



Health and Safety Statistical Analysis Report for **2019/2020**

Issue: 002 **Draft**

Date: 10th June 2020

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1. Introduction

This report deals with data provided by those Member Organisations* that have volunteered to provide information on injuries and dangerous occurrences reported by them to the Health and Safety Executive (HSE) in accordance with the Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013 (RIDDOR). The data was collected in the period 01 April 2019 to 31 March 2020.

*A Member Organisation is defined as a home building company that is represented on the Home Builders Federation (HBF) Health and Safety Committee.

These data have been analysed in various ways and a written summary is contained in this report. The scope of the reporting covers all locations under the control of each Member Organisation with the exception of locations operated by main contractors employed by a Member Organisation as a 'Principal Contractor' under the Construction (Design and Management) Regulations 2015.

2. General Data

- 27 Member Organisations contributed their data during the year (27 contributed last year).
- The 27 Member Organisations reported an average number employed of **152,633** people resulting in a 4% decrease on last year (the 27 member organisations employed an average of 158,870 in 2018/2019).

Table 2.1: Member Organisations and Average Number Employed

	2019/ 2020	2018/ 2019	2017/ 2018	2016/ 2017	2015/ 2016
Number of Member Organisations	27	27	25	23	23
Average Number Employed ¹	152,633	158,870	143,366	120,280	117,912

¹ the average number employed is calculated over the same period as the data. The figure includes Member Organisation payroll employees as well as contractor and agency staff carrying out work for Member Organisations. It does not include:

- Visitors to Member Organisation locations
- Members of the public
- Delivery drivers to Member Organisation locations
- Contractors employed by the Member Organisation as a 'Principal Contractor' under the CDM Regulations

3. Reportable Injuries

Directly employed

- There were **no** fatal injuries during the year – zero for the 11th consecutive year.
- There were **42** ‘major injuries’ (*up 33% on last year’s 28*).
- There were **50** ‘over 7 day injuries’ (*down 39% on last year’s 82*)

Subcontractors

- There were **3** fatal injuries during the year, (2 occurred last year).
- There were **131** ‘major injuries’ (*down 2% on last year’s 134*)
- There were **175** ‘over 7 day injuries’ (*down 17% on last year’s 210*)

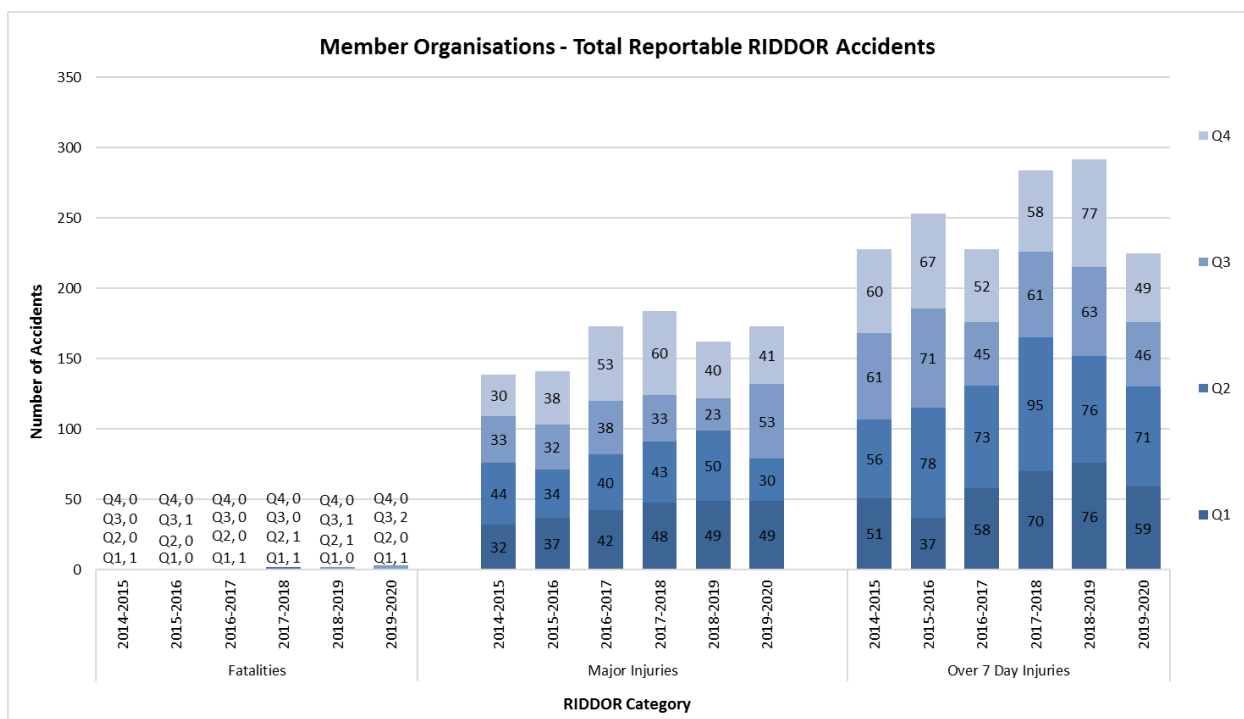
All reported injuries

The total number of injuries reported to the HSE during the year was **401** (down 12% on last year’s 456). The relevant data are given in Table 3.1 and Figure 3.1a below.

Table 3.1: Annual Injury Incident Rate Reported Injuries (employed and subcontractors)

	2019/ 2020	2018/ 2019	2017/ 2018	2016/ 2017	2015/ 2016
Fatalities	3	2	2	1	1
Major Injuries	173	162	184	173	141
Over 7 Day Injuries	225	292	284	228	253
Total	401	456	470	402	395

Figure 3.1a: All Reported Injuries (employed and subcontractors) by RIDDOR Category



4. Annual Injury Incidence Rate (AIIR)

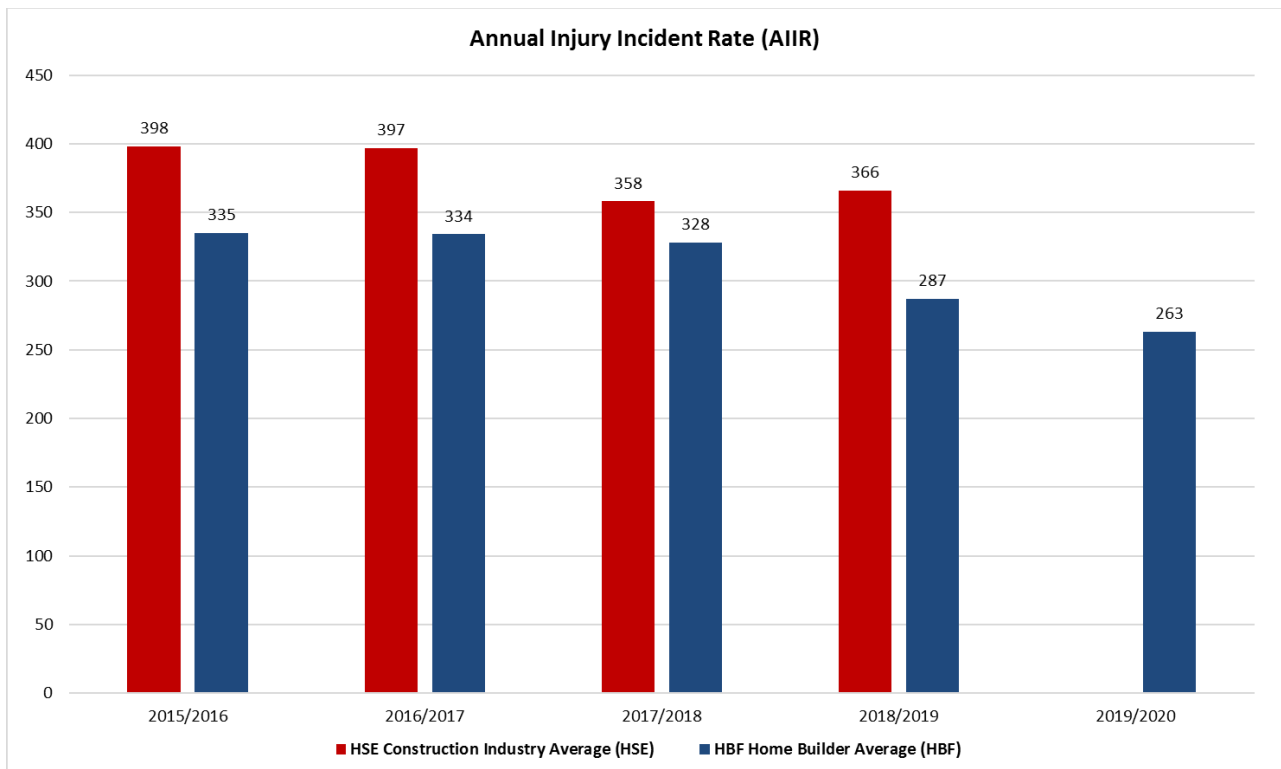
The 'Home Builder' AIIR for 2019/2020 was **263***, the previous year it was 287.

**401 incidents divided by an average number employed of 152,633 multiplied by 100,000 = 263*

The Construction Industry AIIR for the same period has not yet been published. HSE's figures will be published and included in November 2020.

Figure 4.1a compares the Home Builder Federation's AIIR with the HSE's Construction Industry's AIIR between 2015 and 2020.

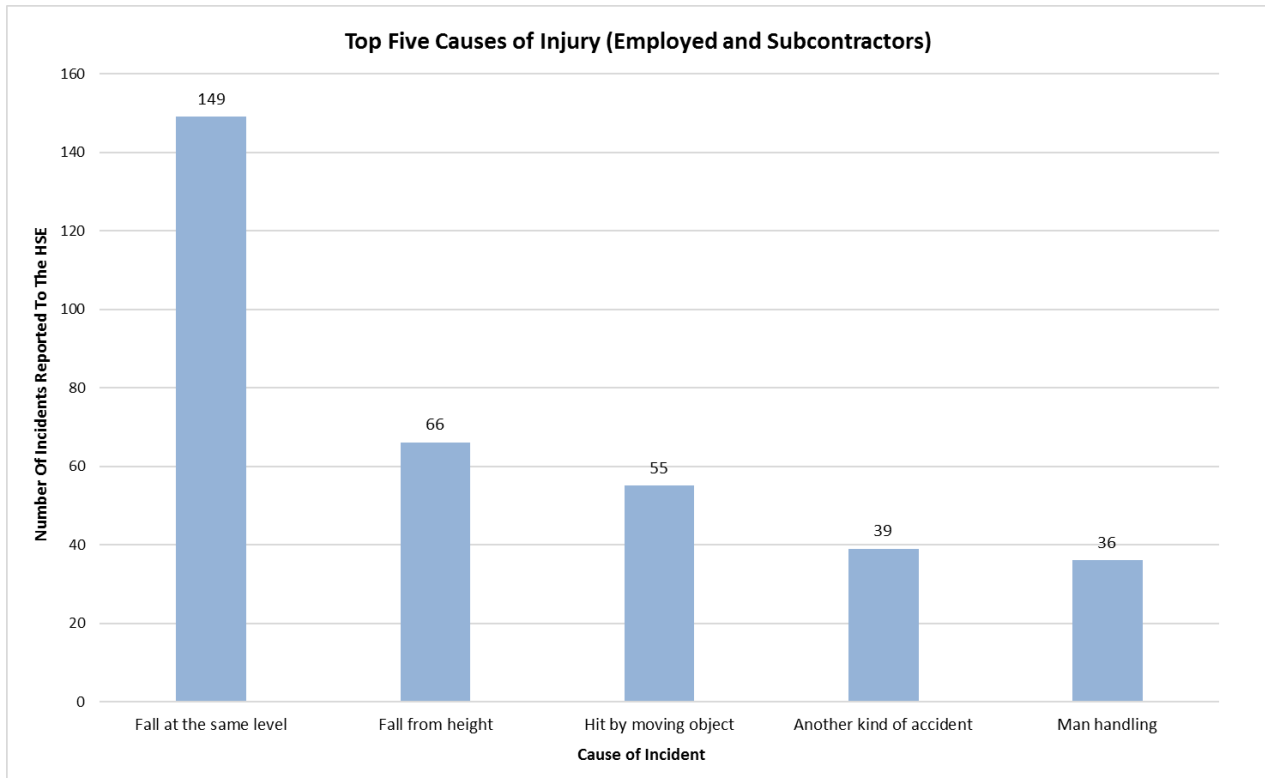
Figure 4.1a: Annual Injury Incidence Rate for the periods 2015/16 to 2019/2020



5. Causes of Injury

Falling at the same level accounted for 37% of all incidents (directly employed and contractors) reported to the HSE in accordance with RIDDOR. Figure 5.1a below details the top five causes of injury by number reported (calculated by combining Figure 5.1 and 5.2):

Figure 5.1a: Top Five Causes of Injury (employed and subcontractors)



Fatal Injuries

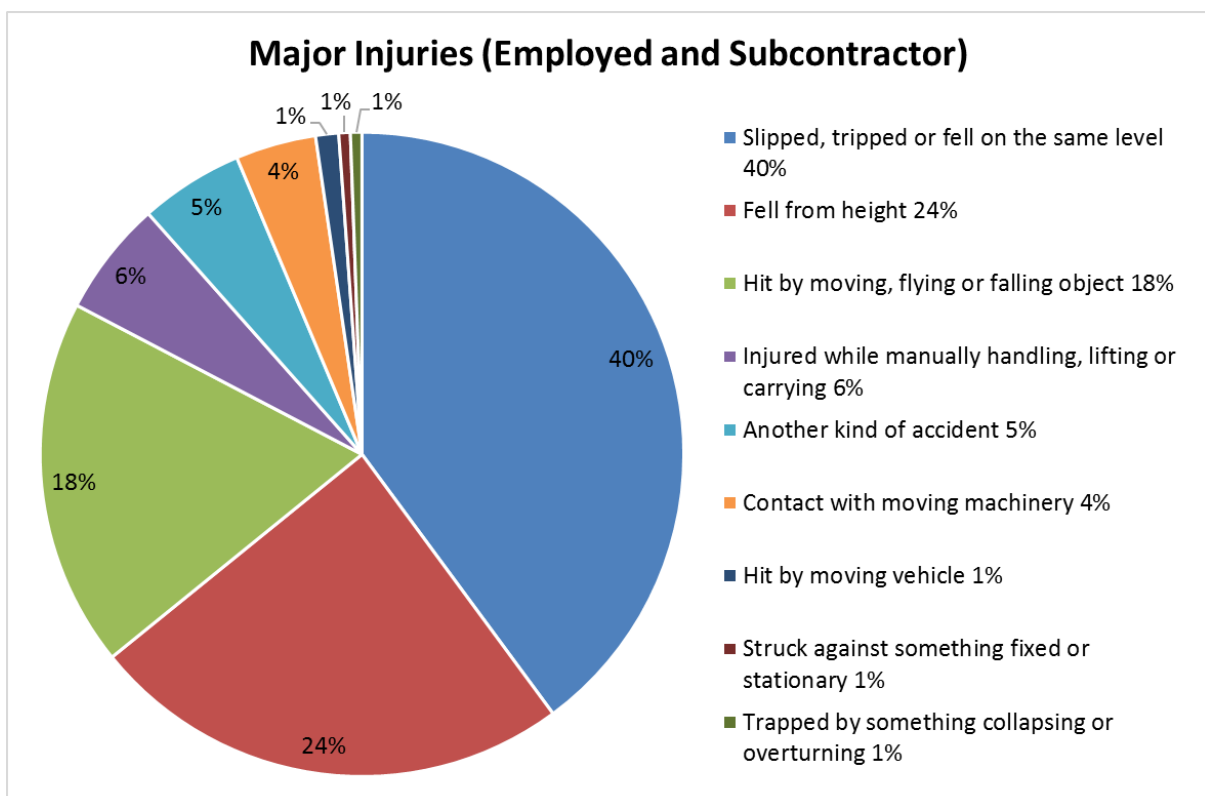
There were three fatal injuries. The first involved being hit by moving vehicle, the second involved fall from heights and the third involved being trapped by something collapsing or overturning.

Major Injuries

Table 5.1 The figures below provide information on the causes of major injuries to employed staff and subcontractors by reporting year.

Table 5.1: Major Injuries (employed and subcontractors)

	2019/ 2020	2018/ 2019	2017/ 2018	2016/ 2017	2015/ 2016
Slipped, tripped or fell on the same level	69	71	71	68	53
Fell from height	42	52	46	40	44
Hit by moving, flying or falling object	32	15	25	29	18
Injured while manually handling, lifting or carrying	10	7	10	8	7
Another kind of accident	9	9	7	9	5
Contact with moving machinery	7	3	13	6	6
Hit by moving vehicle	2	1	3	6	5
Struck against something fixed or stationary	1	0	5	2	1
Trapped by something collapsing or overturning	1	3	4	4	2
Contact with and electrical discharge	0	0	0	0	0
Drowned or asphyxiated	0	0	0	0	0
Exposed to explosion	0	0	0	0	0
Exposed to fire	0	1	0	0	0
Exposed to or contact with a harmful substance	0	0	0	0	0
Injured by an animal	0	0	0	0	0
Physically assaulted by a person	0	0	0	1	0
Total	173	162	184	173	141

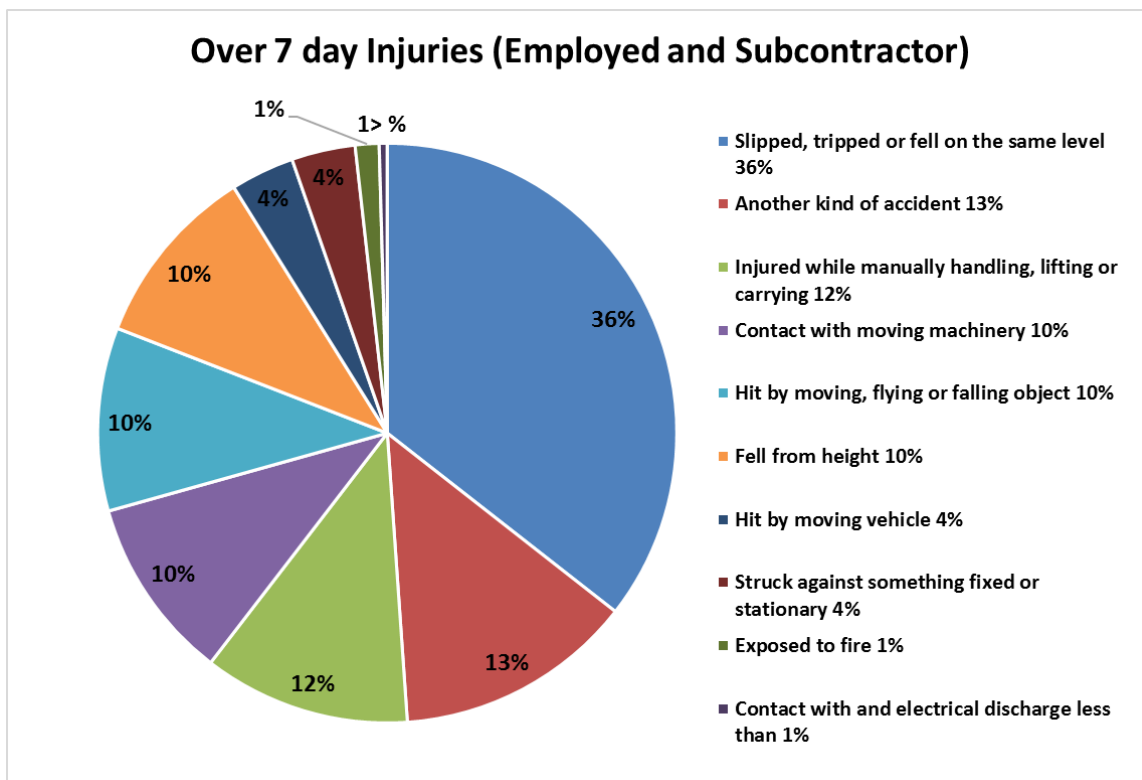


Over 7 Day Injuries

Table 5.2 The figures below provide information on the causes of 'over 7 day injuries' to employed staff and subcontractors by reporting year.

Table 5.2: Over 7 Day Injuries (employed and subcontractors)

	2019/ 2020	2018/ 2019	2017/ 2018	2016/ 2017	2015/ 2016
Slipped, tripped or fell on the same level	80	111	104	80	90
Another kind of accident	30	37	37	33	37
Injured while manually handling, lifting or carrying	26	39	35	21	29
Fell from height	23	32	36	32	40
Contact with moving machinery	23	20	24	16	11
Hit by moving, flying or falling object	23	38	28	33	31
Struck against something fixed or stationary	8	8	11	7	8
Hit by moving vehicle	8	4	2	3	1
Exposed to fire	3	0	1	0	0
Contact with electrical discharge	1	0	1	1	2
Drowned or asphyxiated	0	0	0	0	0
Exposed to explosion	0	0	0	0	0
Exposed to or contact with a harmful substance	0	1	2	1	1
Injured by an animal	0	0	0	0	0
Physically assaulted by a person	0	0	1	0	0
Trapped by something collapsing or overturning	0	2	2	1	3
Total	225	292	284	228	253



6. Data on Slips, Trips and Falls on the Same Level

Of the 401 incidents reported to the HSE (see table 3.1) **149 were attributable to slips, trips and falls on the same level**. Member Organisations were asked to submit data on these incidents and 145 reports were received. Table 6.1 summarises the analysis carried out.

Table 6.1: Summary of Causes

There has been a total of 145 Slips, Trips and Falls on the same level	5(A) Slip, no fall	5(B) Slip, fall	(5C) Trip, no fall	5(D) Trip, fall	5(E) Fall	Totals
Materials	2	7	4	16	0	29
Rough/Uneven Ground	7	6	5	9	1	28
Other	1	7	5	6	3	22
Scaffold use	3	3	5	4	2	17
Steps / Stairways	1	8	1	5	1	16
Wet Floor	1	6	1	0	0	8
Roof work	0	3	0	2	1	6
Holes	3	2	0	0	0	5
Vehicles	0	3	0	1	0	4
Doorways / Exits	0	0	0	2	0	2
Ditches / Trenches	0	1	0	0	1	2
Waste	0	0	0	2	0	2
Ice / Snow	0	2	0	0	0	2
Tools	1	1	0	0	0	2
Wet Ground	2	0	0	0	0	2
Footwear	0	1	0	0	0	1
Unknown	0	1	0	0	0	1
Ladder use	0	0	0	0	0	0
Flora	0	0	0	0	0	0
Stepladders	0	0	0	0	0	0
Totals	21	51	21	47	9	149

It can be seen from Table 6.1 that the main four causes (contributing to 24% of the total) from falls at same level are:

- Materials
- Rough and uneven ground
- Other
- Scaffold use

Further details are given in figures 6.1a and 6.1b

Figure 6.1a: Pie Chart for the number of key Slips, Trips and Falls categories

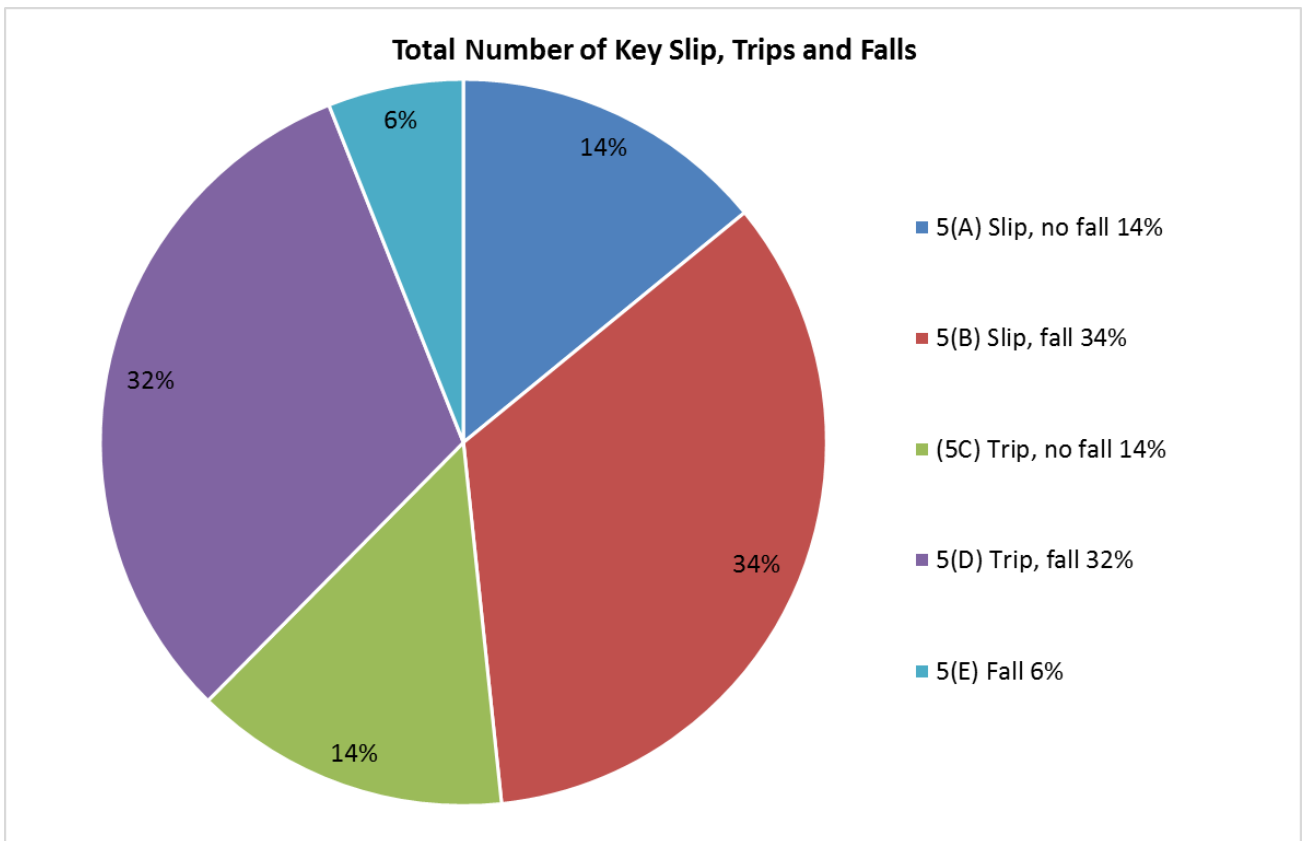
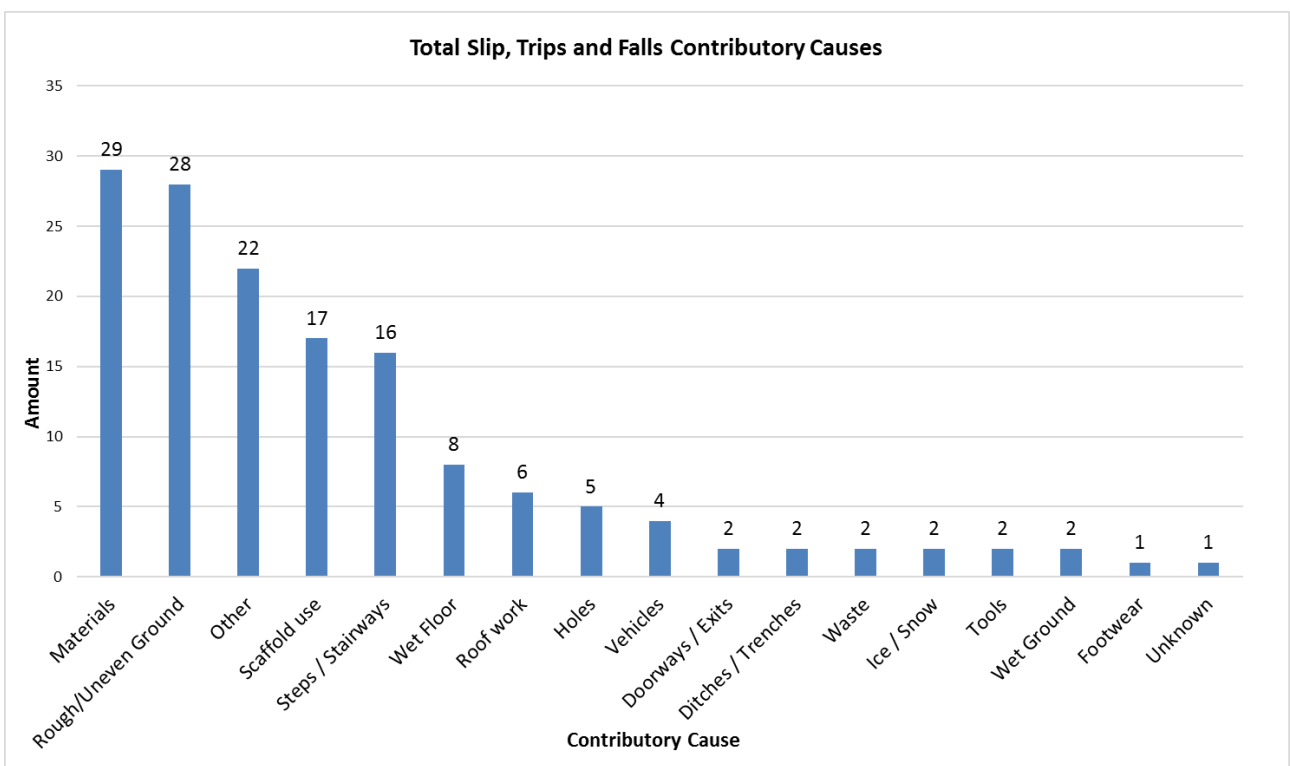


Figure 6.1b: Bar chart of Slips, Trips and Falls Contributory Causes



7. Data on Fall from Heights

Of the 401 incidents reported to the HSE (see table 3.1) **66 were attributable to falls from heights** (See Figure 5.1 and Figure 5.2). Member organisations were asked to submit additional data on these incidents and 66 reports were received out of the 66 incidents. The tables below summarise the analysis carried out.

Table 7.1: RIDDOR Category for Falls from Heights

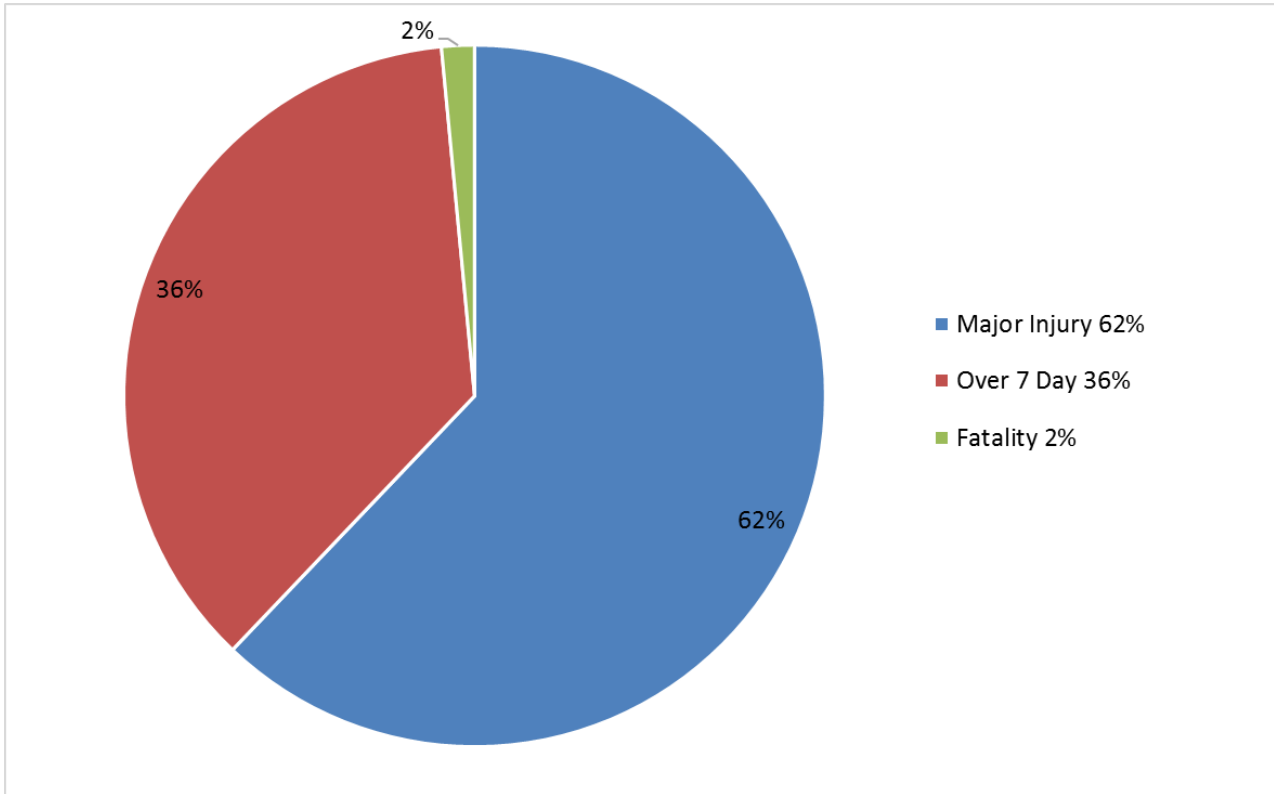


Table 7.2: Trade Injured in Falls from Heights Accidents

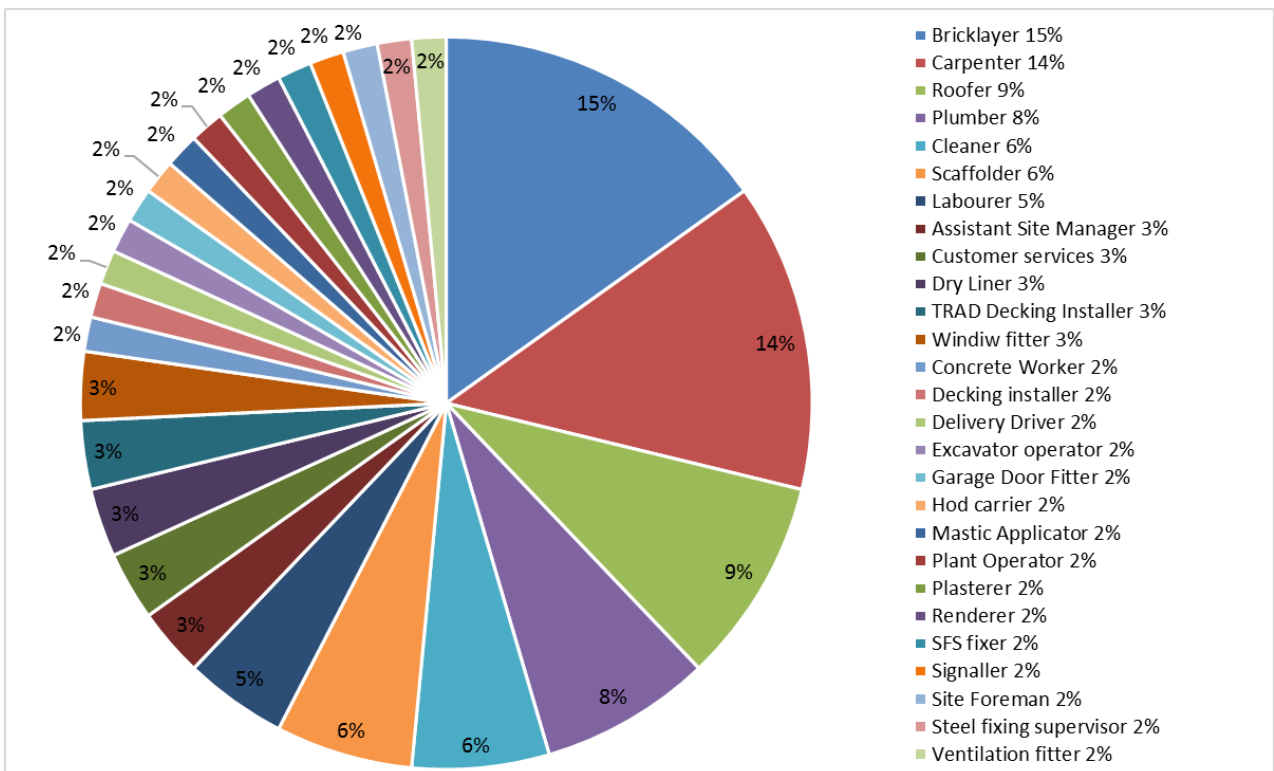


Table 7.3: Type of Falls from Heights Accidents

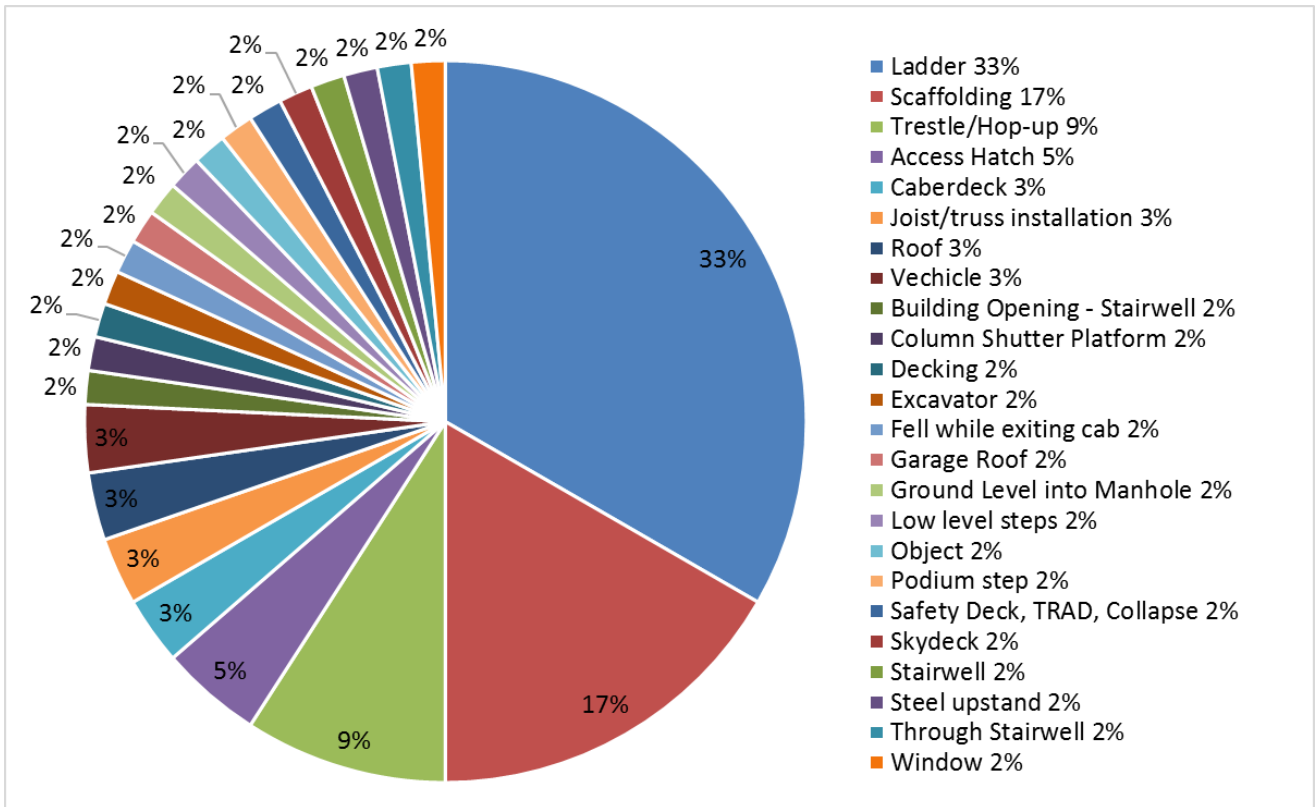


Table 7.4: Injury Outcome from Falls from Heights

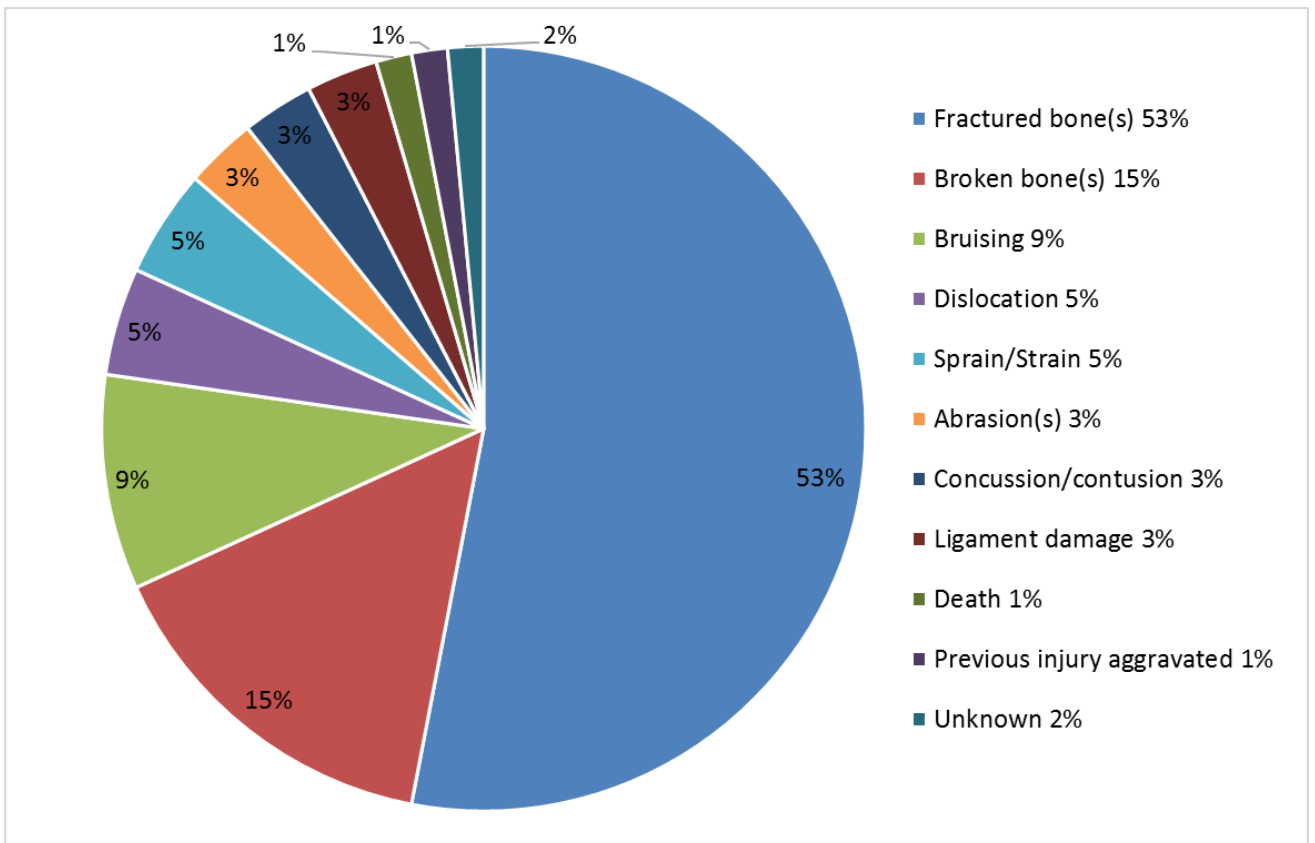


Table 7.5: Leading Falls from Heights Accidents Causation Factors

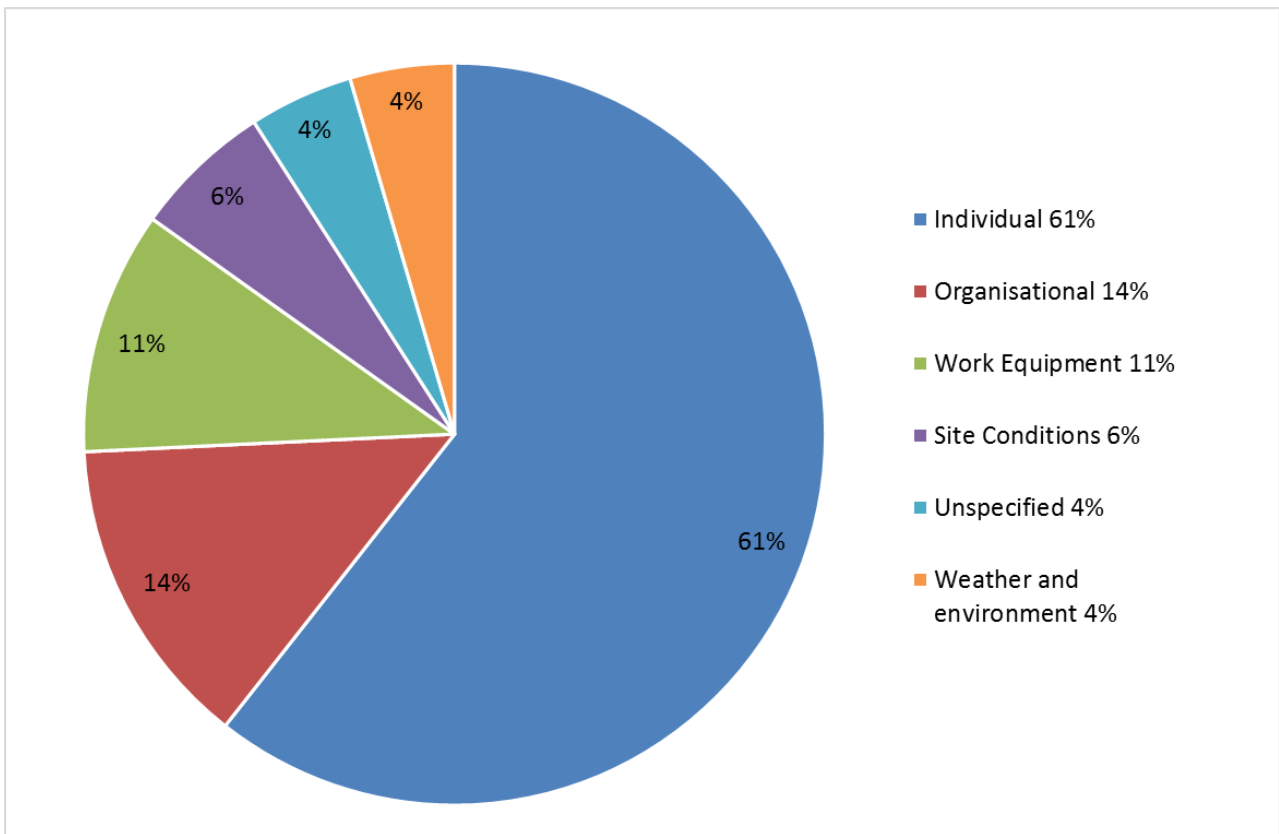
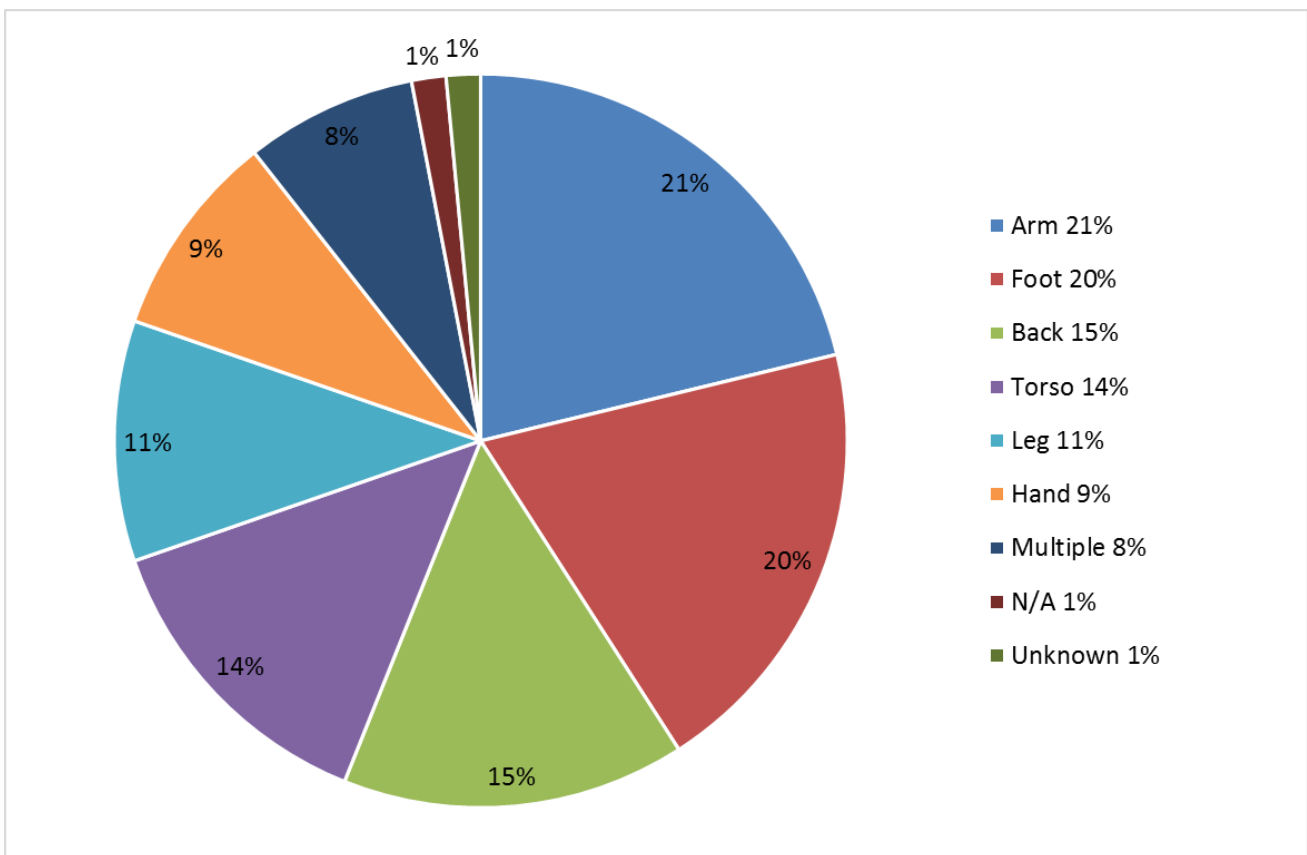


Table 7.6: Part of Body Injured in Falls from Heights Accidents



8. Dangerous Occurrences

During the year 12 dangerous occurrences were reported to the HSE (5 were reported last year). Figure 8.1a below details the kinds of dangerous occurrences reported.

Figure 8.1a: Percentage of Each Dangerous Occurrence

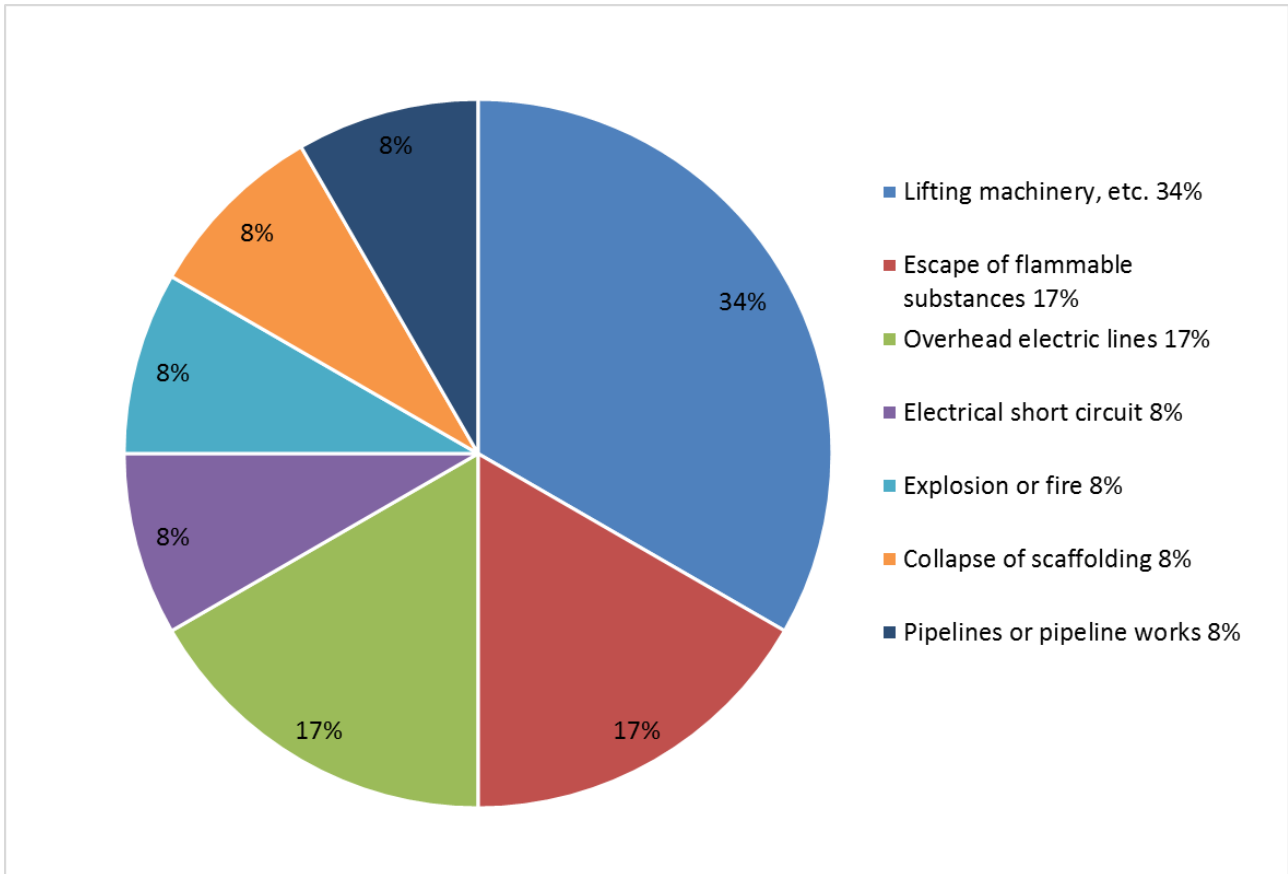
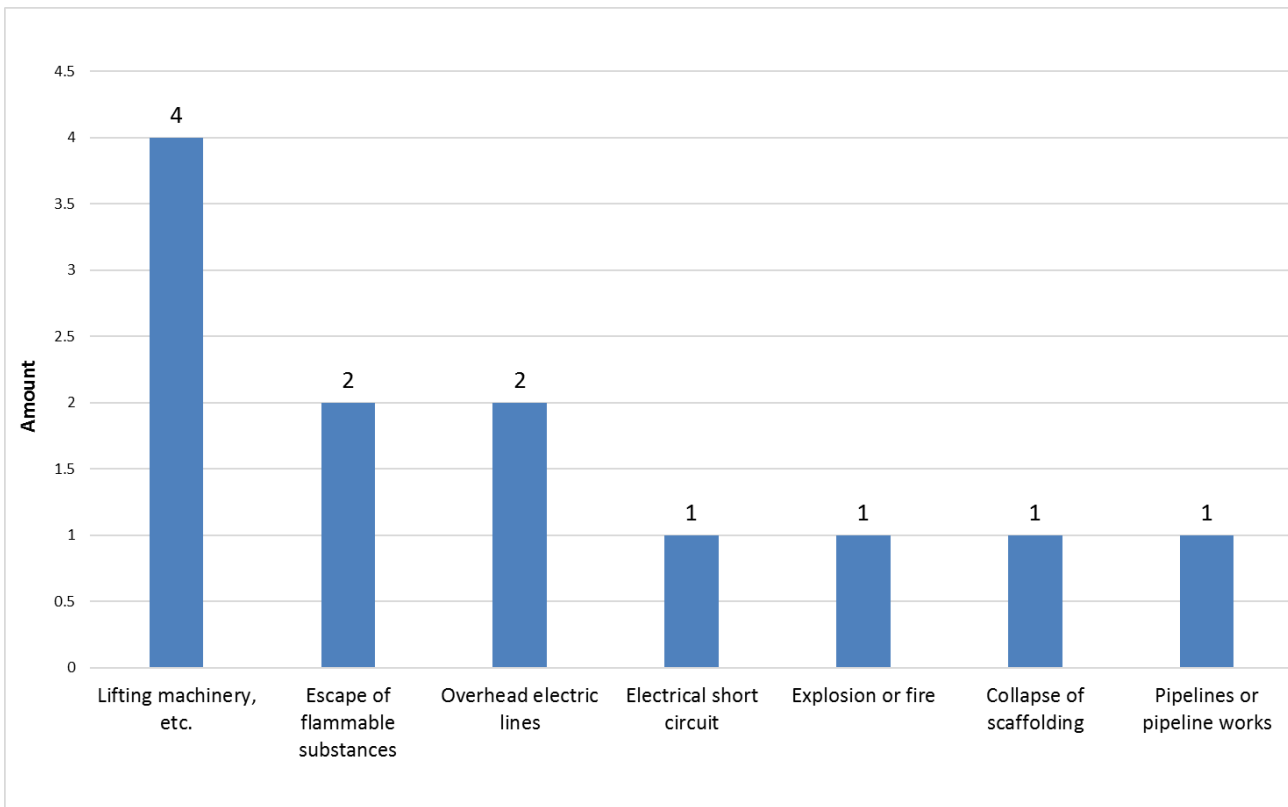


Figure 8.1b: Dangerous Occurrences by Kind



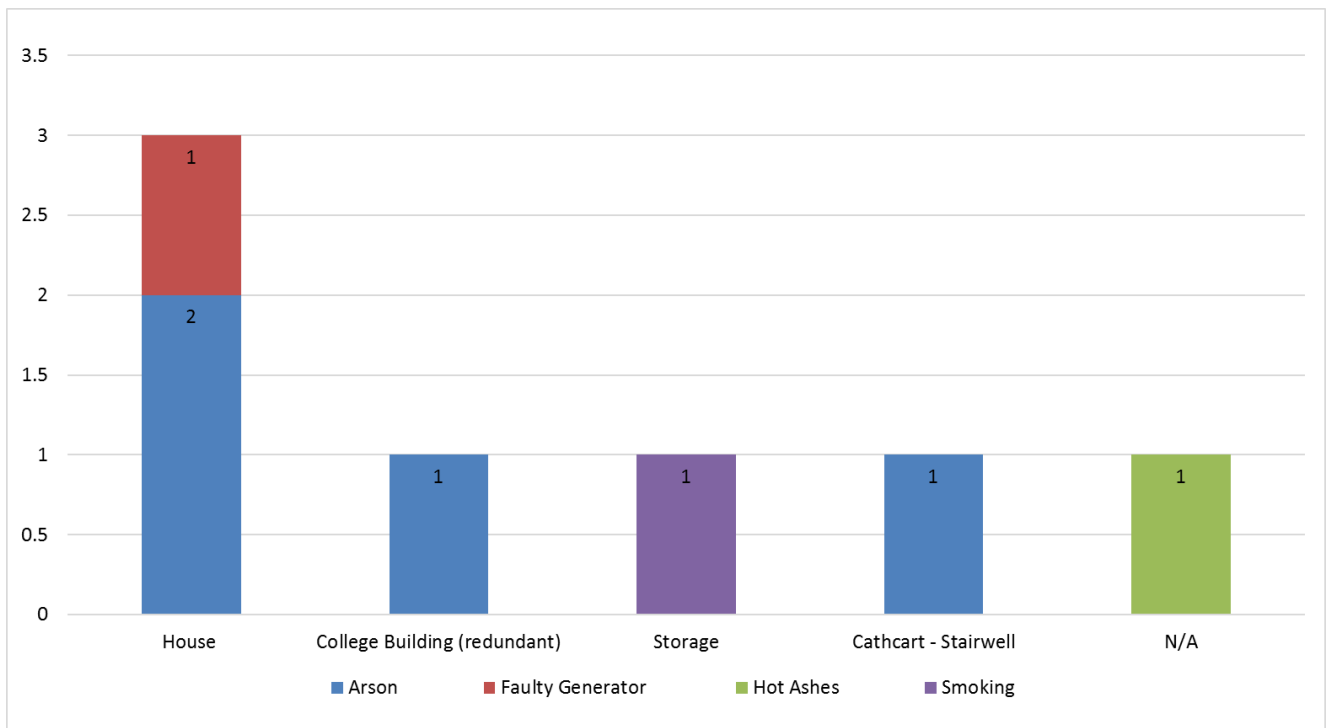
9. Fires on Construction Sites

During the year, 7 fires were reported (8 last year).

- 3 Houses
- 1 College Building (redundant)
- 1 Storage
- 1 Cathcart - Stairwell
- 1 Waste Skip

The causes of the fires by property are detailed in figure 9.1.

Figure 9.1: Causes of Fire by Property

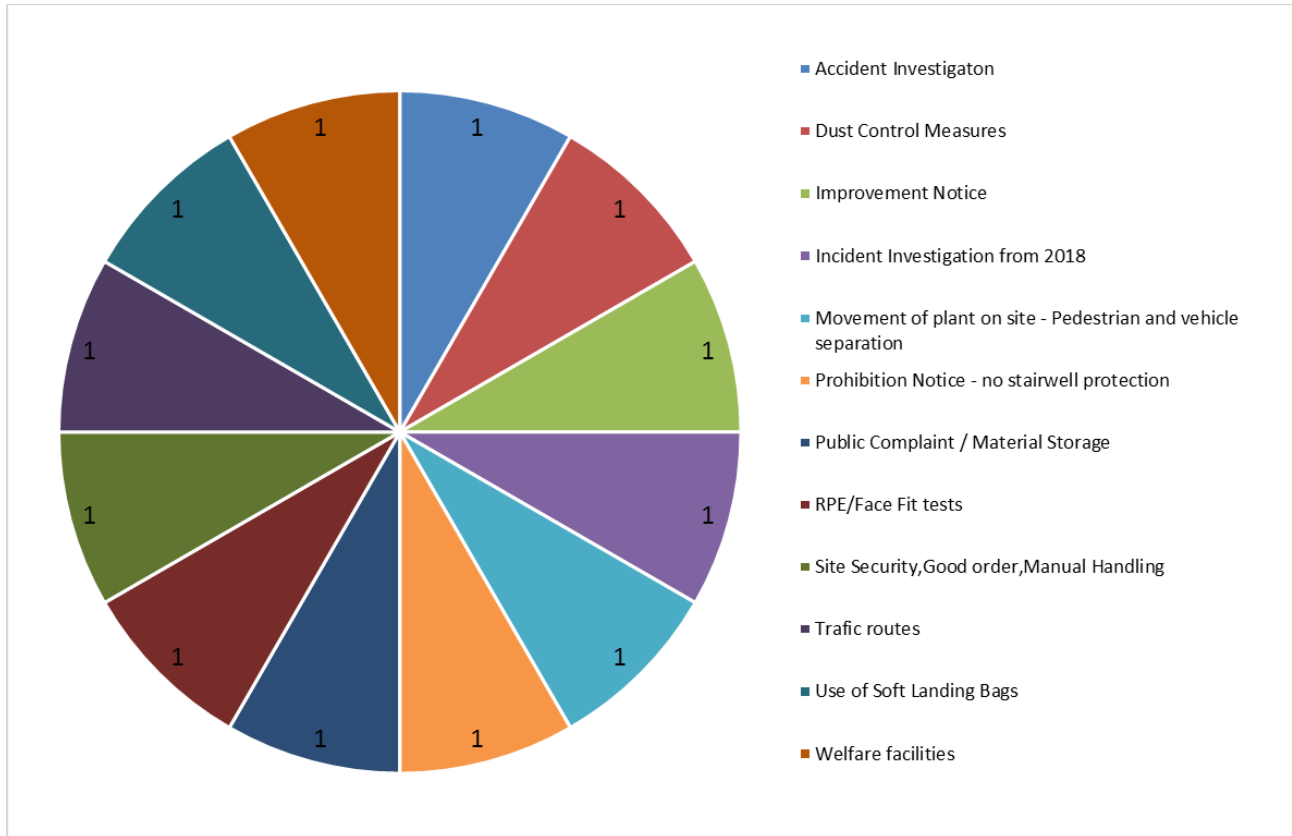


10. Notifications of Contravention

During the year the Health and Safety Executive (HSE) served a total of 12 Notifications of Contravention* upon Member Organisations (18 last year). Figure 10.1a gives the reasons for the HSE issuing the Notices.

- 6 were invoiced, resulting in a total of £15,516.7 being paid to the HSE (giving an average of £2586.12 per Notice of Contravention).
- 6 were awaiting an invoice at the time this report was published.

Figure 10.1: Notification of Contravention by Reason



* Health and Safety (Fees) Regulations 2012, whereby the HSE can recover their costs when they discover 'material breaches' and issue a Notification of Contravention.

11. Causes of Injury – HSE Figures for the Construction Industry

The HSE Statistical report 'ridkind' that details the causes of both 'major injuries' and 'over seven day injuries' for the construction industry will not be published until November 2020. The table below will be updated with the results when they become available.

	<u>Major injuries</u>		<u>Over seven day injuries</u>
1.		1.	
2.		2.	
3.		3.	
4.		4.	
5.		5.	

12. Members of the public

- There was 1 reportable injury and the cause was attributed to:
 - 1 Slipped, tripped or fell on the same level

Table 11.1: Reported Injuries to Members of the Public

	2019/ 2020	2018/ 2019	2017/ 2018	2016/ 2017	2015/ 2016
Members of the public	1	2	7	7	11