



Health and Safety Statistical Analysis Report for

2016/2017

Issue: 002

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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 2016 to 31 March 2017.

*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

- **23** Member Organisations contributed their data during the year (*23 contributed last year*).
- The **23** Member Organisations reported and average number employed of **120,280** people resulting in a 2.008% increase on *last year as the 23 member organisations employed an average of 117,912 in 2015/2016*).

Table 2.1: Member Organisations and Average Number Employed

	2016/ 2017	2015/ 2016	2014/ 2015	2013/ 2014	2012/ 2013	2011/ 2012	2010/ 2011	2009/ 2010	2008/ 2009	2008/ 2007
Number of Member Organisations	23	23	20	20	22	17	17	17	16	19
Average Number Employed ¹	120,280	117,912	102,052	86,519	81,470	74,887	66,879	55,880	61,695	100,317

3. Reportable Injuries

Directly employed

- There were no fatal injuries during the year - for the 8th consecutive year
- There were **33** 'major injuries' (*up 57% on last year's 21*).
- There were **59** 'over 7 day injuries' (*down 18% on last year's 72*)

Subcontractors

- There was **one** fatal injury during the year, (1 occurred last year).
- There were **140** 'major injuries' (*<up 17%> on last year's 120*).
- There were **169** 'over 7 day injuries' (*<down 6.6%> on last year's 181*).

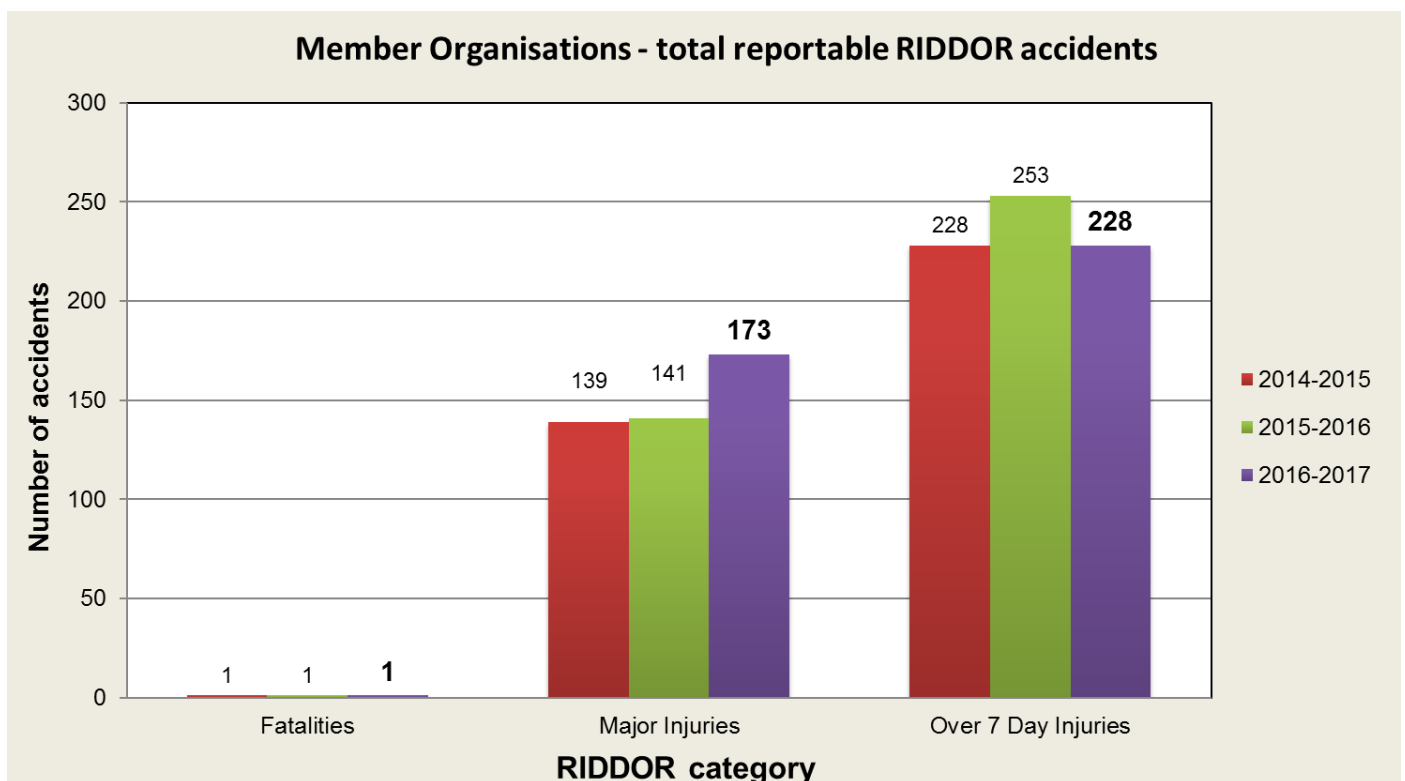
All reported injuries

The total number of injuries reported to the HSE during the year was **402** (up 1.77% on last year's 395). The relevant data are given in Table 3.1 and Figure 3.1a below.

Table 3.1: All Reported Injuries (employed and subcontractors)

	2016/ 2017	2015/ 2016	2014/ 2015	2013/ 2014	2012/ 2013	2011/ 2012	2010/ 2011	2009/ 2010	2008/ 2009
Fatalities	1	1	1	1	1	0	2	0	0
Major Injuries	173	141	139	134	113	108	108	90	94
Over 3 Day Injuries	--	--	--	--	--	261	259	205	252
Over 7 Day Injuries	228	253	228	169	155	--	--	--	--
Total	402	395	368	304	269	369	369	295	346

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



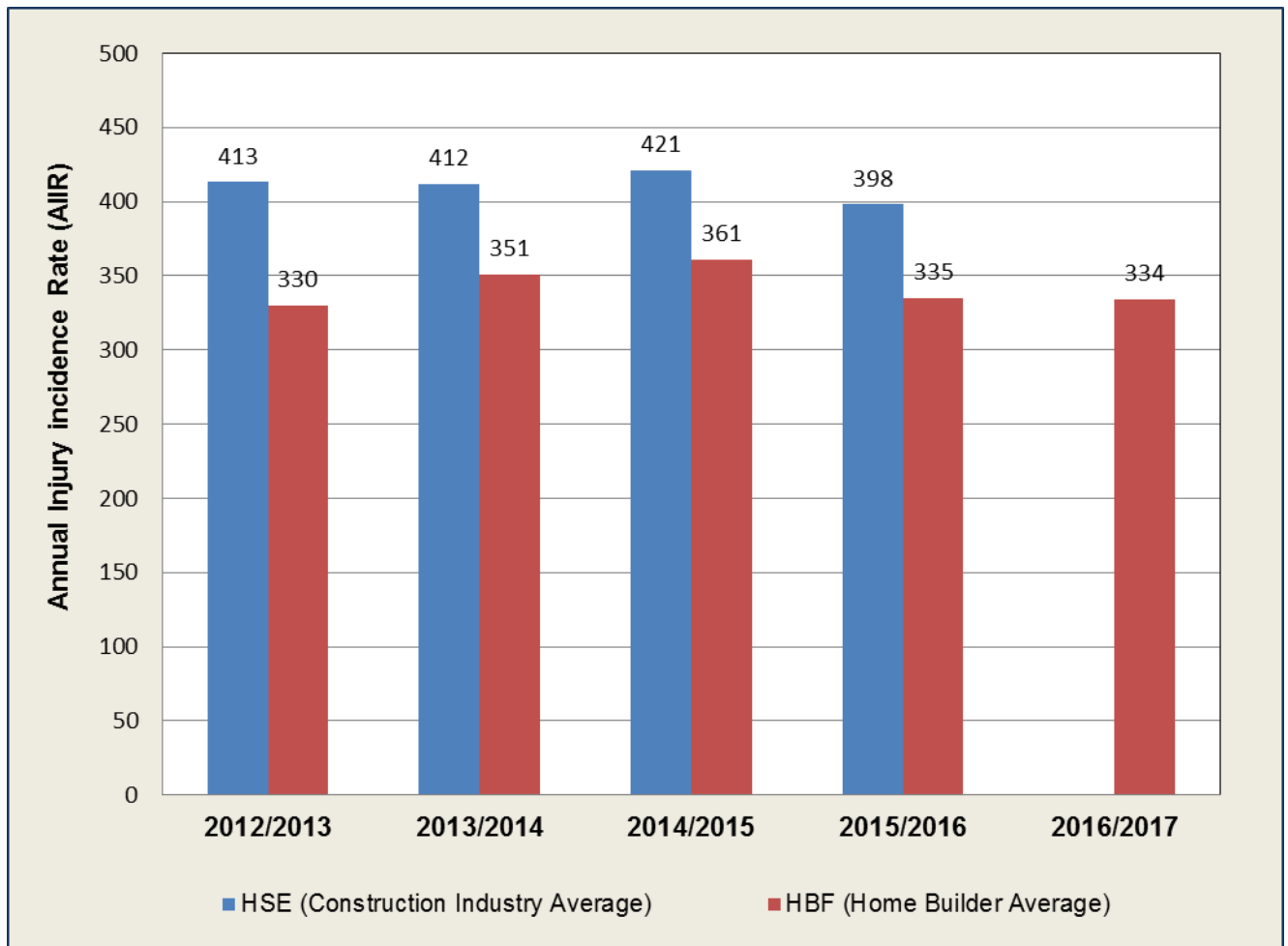
4. Annual Injury Incidence Rate (AIIR)

The 'Home Builder' AIIR for 2016/2017 was **334***, the previous year and it was 395.
402 incidents divided by an average number employed of 120,280 multiplied by 100,000 = 334

The Construction Industry AIIR for the same period has not yet been published

Figure 4.1a compares the Home Builder Federation's AIIR with the HSE's Construction Industry's AIIR between 2012 and 2017.

Figure 4.1a: AIIR for the periods 2012/13 to 2016/2017

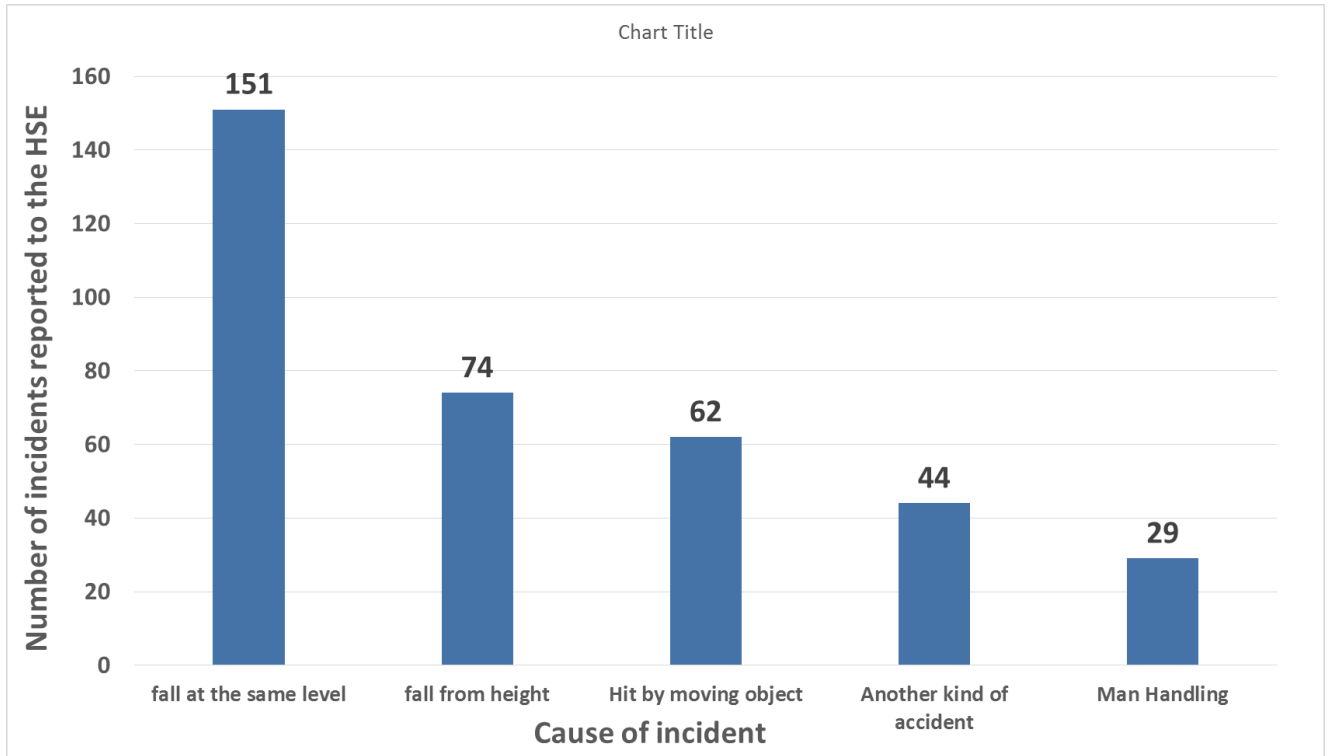


Note: the Annual Injury Incidence Rate (AIIR) 2006/2007 to 2011/2012 which includes Fatal injury, Major injury and Over 3 day injury data can be found in Figure 4.1 of the annual report dated 22nd November 2012, Issue 002.

5. Causes of Injury

Falling at the same level accounted for 42% 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:

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



Fatal Injuries

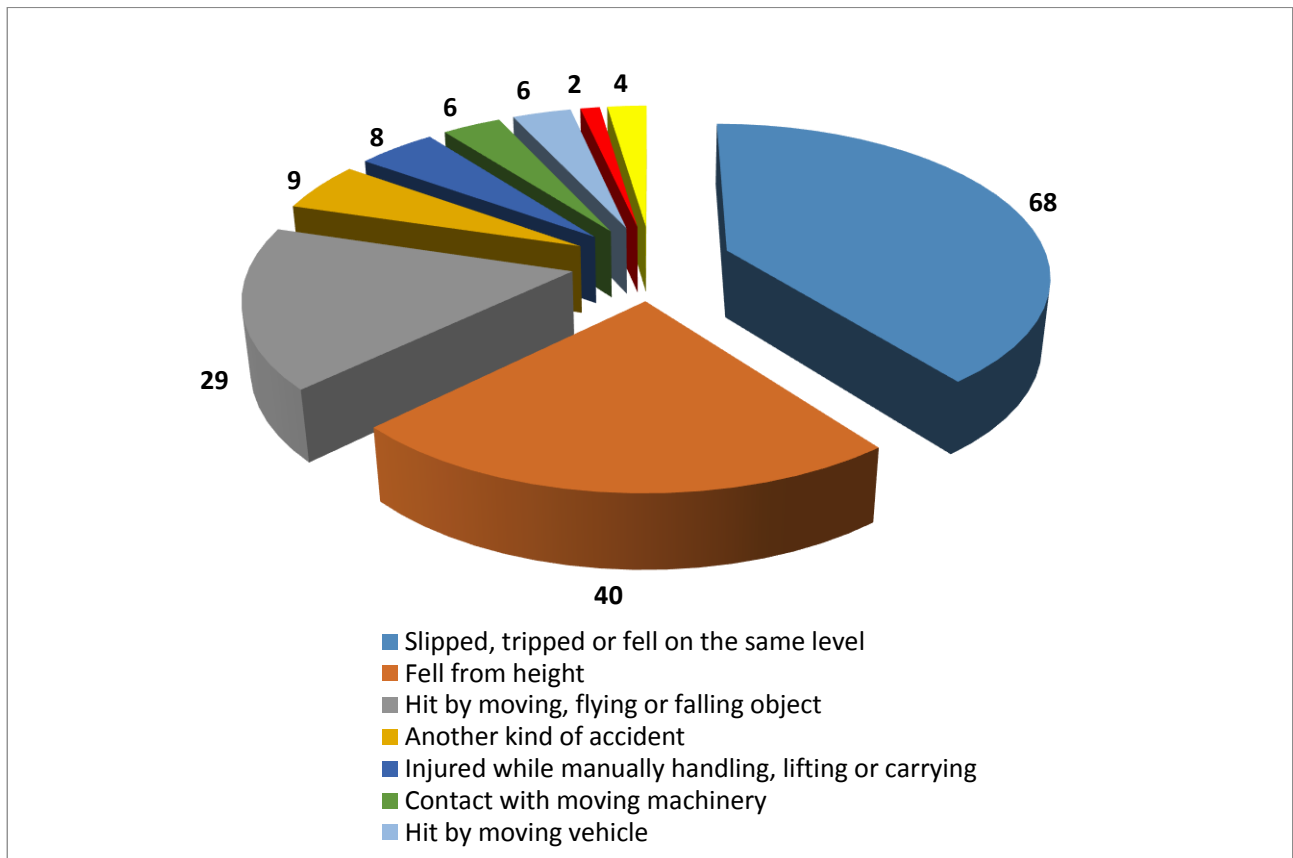
There was one fatal injury which involved being hit by moving machinery, which is currently being investigated and no information was available at the time this report was published.

Major Injuries

Table 5.1 below provides information on the top six causes of major injuries to employed staff and subcontractors by reporting year.

Table 5.1: Major Injuries (employed and subcontractors)

	2016/ 2017	2015/ 2016	2014/ 2015	2013/ 2014	2012/ 2013	2011/ 2012	2010/ 2011	2009/ 2010	2008/ 2009
Fall – same level	68	53	56	54	50	33	42	37	42
Fall – height	40	44	41	23	21	38	26	29	23
Hit by moving object	29	18	18	21	15	15	11	5	7
Manual handling	8	7	5	11	-	4	-	4	8
Contact - machinery	6	6	5	8	6	3	7	3	3
Hit by moving vehicle	6	5	4	3	-	-	5	-	-

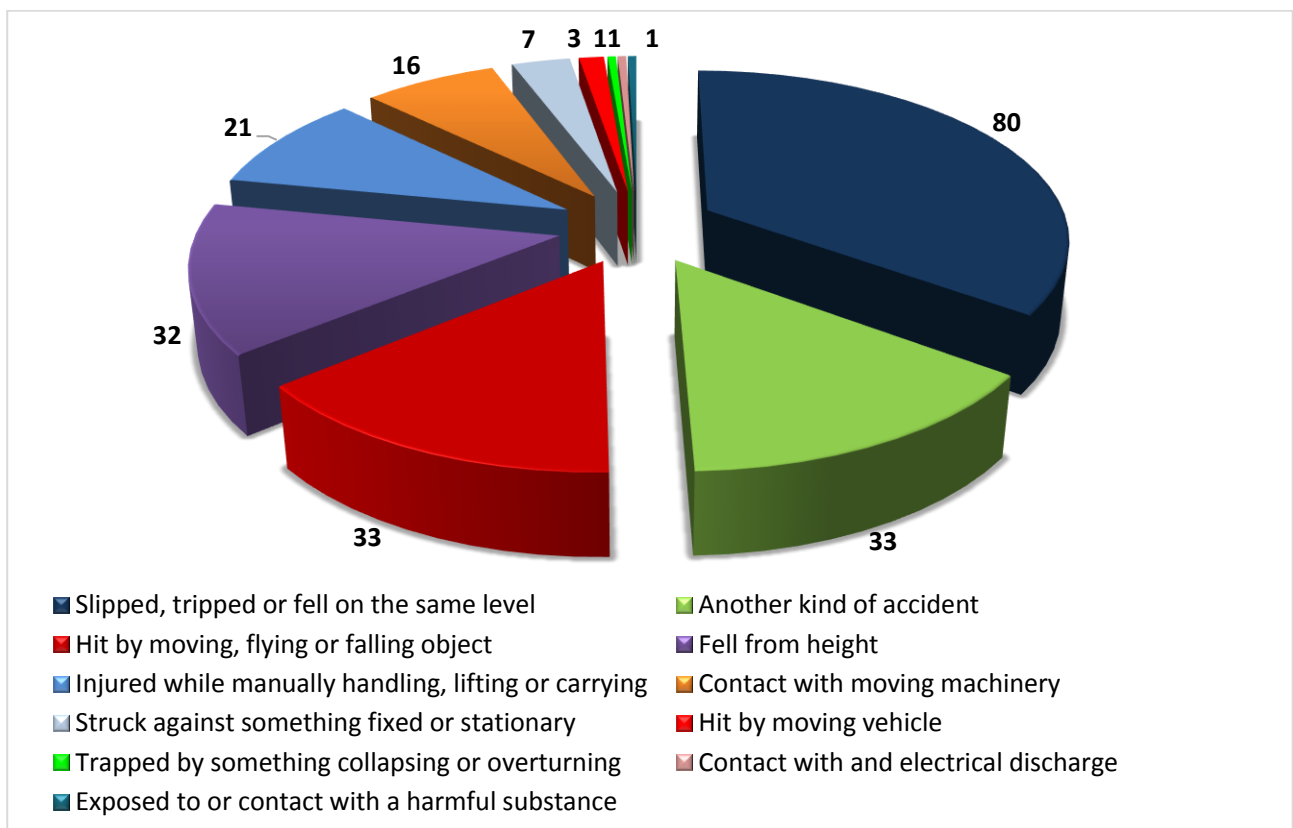


Over 7 Day Injuries

Table 5.2 below provides information on the top six causes of 'over 7 day injuries' to employed staff and subcontractors by reporting year.

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

	2016/2017	2015/2016	2014/2015	2013/2014	2012/2013
Fall – same level	80	90	79	61	53
Hit by moving object	33	31	39	23	30
Manual handling	21	29	22	16	23
Fall - height	32	40	31	16	18
Contact - machinery	16	11	25	7	6
Another kind of incident	33	37	15	18	-



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

Of the 409 incidents reported to the HSE (see table 3.1) 151 were attributable to slips, trips and falls on the same level. Member Organisations were asked to submit data on these incidents and 151 reports were received. Table 6.1 summarises the analysis carried out.

Table 6.1: Summary of Causes

	(5A) Slip, no fall	(5B) Slip, fall	(5C) Trip, no fall	(5D) Trip, fall	(5E) Fall	Total
Ditches / Trenches	1	1	0	1	0	3
Doorways / Exits	1	2	3	1	0	7
Flora	0	0	0	0	0	0
Footwear	0	0	0	0	0	0
Holes	0	2	1	0	4	7
Ice / Snow	0	2	0	0	0	2
Ladder use	1	1	0	0	2	4
Materials	3	3	5	16	0	27
Roof work	0	1	1	0	0	2
Rough/Uneven Ground	5	5	4	6	1	21
Scaffold use	8	8	3	5	4	28
Stepladders	1	0	0	0	0	1
Steps / Stairways	1	6	1	6	0	14
Tools	0	0	0	0	0	0
Unknown	0	0	0	1	1	2
Vehicles	0	4	0	1	0	5
Waste	2	0	1	1	0	4
Wet Floor	0	1	0	0	1	2
Wet Ground	1	1	0	0	0	2
Other	1	5	0	8	6	20
Totals	25	42	19	46	19	151

It can be seen from Table 6.1 that the main four causes (contributing to 57% of the total) from falls at same level are:

- scaffold use
- materials
- rough and uneven ground
- other

Further details are given in figures 6.1a and 6.1b

Figure 6.1a: Bar chart of slip, trip and fall contributory causes

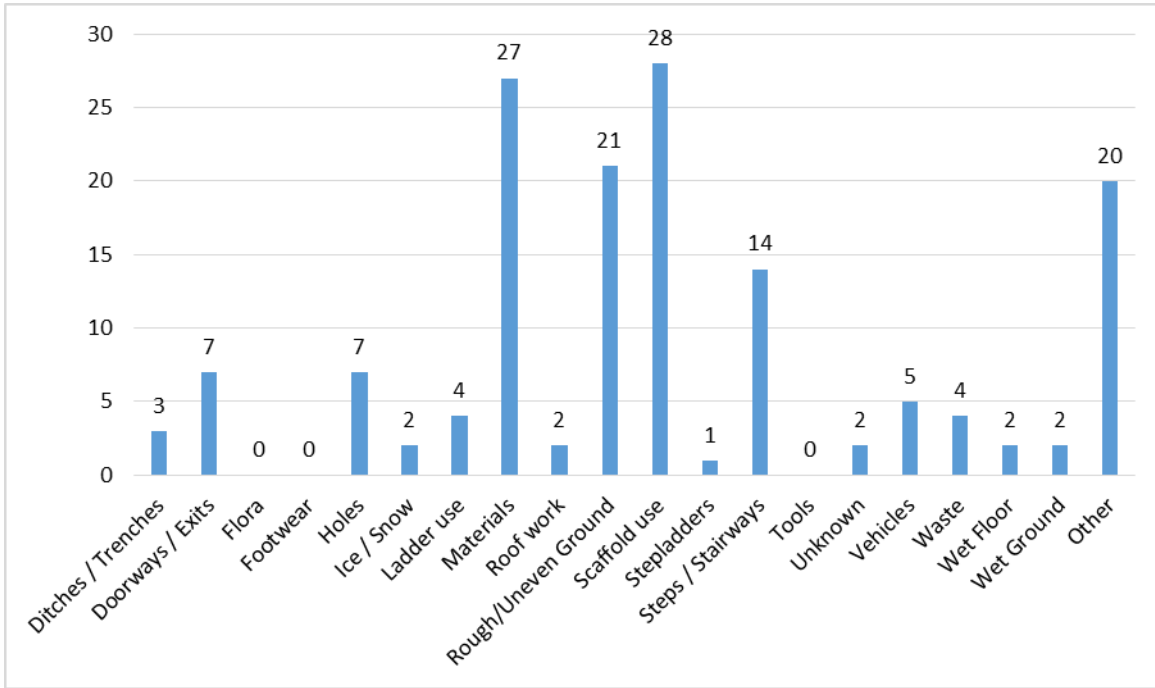
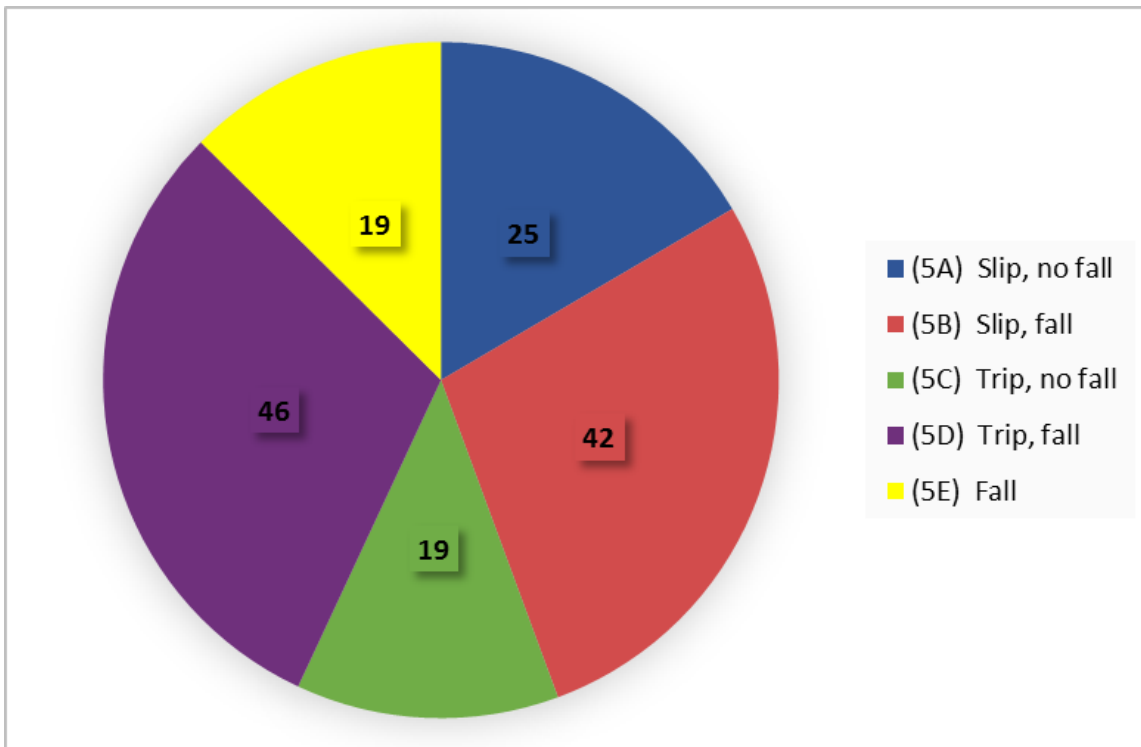


Figure 6.1b: Pie Chart for the number of key slip, trip and fall categories

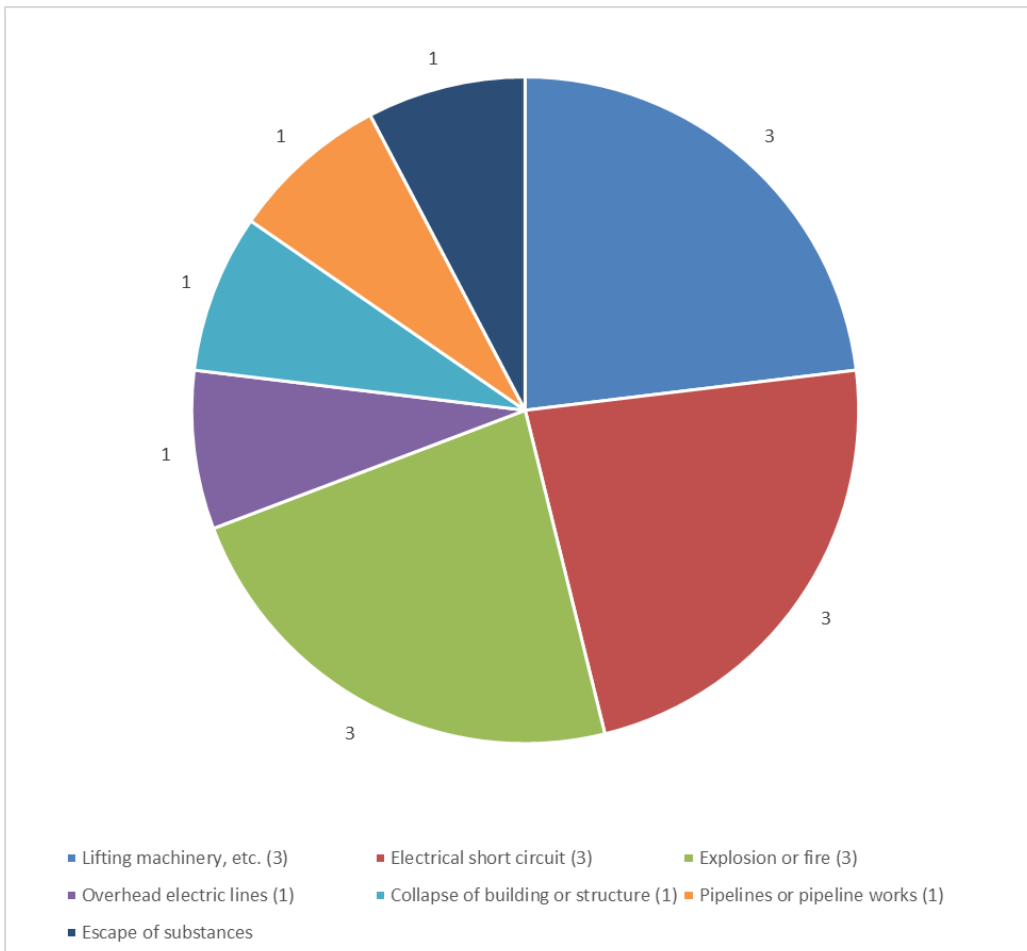
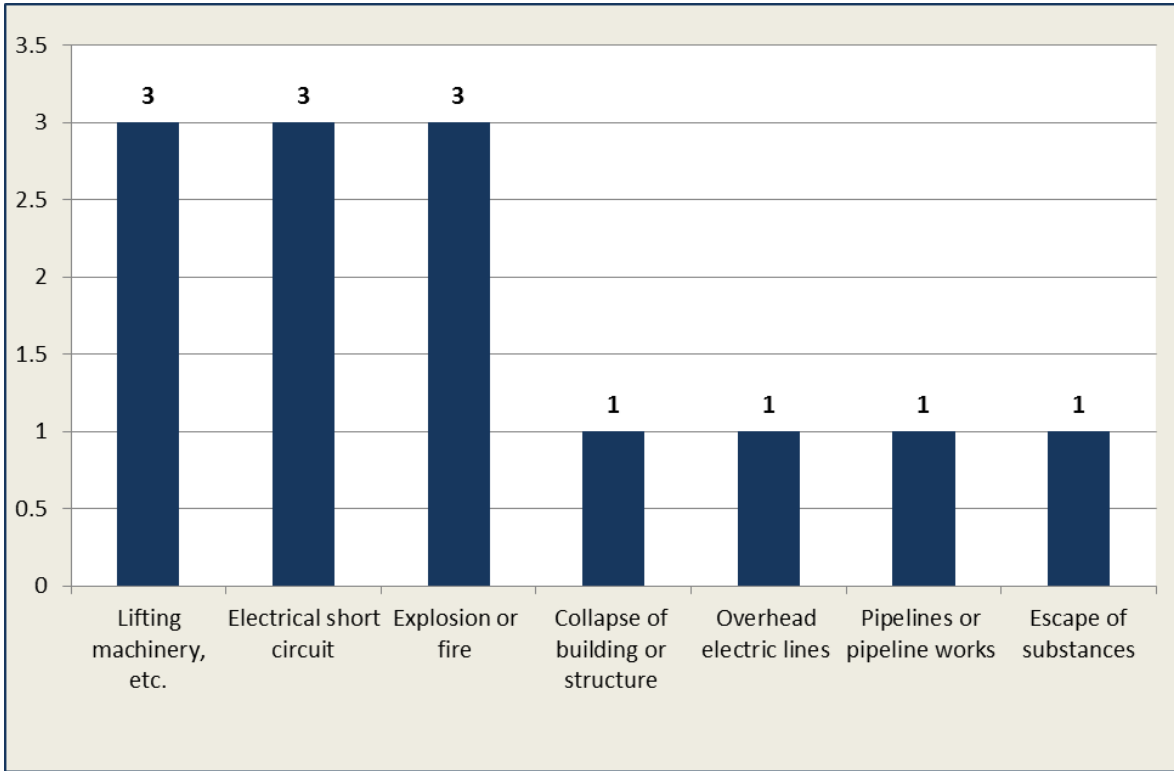


7. Dangerous Occurrences

During the year 13 dangerous occurrences were reported to the HSE (25 were reported last year).

Figure 7.1a below details the kinds of dangerous occurrences reported.

Figure 7.1a: Dangerous Occurrences by Kind



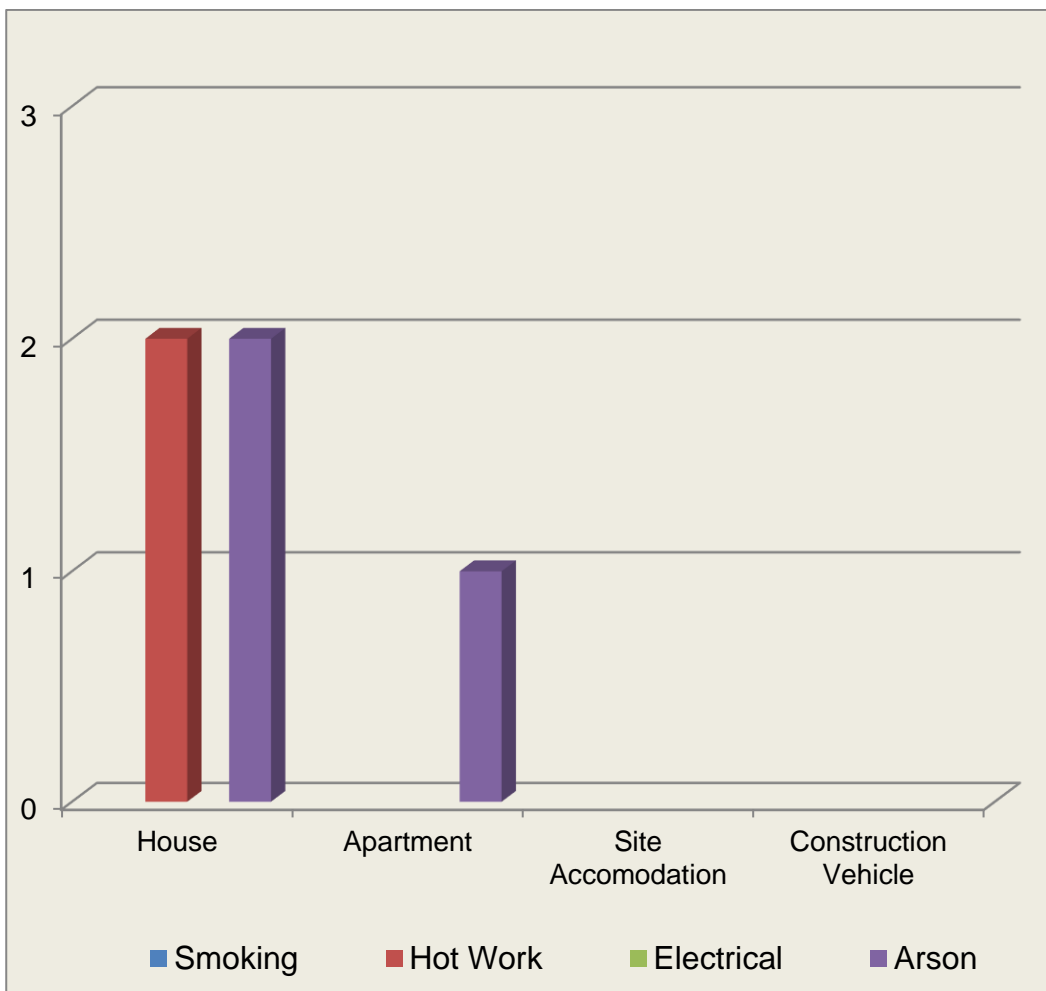
8. Fires on Construction Sites

During the year 5 fires were reported (5 last year).

- 3 brick and block houses
- 1 RCC apartment block
- 1 timber frame house

The causes of the fires by property are detailed in the figure 8.1a.

Figure 8.1a: Causes of Fire by Property

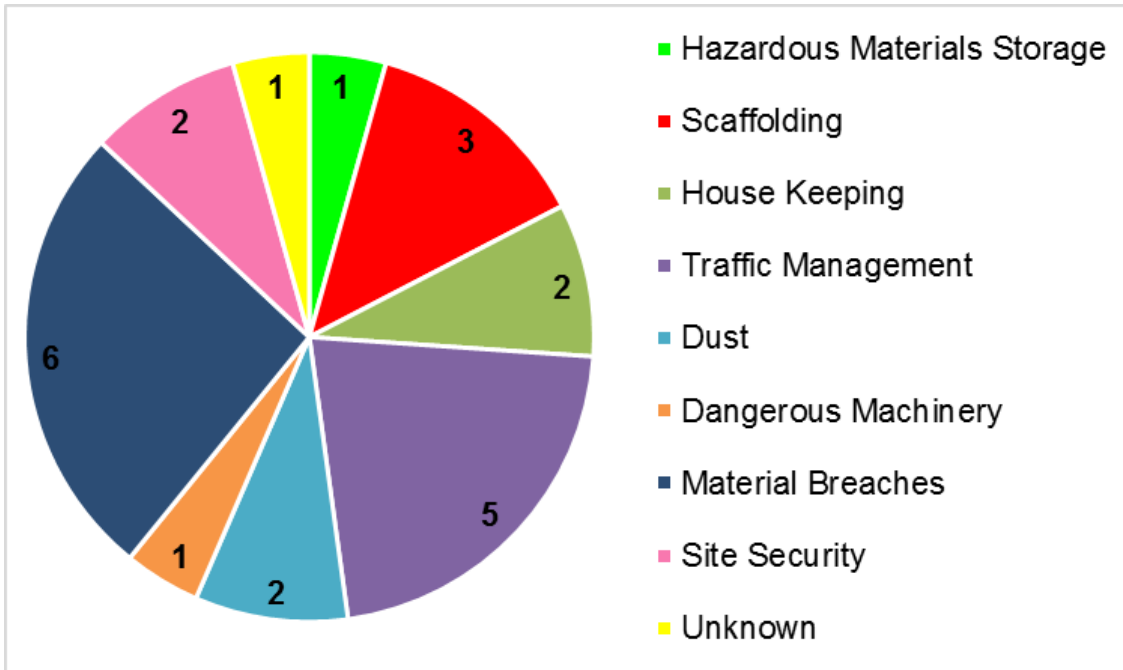


9. Enforcement Action

During the year the Health and Safety Executive (HSE) served a total of 23 Notices of Contravention* upon Member Organisations (15 last year). Figure 9.1a gives the reasons for the HSE issuing the Notices. Of the 23 Notices:

- 9 were invoiced, resulting in a total of £2,983.80 being paid to the HSE (giving an average of £331.53 per Notice of Contravention)
- 14 were awaiting an invoice at the time this report was published

Figure 9.1a: Notices 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 Notice of Contravention.

10. 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 detailed the following top five by highest number reported through RIDDOR 2016/2017;

<u>Major injuries</u>		<u>Over seven day injuries</u>	
1.	<i>Slips, trips or falls on same level</i>	1.	<i>Injured while handling, lifting or carrying</i>
2.	<i>Injured while handling, lifting or carrying</i>	2.	<i>Slips, trips or falls on same level</i>
3.	<i>Falls from a height</i>	3.	<i>Struck by moving, including flying/falling, object</i>
4.	<i>Struck by moving, including flying/falling, object</i>	4.	<i>Falls from a height</i>
5.	<i>Contact with moving machinery</i>	5.	<i>Contact with moving machinery</i>

11. Members of the public

- There were **ZERO** fatal injuries during the year
- There were **7** reportable injuries and the causes were attributed to:
 - 2 Fell from height
 - 3 Slipped, tripped or fell on the same level
 - 2 Another kind of accident

Table 11.1: Reported Injuries to Members of the Public

	2016/ 2017	2015/ 2016	2014/ 2015	2013/ 2014	2012/ 2013	2011/ 2012	2010/ 2011	2009/ 2010	2008/ 2009
Members of the public	7	11	7	8	3	7	8	14	6