



Health and Safety Statistical Analysis Report for **2013/2014**

Issue 002

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CONTENTS:

- 1. Introduction**
- 2. General Data**
- 3. Reportable Injuries**
- 4. Annual Injury Incidence Rate (AIIR)**
- 5. Causes of Injury – HBF Member Organisations**
- 6. Data on Slips and Trips**
- 7. Dangerous Occurrences**
- 8. Fires on Construction Sites**
- 9. Enforcement Action**
- 10. Causes of Injury – HSE Figures for the Construction Industry**
- 11. Members of the public**

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 in accordance with the Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995 (RIDDOR). The data was collected in the period 01 April 2013 to 31 March 2014. *A Member Organisation is defined as a home building company that is represented on the 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 2007.

2. General Data

- **20** Member Organisations contributed their data during the year (*22 contributed last year*).
- The **20** Member Organisations employed, on average, **86,519¹** people (*last year the 22 member organisations employed an average of 81,470*).

Table 2.1: Member Organisations and Average Number Employed

	2013/ 2014	2012/ 2013	2011/ 2012	2010/ 2011	2009/ 2010	2008/ 2009	2008/ 2007
Number of Member Organisations	20	22	17	17	17	16	19
Average Number Employed ¹	86,519	81,470	74,887	66,879	55,880	61,695	100,317

¹ Average number employed does not include the following; visitors to Member Organisation locations, Members of the public, Delivery Drivers, Main contractors employed as 'Principal Contractor' under the Construction (Design and Management) Regulations 2007. It does include directly employed staff and those carrying out work for Member Organisations (e.g. subcontractors).

3. Reportable Injuries

Directly employed

- There were no fatal injuries during the year - for the 6th consecutive year
- There were **35** 'major injuries' (*up 31 % on last year's 24*).
- There were **32** 'over 7 day injuries' (*down 14% on last year's 37*)

Subcontractors

- There was **one** fatal injury during the year, (1 occurred last year).
- There were **99** 'major injuries' (*<up 10%> on last year's 89*).
- There were **137** 'over 7 day injuries' (*<up14%> on last year's 118*).

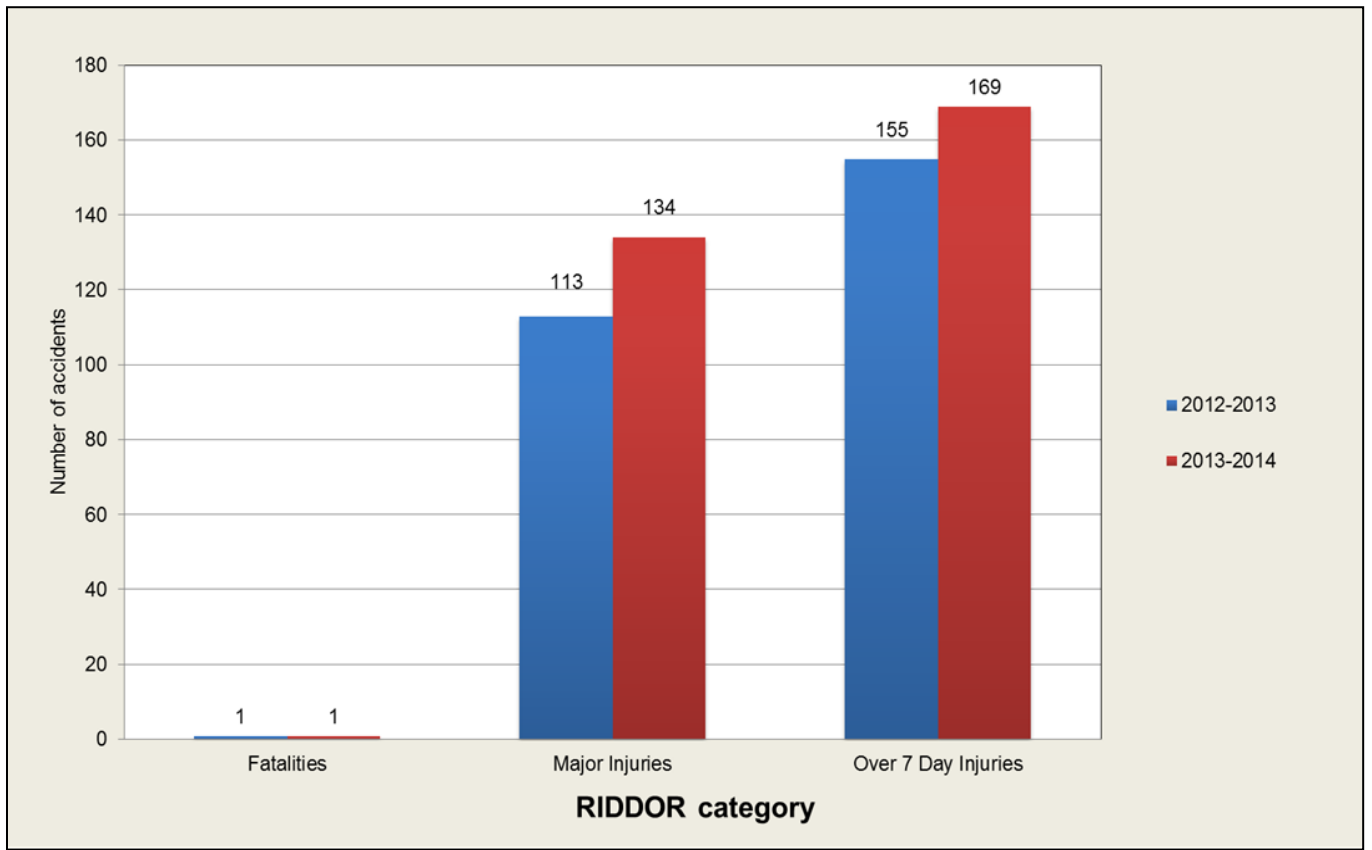
All reported injuries

The total number of injuries reported to the HSE during the year was **304**, last year there were 269 (up 12% on last year's). The relevant data are given in Table 3.1 and Figure 3.1a below.

Table 3.1: All Reported Injuries (employed and subcontractors)

	2013/ 2014	2012/ 2013	2011/ 2012	2010/ 2011	2009/ 2010	2008/ 2009	2008/ 2007
Fatalities	1	1	0	2	0	0	1
Major Injuries	134	113	108	108	90	94	180
Over 3 Day Injuries	--	--	261	259	205	252	502
Over 7 Day Injuries	169	155	--	--	--	--	--
Total	304	269	369	369	295	346	683

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

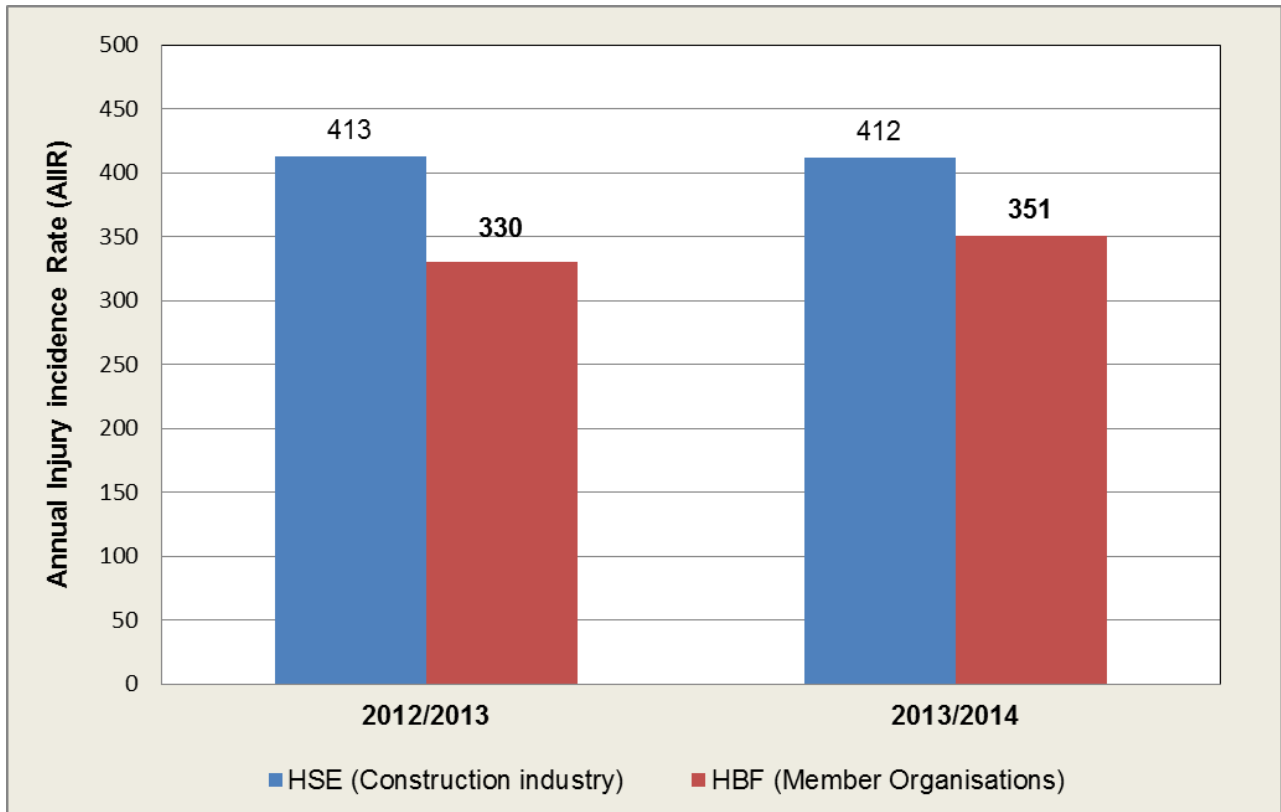


4. Annual Injury Incidence Rate (AIIR)

The 'Home Builder' AIIR for 2013/2014 was **351**, 330 last year and the Construction Industry AIIR for the same period was 412 (413 last year). Figure 4.1a compares the Home Builder Federations AIIR with the HSE's Construction Industry AIIR between 2012 and 2014

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.

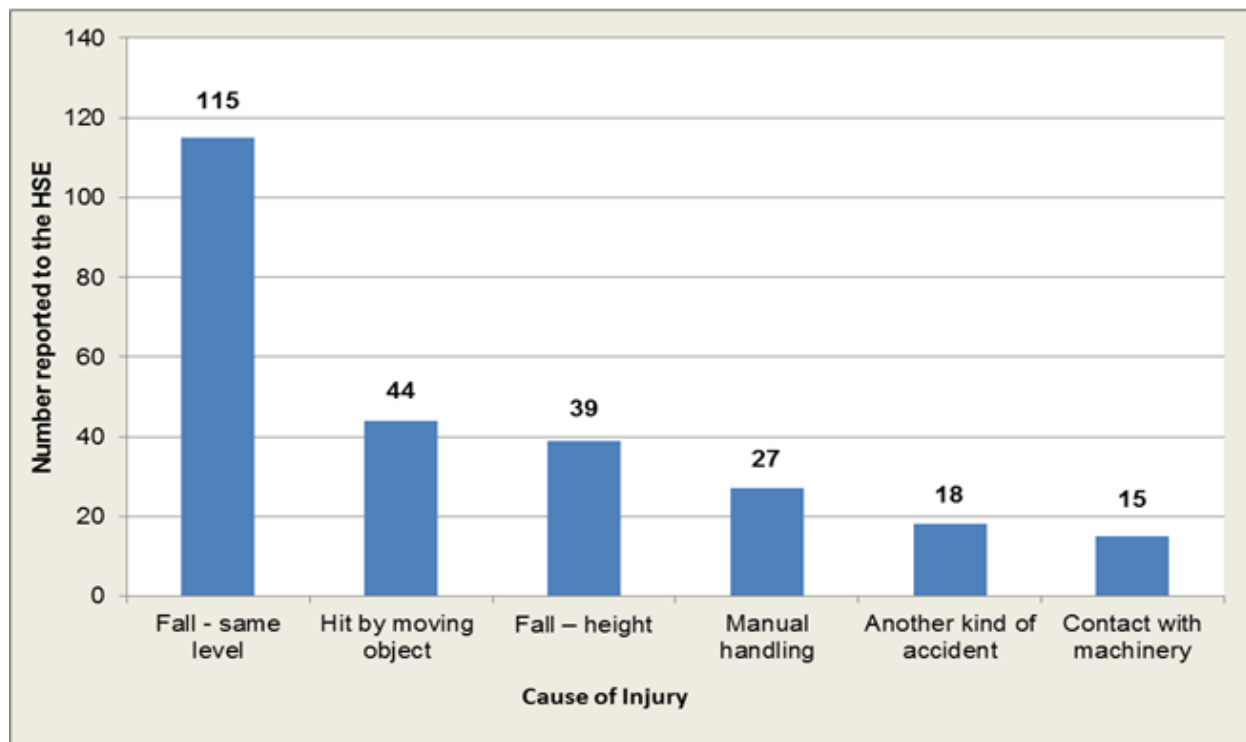
Figure 4.1a: AIIR for 2013/2014



5. Causes of Injury

Falling at the same level accounted for 38% of all incidents (directly employed and contractors) reported to the HSE in accordance with RIDDOR, Figure 5.1a below details the top six causes of injury by number reported:

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



Fatal Injuries

There was one fatal injury; an operative was struck by mobile plant.

Major Injuries

Table 5.1 below provides information on the top five causes of major injuries to employed staff and subcontractors between 2007/2008 and 2013/2014.

Table 5.1: Major Injuries (employed and subcontractors)

	2013/ 2014	2012/ 2013	2011/ 2012	2010/ 2011	2009/ 2010	2008/ 2009	2007/ 2008
Slipped, tripped, fell on the same level	54	50	33	42	37	42	57
Fall - height	23	21	38	26	29	23	73
Hit by object	21	15	15	11	5	7	19
Manual handling	11	-	4	-	4	8	13
Contact - machinery	8	6	3	7	3	3	7
Hit by moving vehicle	3	-	-	5	-	-	-
Struck against something	-	6	-	-	-	-	-

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 in 2011/2012.

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

	2013/2014	2012/2013
Slipped, tripped, fell on the same level	61	53
Hit by object	23	30
Manual handling	16	23
Fall - height	16	18
Contact with moving machinery	7	6
Another kind of incident	18	-

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

Of the 304 incidents reported to the HSE (see table 3.1) 134 (44%) were attributable to slips, trips and falls on the same level. Member Organisations were asked to submit data on these incidents and 103 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	0	2	0	2	1	5
Doorways / Exits	0	1	0	3	0	4
Flora	1	3	0	0	0	4
Footwear	0	1	0	1	0	2
Holes	1	0	1	0	3	5
Ice / Snow	0	0	0	0	0	0
Ladder use	2	2	0	1	2	7
Materials	1	1	3	6	1	12
Roof work	0	0	2	1	0	3
Rough/Uneven Ground	3	3	2	8	1	17
Scaffold use	4	2	6	5	1	18
Stepladders	0	1	0	1	0	2
Steps / Stairways	3	8	0	0	3	14
Tools	0	0	0	2	0	2
Unknown	0	1	1	1	0	3
Vehicles	0	3	0	0	1	4
Waste	0	1	0	1	0	2
Wet Floor	2	7	0	0	0	9
Wet Ground	3	2	0	0	0	5
Other	3	4	1	8	0	16
TOTAL	23	42	16	40	13	134

It can be seen from Table 6.1 that the main five causes (contributing to 53% of the total) from falls at same level are:

- materials,
- rough and uneven ground
- scaffold use
- steps and stairways
- wet floors

Further details are given in figures 6.1a and 6.1b

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

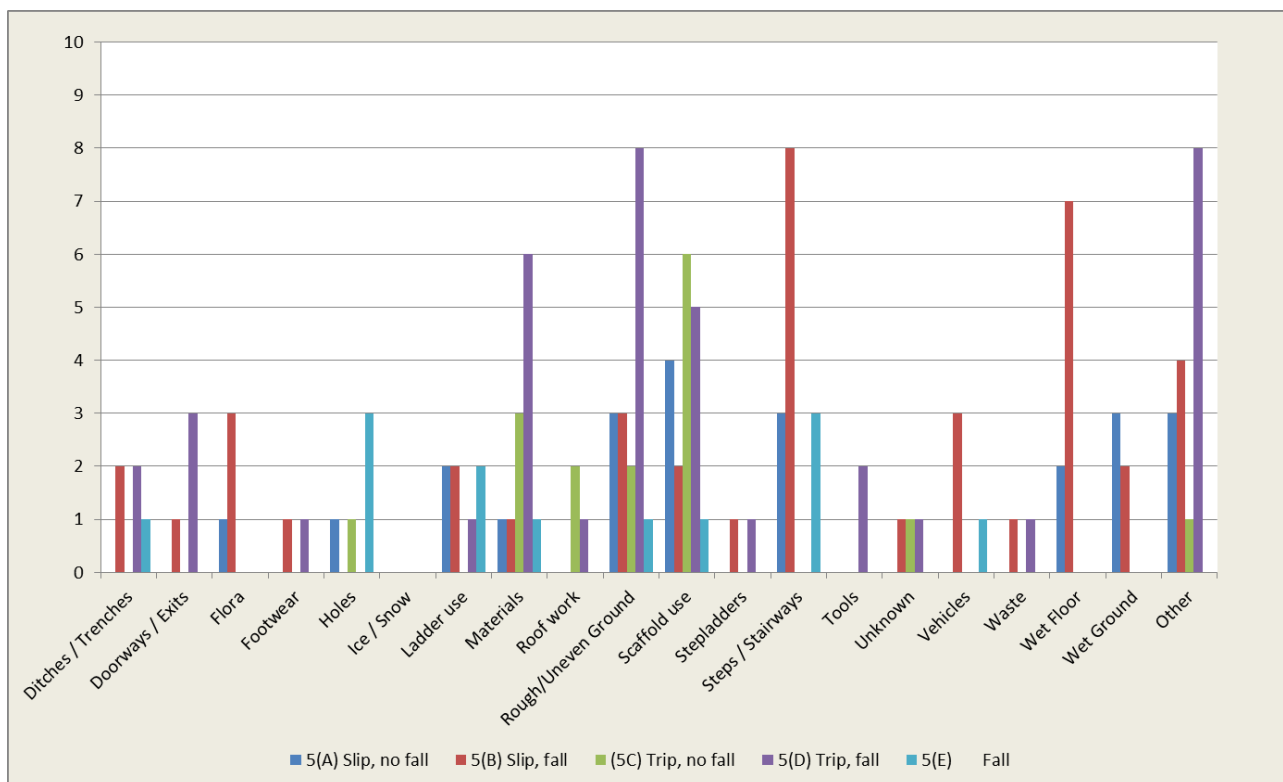
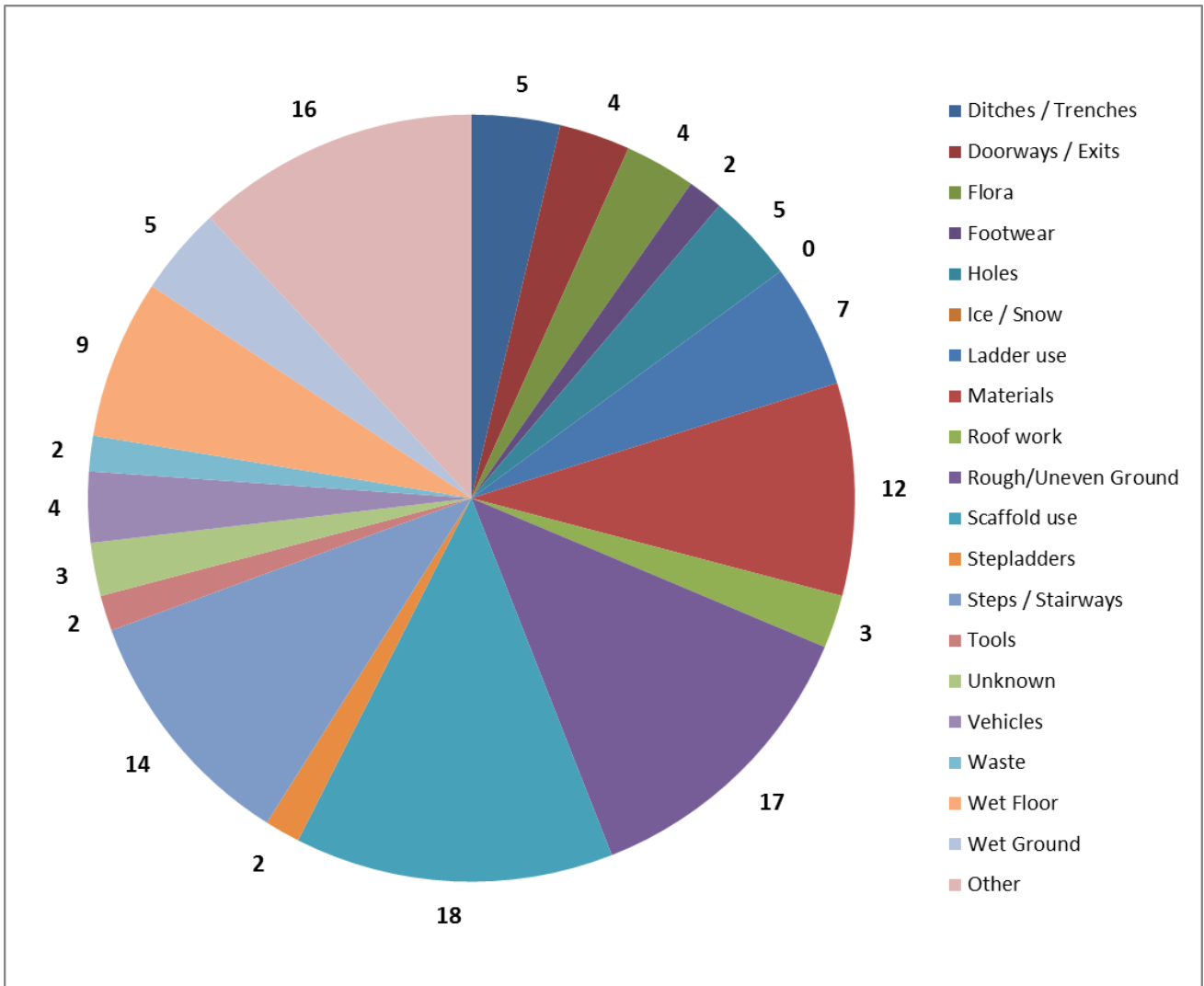


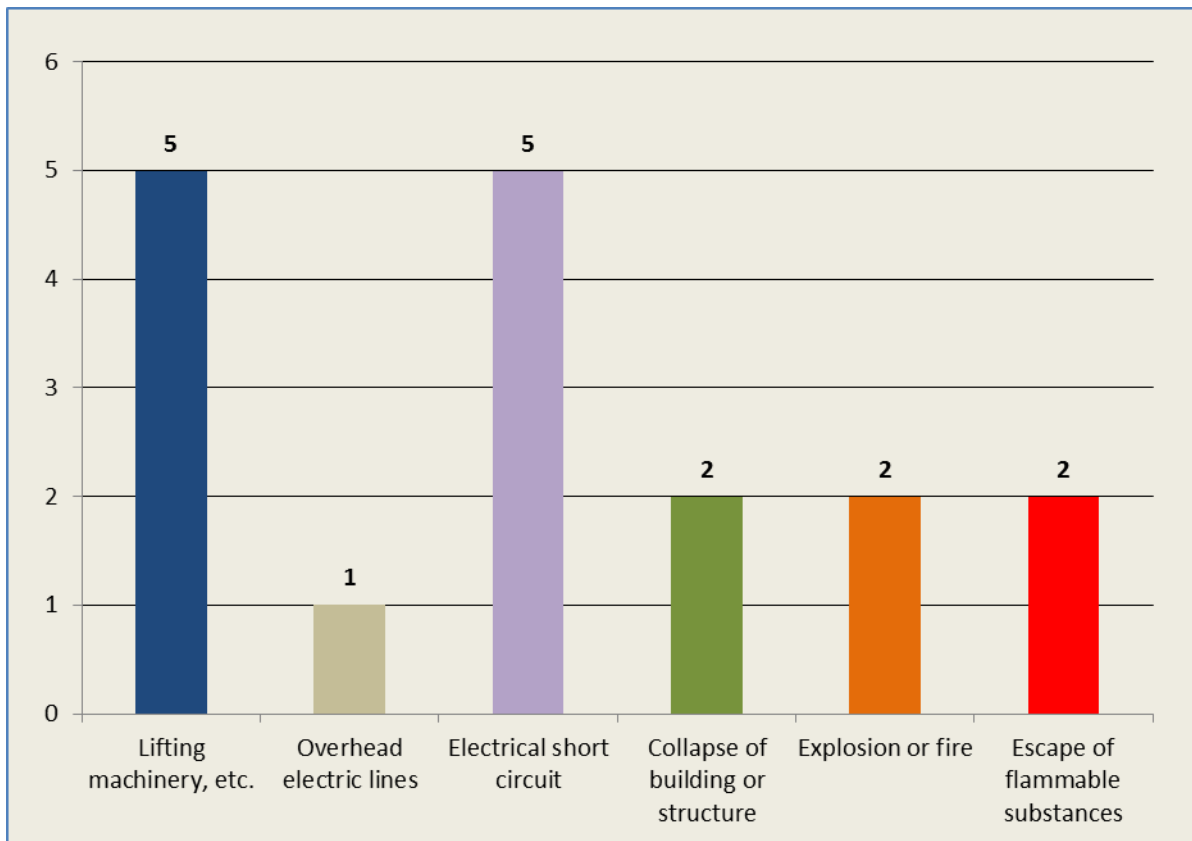
Figure 6.1b: Contributory causes by percentage



7. Dangerous Occurrences

During the year 17 dangerous occurrences were reported to the HSE, this is the first year that the HBF have collated such data so no comparisons can be made against previous years. Figure 7.1a below details the kinds of dangerous occurrences reported.

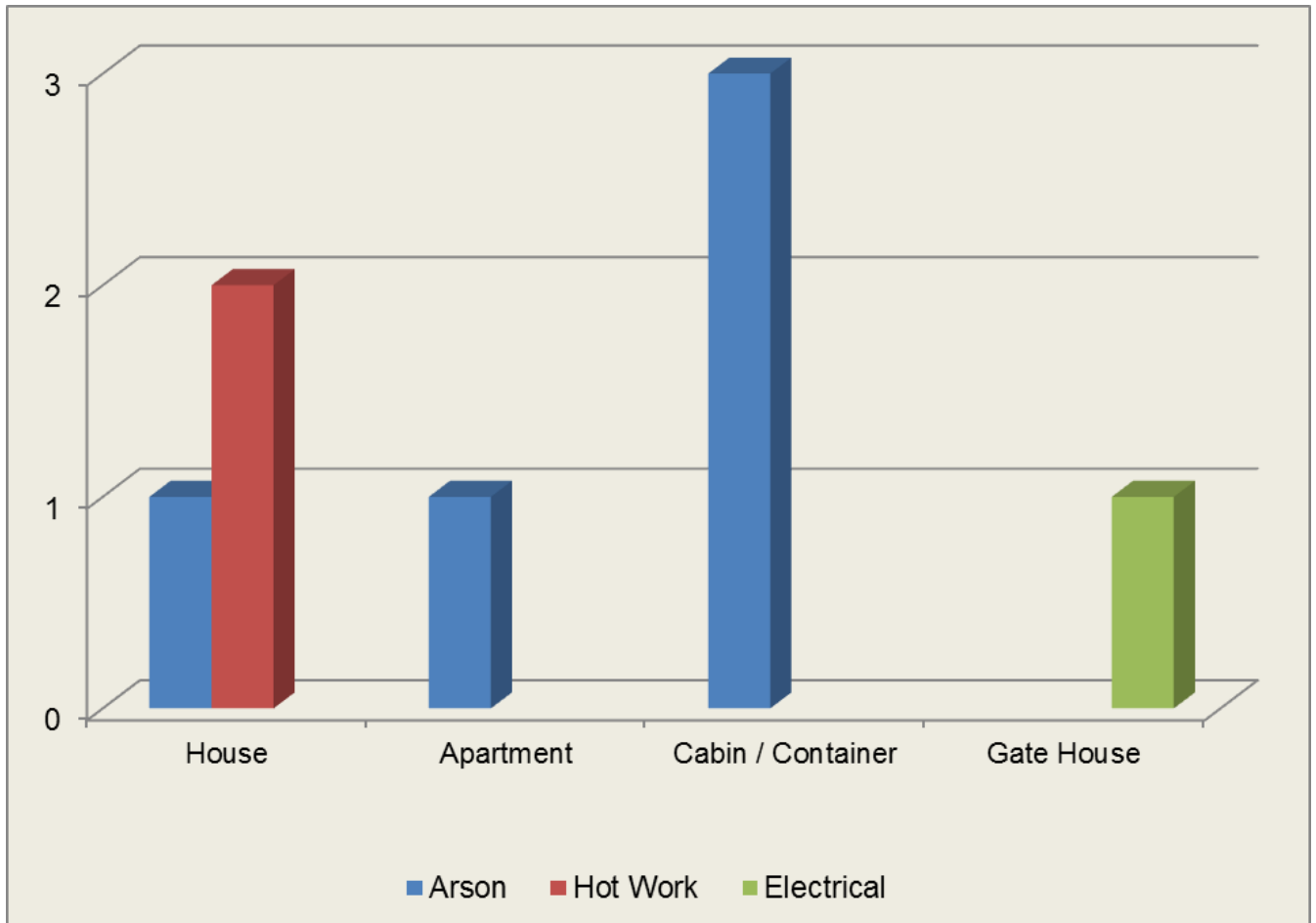
Figure 7.1a: Dangerous Occurrences by Kind



8. Fires on Construction Sites

During the year 8 fires were reported (8 last year), of the 8 two were to timber frame houses and the others were to 1 Apartment, 3 Cabins, Containers and 1 Gate House. The causes of the fires by properties are detailed in the figure 8.1a.

Figure 8.1a: Causes of Fire by Property

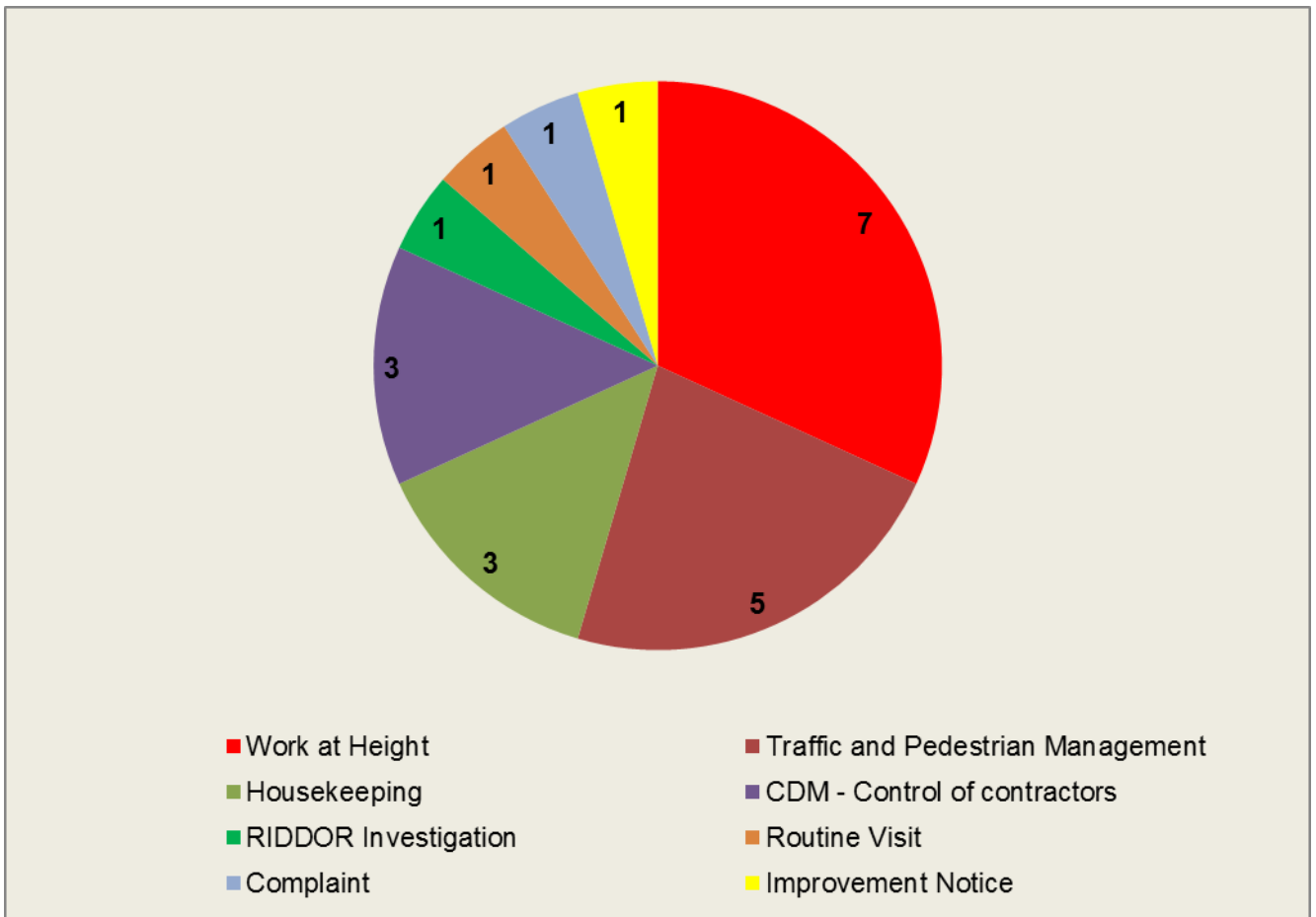


9. Enforcement Action

During the year the Health and Safety Executive (HSE) served a total of 22 Notices of Contravention* upon Member Organisations. Figure 9.1a gives the reasons for the HSE issuing the Notices. Of the 22 Notices:

- 1 was appealed
- 14 were invoiced, resulting in a total of £7,611.60 being paid to the HSE (giving an average of £543.68 per Notice of Contravention)
- 7 are 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 reports 'KIND1' and 'KIND2' that detail the causes of both 'major injuries' and 'over seven day injuries' for the construction industry were released in November 2014 and the top five causes are listed below;

Major injuries

1. Falls – from height (581)
2. Falls – same level (520)
3. Struck by moving object (250)
4. Manual handling (170)
5. Other (129)

Over seven day injuries

1. Manual handling (992)
2. Falls – same level (681)
3. Other (450)
4. Falls – from height (373)
5. Struck by moving object (364)

11. Members of the public

- There were **ZERO** fatal injuries during the year
- There were **8** reportable injuries (*an increase of 62% on last year's 3*) and the causes were attributed to:
 - 1 Struck against something fixed or stationary
 - 1 Trapped by something collapsing or overturning
 - 4 Slipped, tripped or fell on the same level
 - 2 Another kind of accident

Table 10.1: Reported Injuries to Members of the Public

	2013/ 2014	2012/ 2013	2011/ 2012	2010/ 2011	2009/ 2010	2008/ 2009	2007/ 2008
Members of the public	8	3	7	8	14	6	7