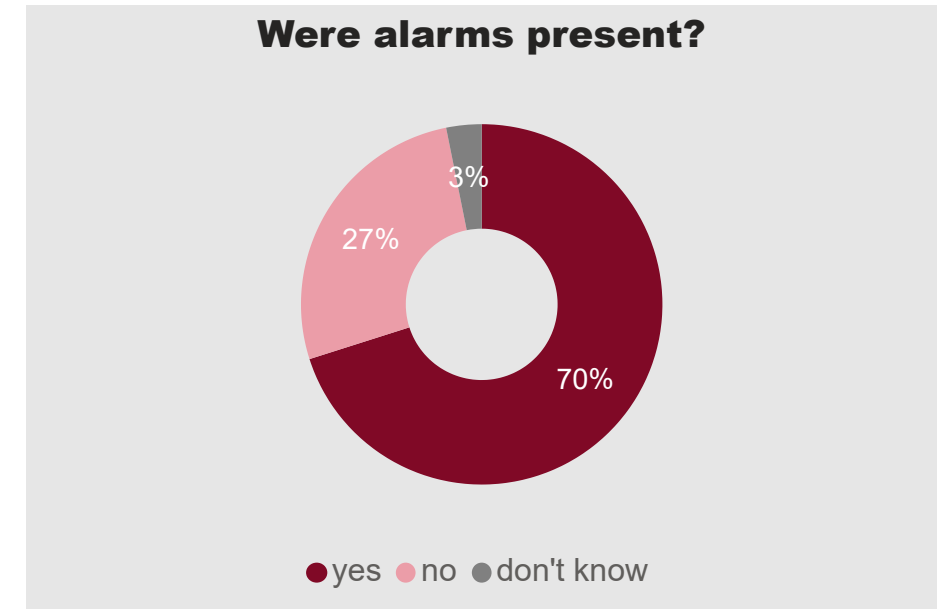
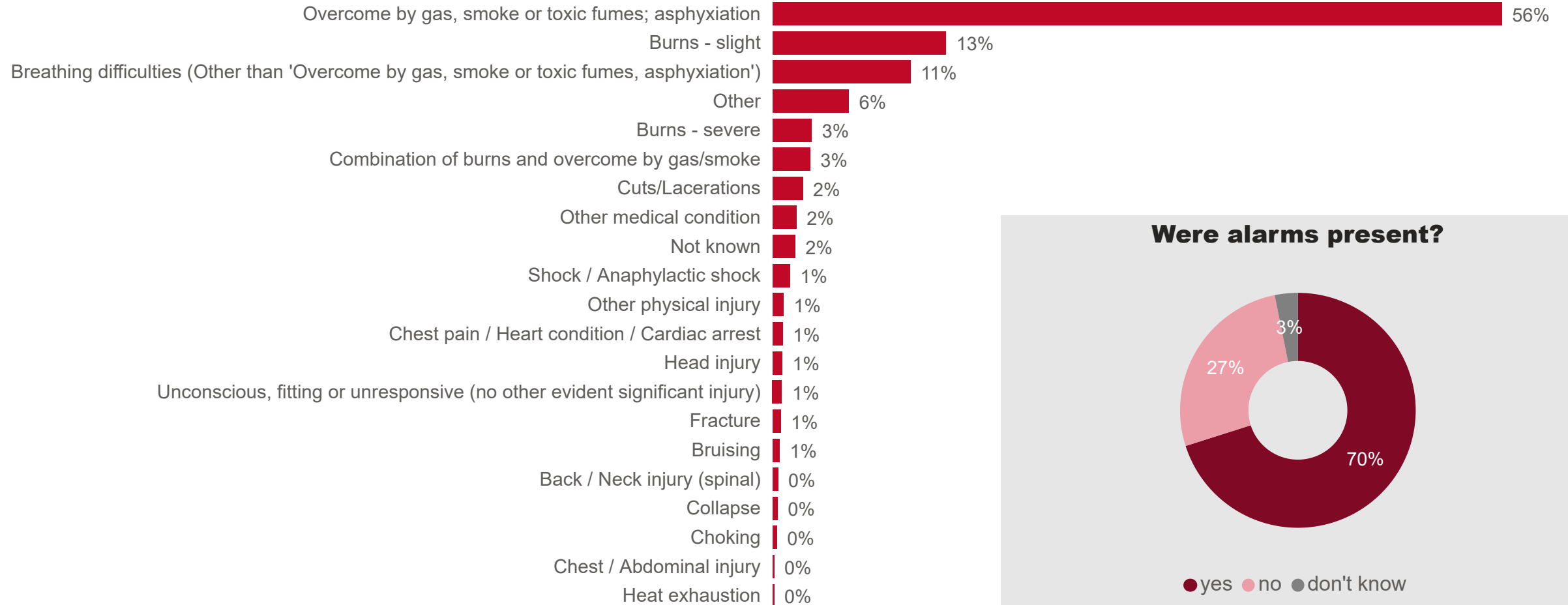


Cooking appliances
are the main source of
ignition in **44%** of all fire
casualties



What is the **nature** of these injuries?

2016-17 to 2020-21



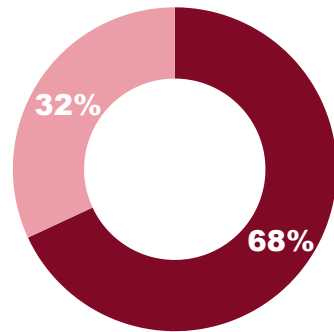
What are the **details** of these casualties?

Severity Of Injury

	2016-17	2017-18	2018-19	2019-20	2020-21	Total
First aid given at scene	413	412	420	367	287	1899
Victim went to hospital, injuries appear to be Slight	314	280	302	247	246	1389
Victim went to hospital, injuries appear to be Serious	56	59	48	49	50	262
Total	759	729	736	639	555	3418

55% of casualties not attending hospital were given **first aid** on scene

Was oxygen provided to the casualty?

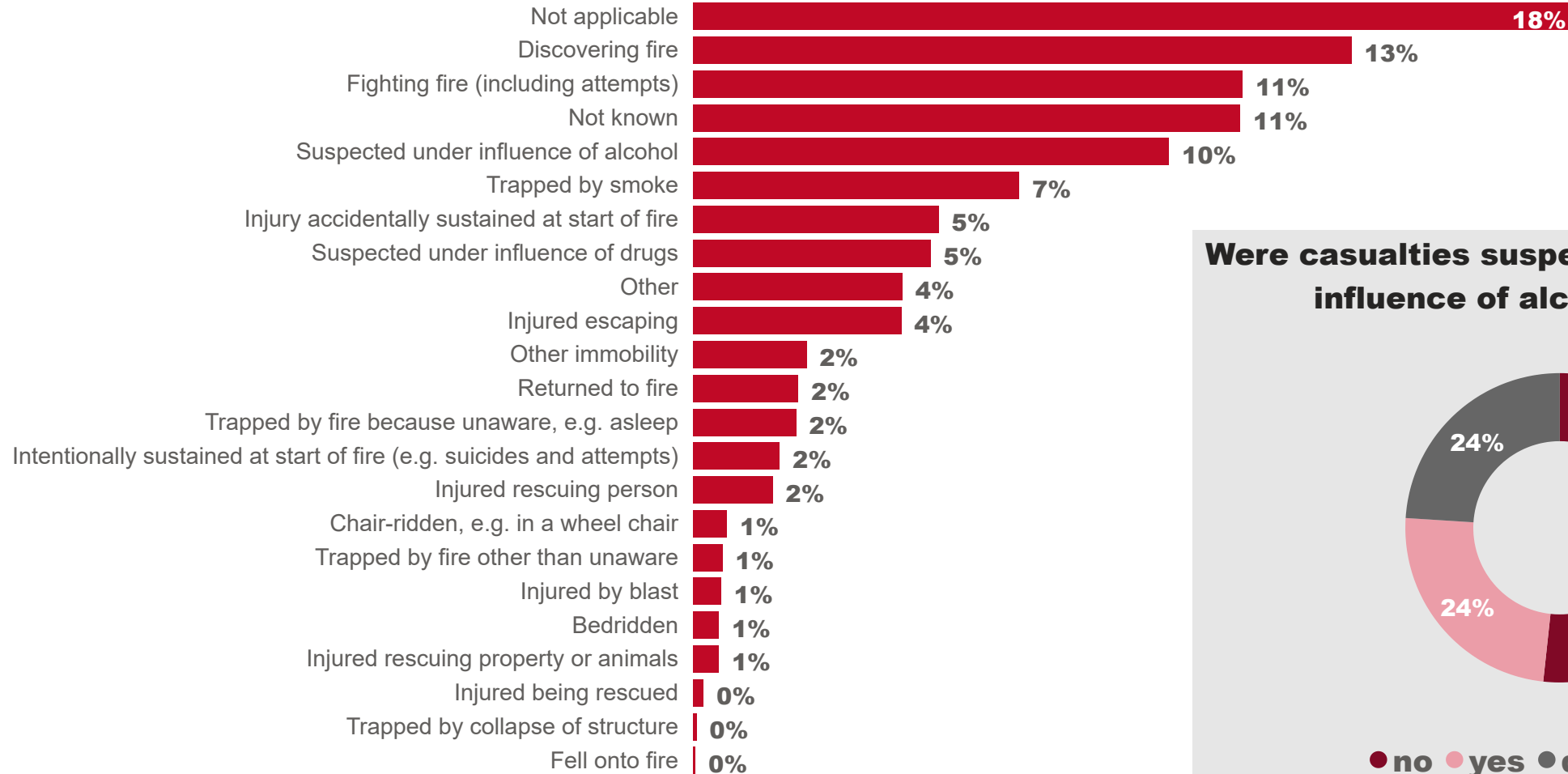


● yes ● no

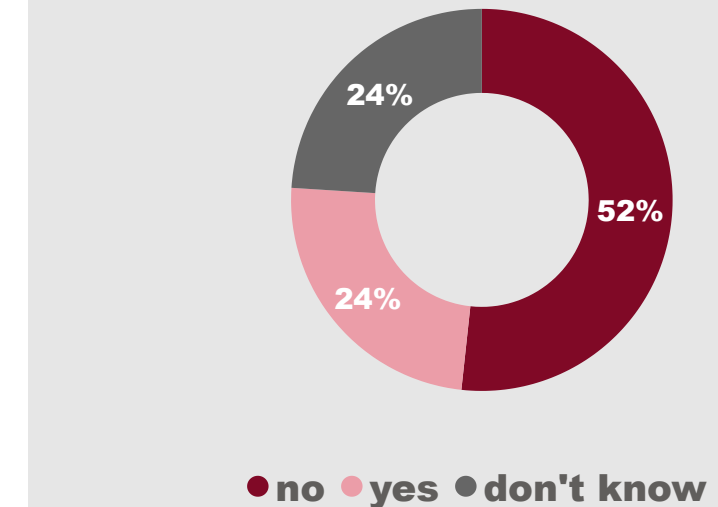
Role of Victim	2016-17	2017-18	2018-19	2019-20	2020-21	Total	Percentage
Resident/Occupant	766	736	747	673	594	3516	82.4%
Employee in workplace	37	31	49	34	18	169	4.0%
Not known	32	22	34	22	27	137	3.2%
Visitor	17	19	35	18	11	100	2.3%
Other	21	21	17	17	16	92	2.2%
Driver	24	18	18	17	10	87	2.0%
Passer by	17	10	20	15	10	72	1.7%
Firefighter on duty	14	18	16	8	6	62	1.5%
Passenger	8	5	10	4	2	29	0.7%
Other emergency service personnel		1	3			4	0.1%
Total	936	881	949	808	694	4268	100.0%

What are the **circumstances** of these casualties?

2016-17 to 2020-21



Were casualties suspected to be under the influence of alcohol or drugs?





Data visualisation produced by Business Intelligence
Based on IRS data

BI@firescotland.gov.uk

07 April 2022