

**Bolsover District Council**

**Safety Committee**

19<sup>th</sup> January 2015

**Accident and Stress Statistics Report**

**Report of the Health and Safety Advisor**

This report is public

**Purpose of the Report**

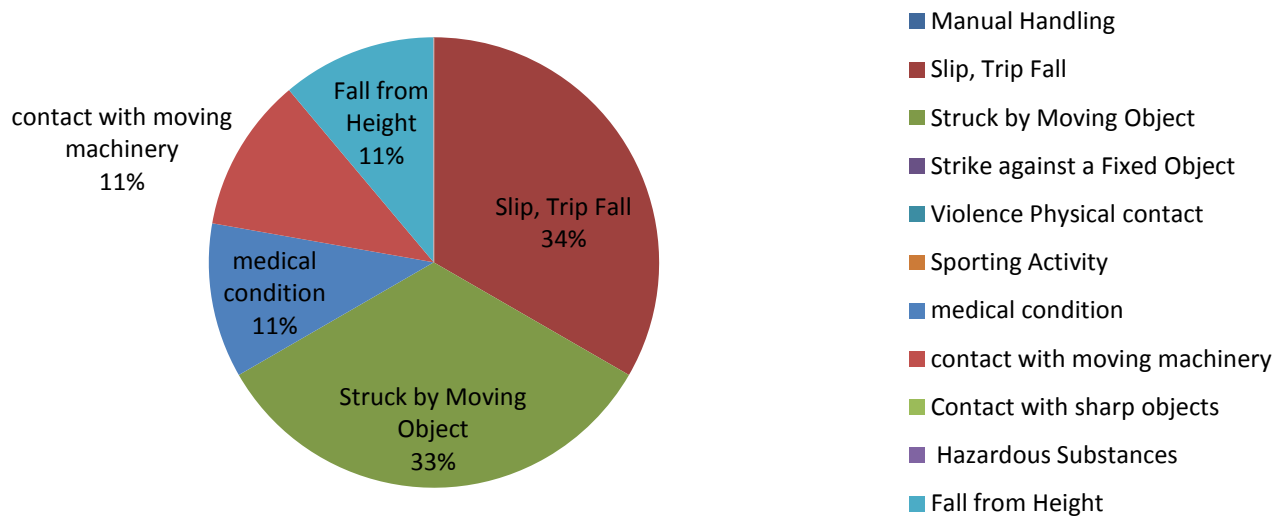
- To provide an update on the authorities accident and stress management performance over the last quarter.
- To allow comparison of current accident / stress management performance against historical data to demonstrate whether effective continual improvement is being achieved.
- To review key accident indicators so that potential accident or stress management trends can be identified and intervention strategies can be developed and delivered.

**1 ACCIDENT ANALYSIS DATA & GRAPHS**

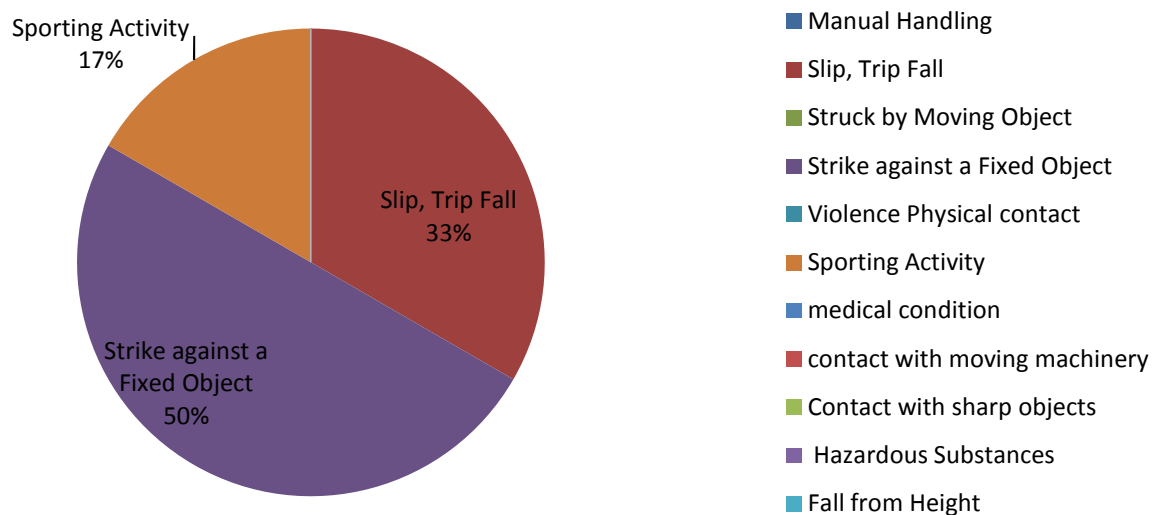
**1.1.1 Accident Type**

CATEGORIES	Manual Handling	Slip, Trip Fall	Struck by Moving Object	Strike against a Fixed Object	Violence Physical contact	Sporting Activity	medical condition	contact with moving machinery	Contact with sharp objects	Hazardous Substances	Fall from Height	Animal Bite	RTA	TOTAL
Employees	0	3	3	0	0	0	1	1	0	0	1	0	0	9
Public	0	4	0	6	0	2	0	0	0	0	0	0	0	12

## Employee 3rd Quarter Accident Type Breakdown



## Public 3rd Quarter Accident Type Breakdown

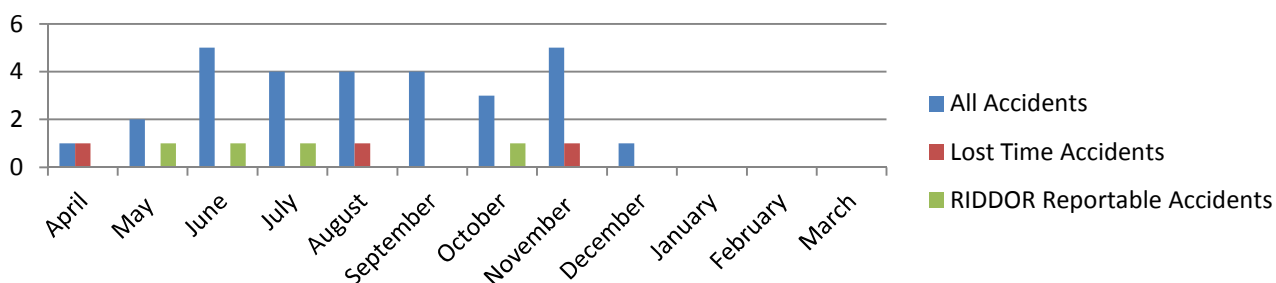


### 1.1.2 Accident Category Totals

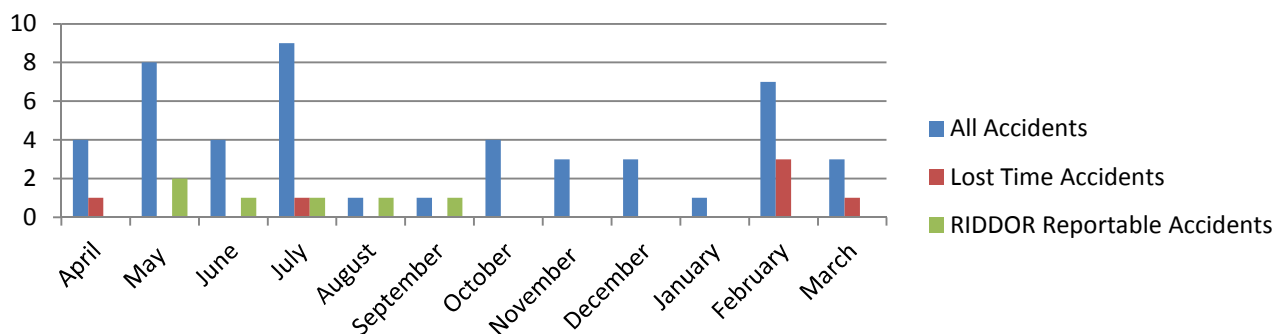
MONTH	Employee Accident Numbers 2014/2015			Employee Accident Numbers 2013/2014		
	All Accidents	Lost Time Accidents	RIDDOR Accidents	All Accidents	Lost Time Accidents	RIDDOR Accidents
April	1	1	0	4	1	0
May	2	0	1	8	0	2
June	5	0	1	4	0	1
July	4	0	1	9	1	1
August	4	1	0	1	0	1
September	4	0	0	1	0	1

October	3	0	1	4	0	0
November	5	1	0	3	0	0
December	1	0	0	3	0	0
January				1	0	0
February				7	3	0
March				3	1	0
1 <sup>st</sup> Quarter	8	1	2	16	1	3
2 <sup>nd</sup> Quarter	12	1	1	11	1	3
3 <sup>rd</sup> Quarter	9	1	1	10	0	0
4 <sup>th</sup> Quarter				11	4	0
<b>TOTALS</b>	<b>29</b>	<b>3</b>	<b>4</b>	<b>48</b>	<b>6</b>	<b>6</b>

### 2014/2015 ACCIDENT CATEGORY BREAKDOWN



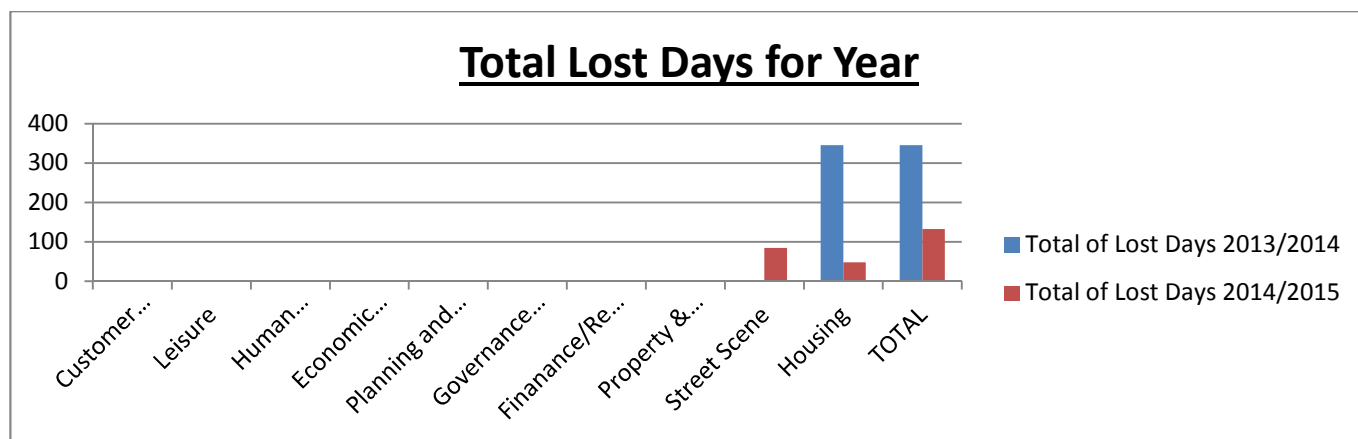
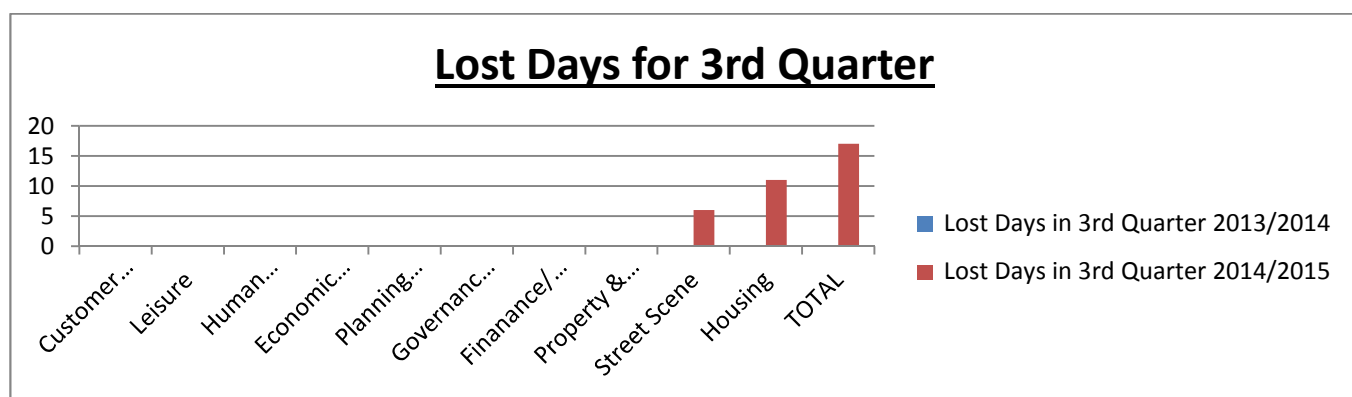
### 2013/2014 ACCIDENT CATEGORY BREAKDOWN



#### 1.1.3 Accident Lost Days

	Lost Days for 3 <sup>rd</sup> Quarter 2014/2015	Total Lost Days 2014/2015	Lost Days for 3 <sup>rd</sup> Quarter 2013/2014	Total Lost Days 2013/2014
Customer Service and Improvement				
Leisure				
Human Resources and Payroll				

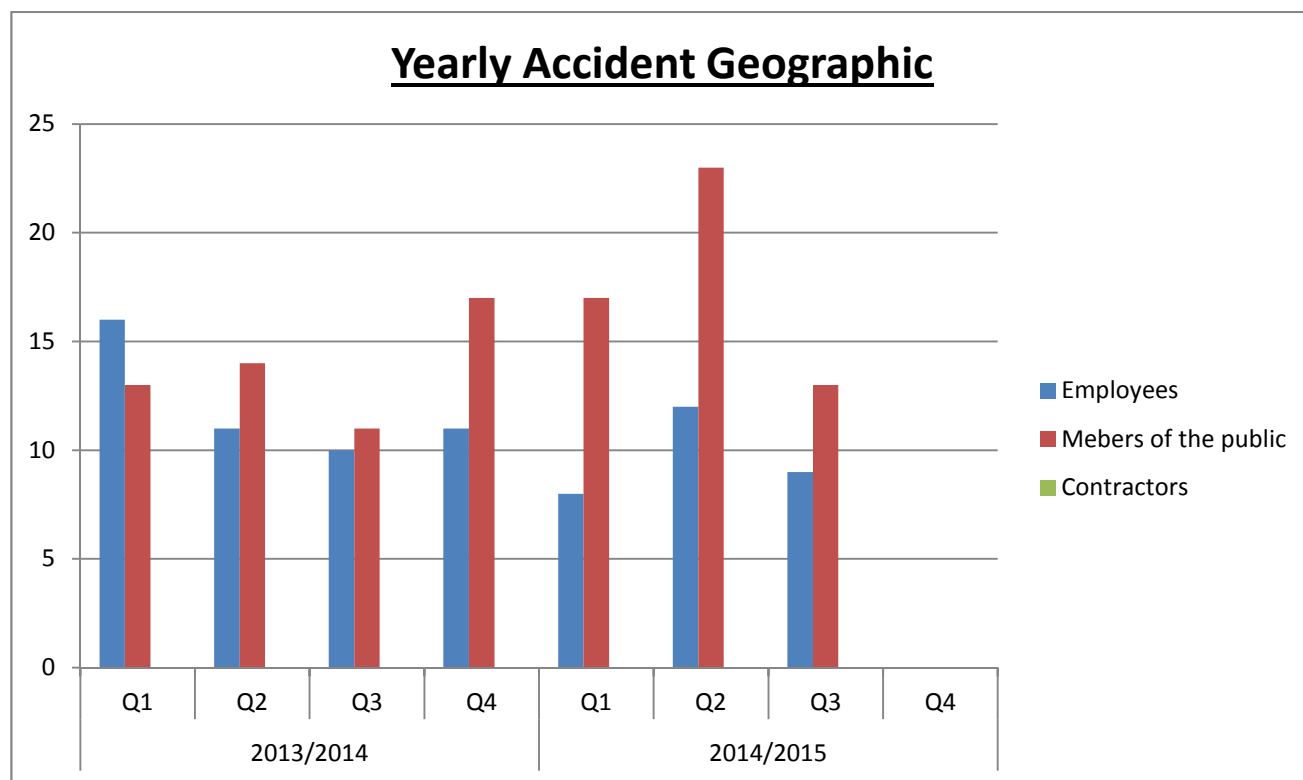
Economic Growth				
Planning and Environmental Health				
Governance and Monitoring				
Finance/Revenues and Benefits				
Property & Estates				
Street Scene	6	84		
Housing	11	48		345
<b>TOTAL</b>	<b>17</b>	<b>132</b>	<b>0</b>	<b>345</b>



#### 1.1.4 Accident Geographic

MONTH	2014/2015			2013/2014		
	Employees	Members of the Public	Contractor	Employees	Members of the Public	Contractor
April	1	6	0	4	5	0
May	2	3	0	8	3	0
June	5	8	0	4	5	0
July	4	5	0	9	1	0
August	4	9	0	1	10	0
September	4	9	0	1	3	0
October	3	11	0	4	1	0

November	5	1	0	3	10	0
December	1	0	0	3	0	0
January				1	6	0
February				7	3	0
March				3	8	0
1 <sup>st</sup> Quarter	8	17	0	16	13	0
2 <sup>nd</sup> Quarter	12	23	0	11	14	0
3 <sup>rd</sup> Quarter	9	13	0	10	11	0
4 <sup>th</sup> Quarter				11	17	0
<b>TOTALS</b>	<b>29</b>	<b>53</b>	<b>0</b>	<b>48</b>	<b>55</b>	<b>0</b>

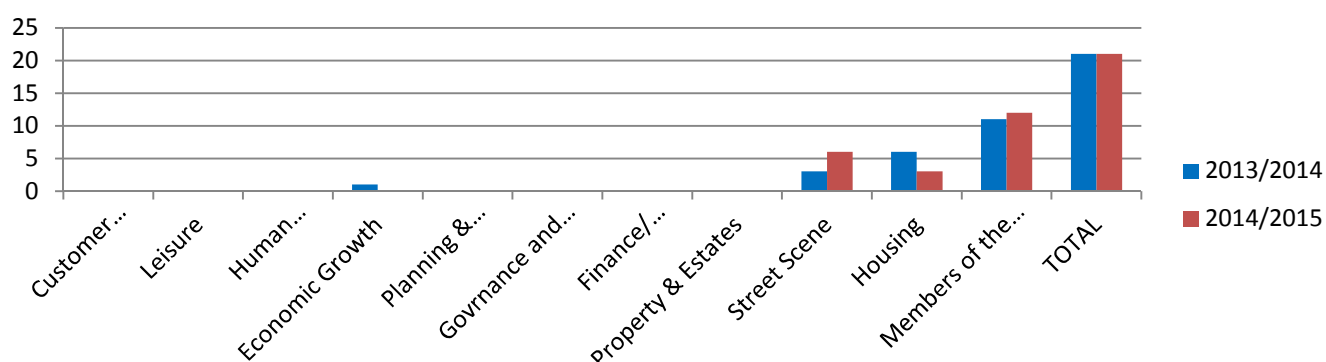


#### 1.1.4 Operational Area Accidents

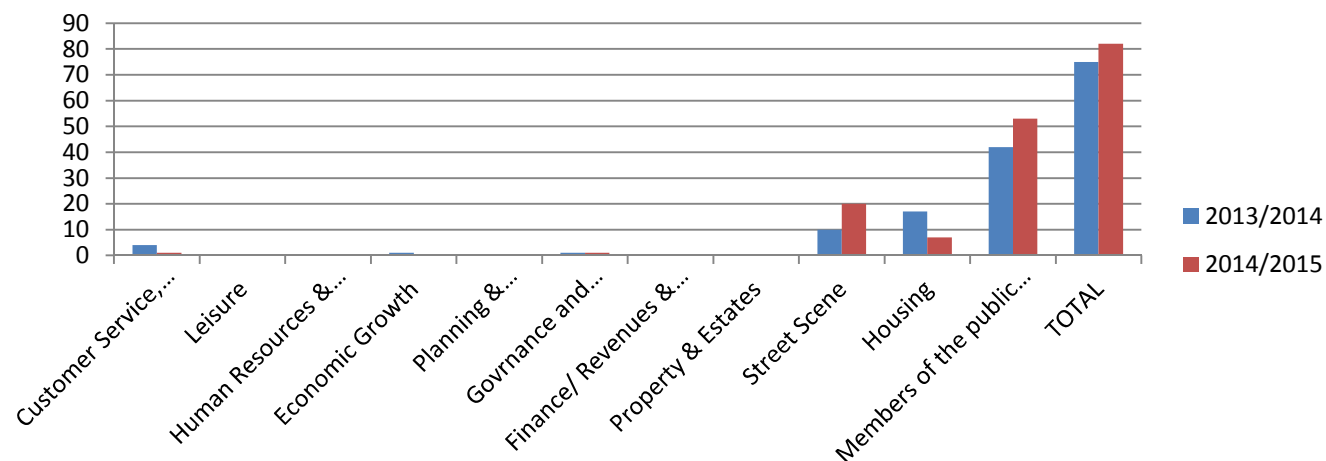
	3 <sup>rd</sup> Quarter Accidents Totals 2013/2014	Yearly Accidents Totals 2013/2014	3 <sup>rd</sup> Quarter Accidents Totals 2014/2015	Yearly Accidents Totals 2014/2015
Customer Service & Improvement		4		1
Leisure				
Human Resources & Payroll				
Economic Growth	1	1		
Planning & Environmental Health				

Governance and Monitoring		1		1
Finance/ Revenues & Benefits				
Property & Estates				
Street Scene	3	10	6	20
Housing	6	17	3	7
Members of the Public (Leisure)	11	42	13	53
<b>TOTAL</b>	<b>21</b>	<b>75</b>	<b>22</b>	<b>82</b>

### 3rd Quarter Operational Area Accident Analysis



### Yearly Operational Area Accident Analysis



#### 1.1.5 Incident Root Cause

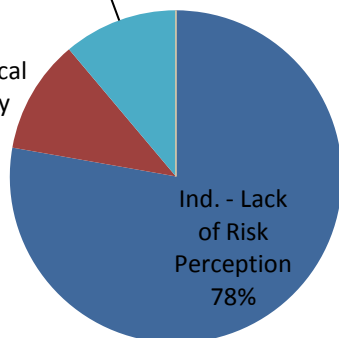
EMPLOYEE ROOT CAUSE CATEGORIES	1 <sup>st</sup> Quarter	2 <sup>nd</sup> Quarter	3 <sup>rd</sup> Quarter	4 <sup>th</sup> Quarter	Cause Totals
Ind. - Lack of Risk Perception	3	8	7		18
Ind. - Physical Capability	0	1	1		2
Ind.- Behavioural Capabilities	5	0	0		5
Ind. Poor Housekeeping Standards	0	1	0		1

Ind. -PPE Supplied not Used	0	0	0		0
Org - Inadequate Risk Control Selection	0	0	0		0
Org - Inadequate Operational Methods	0	0	0		0
Org - Systems of Work	0	0	0		0
Org - Inadequate Training	0	1	0		1
Org - Absence of adequate Rules	0	0	0		0
Org - Inadequate Maintenance Systems	0	0	1		1
Org - Inadequate House Keeping	0	0	0		0
Equipment/ Tools Defective	0	0	0		0
Equipment/ Poor Design	0	0	0		0
3rd Party Influence- member of the public	0	1	0		1
<b>Quarterly Totals</b>	<b>8</b>	<b>12</b>	<b>9</b>		<b>29</b>

### 3rd Quarter Employee Root Cause Analysis

Org - Inadequate  
Maintenance Systems  
11%

Ind - Physical  
Capability  
11%



Ind. - Lack  
of Risk  
Perception  
78%

■ Ind. - Lack of Risk Perception

■ Ind - Physical Capability

■ Ind- Behavioural Capabilities

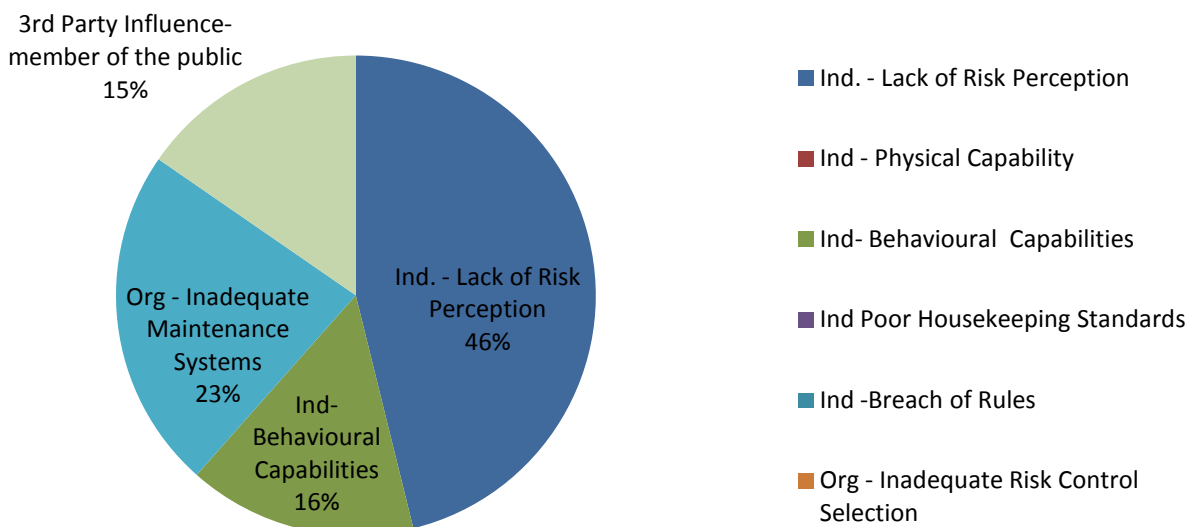
■ Ind Poor Housekeeping Standards

■ Ind -PPE Supplied not Used

<b>PUBLIC ROOT CAUSE CATEGORIES</b>	<b>1<sup>st</sup> Quarter</b>	<b>2<sup>nd</sup> Quarter</b>	<b>3<sup>rd</sup> Quarter</b>	<b>4<sup>th</sup> Quarter</b>	<b>Cause Totals</b>
Ind. - Lack of Risk Perception	7	2	6		15
Ind. - Physical Capability	0	0	0		0
Ind.- Behavioural Capabilities	9	3	2		14
Ind. Poor Housekeeping Standards	0	0	0		0

Ind. –Breach of Rules	0	4	0		4
Org - Inadequate Risk Control Selection	0	0	0		0
Org - Inadequate Operational Methods	0	0	0		0
Org - Systems of Work	0	0	0		0
Org - Inadequate Training	0	0	0		0
Org - Absence of adequate Rules	1	0	0		1
Org - Inadequate Maintenance Systems	2	0	3		5
Org - Inadequate House Keeping	0	0	0		0
Equipment/ Tools Defective	0	0	0		0
3rd Party Influence- member of the public	4	0	2		6
<b>Quarterly Totals</b>	<b>23</b>	<b>9</b>	<b>13</b>		<b>45</b>

### **3rd Quarter Public Root Causr Analysis**



#### **1.1.6 Key Issues Identified.**

- The two main causes of employee accidents are Slip, trips and falls and struck by moving objects. Each of these areas accounted for 1/3 of all employee accidents recorded with the remaining accidents involving falls from height, contact with machinery and medical conditions.
- All public accidents recorded fell into one of three categories strikes against fixed objects (50%), slips, trips and falls (33%), and sporting activities (17%).

- Though the overall number of accidents occurring has fallen there has been a rise in the number of lost time and RIDDOR Reportable incidents compared with the same period in 2013/2014.
- The number of days lost recorded for the quarter has increased from the same period last year however the yearly overall figure to the end of the 3<sup>rd</sup> Quarter has decreased by 62%.
- There has been a slight reduction in the number employee accidents recorded from the same period last year whilst the level of public accidents has slightly risen. The rise in public accidents may be due to improved accident reporting systems introduced from the start of the 4<sup>th</sup> Quarter last year and as such a true comparison of performance may not be possible until the 4<sup>th</sup> Quarter figures are received.
- All employee accidents occurring in the quarter involved staff working for either Street Scene or Housing Services which is in line with expectations as these are the two highest risk areas the authority operates in.
- The main route cause of employee accidents lack of risk perception which accounted for 78% of accidents. The only other causes were individual physical capabilities (11%), Organisational Inadequate Maintenance Systems (11%).
- There are four main route cause of public accidents which are a lack of risk perception (46%), Organisational Inadequate Maintenance Systems (23%), Individual behaviour capabilities (16%) and 3<sup>rd</sup> Party Influence(15%).

## 1.2 KEY PERFORMANCE INDICATORS

### Accident Incident Rate (AIR)

$$\begin{aligned}
 \text{AIR} &= \frac{\text{Number of Reportable Accidents over last 12 months} \times 100,000}{\text{Average Number of Employees for Period}} \\
 &= \frac{4 \times 100,000}{489} \\
 &= 818 \text{ (As at 31<sup>st</sup> December 2014 up from 613 at end of 2nd Quarter)}
 \end{aligned}$$

### Accident Frequency Rate (AFR)

$$\text{AFR} = \frac{\text{Number of Reportable Accidents} \times 100,000}{\text{Total Number of Person Hours Worked}}$$

Total Number of Hours Worked = Weekly Hours X Number of Weeks (50 is taken as base a base figure) X Number of Employees

$$= \frac{4 \times 100,000}{37 \times 50 \times 489}$$

$$= \frac{400,000}{904650}$$

= 0.44 (As at 31<sup>st</sup> December 2014 up from 0.33 at end of 2nd Quarter)

### **Hours since Last Reportable Accident**

Person Hours Worked per Day X Number of days since Last Reportable Accident

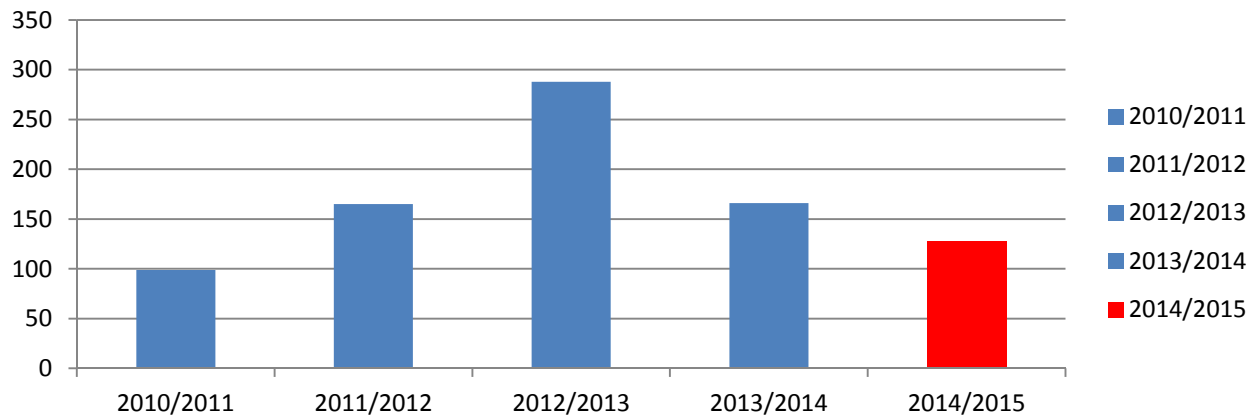
$$= (5.29 \times 489) \times 61$$

$$= 157,795 \text{ Hours (as at 19<sup>th</sup> January 2015)}$$

## **1.4 STRESS RELATED ILLNESS**

<b>DIRECTORATE AND NUMBER OF EMPLOYEES AFFECTED</b>	<b>NO OF WORKING DAYS LOST</b>
<b>TRANSFORMATION</b>	
<b>0</b>	<b>0</b>
<b>GROWTH</b>	
<b>0</b>	<b>0</b>
<b>OPERATIONS</b>	
<b>3</b>	<b>128</b>

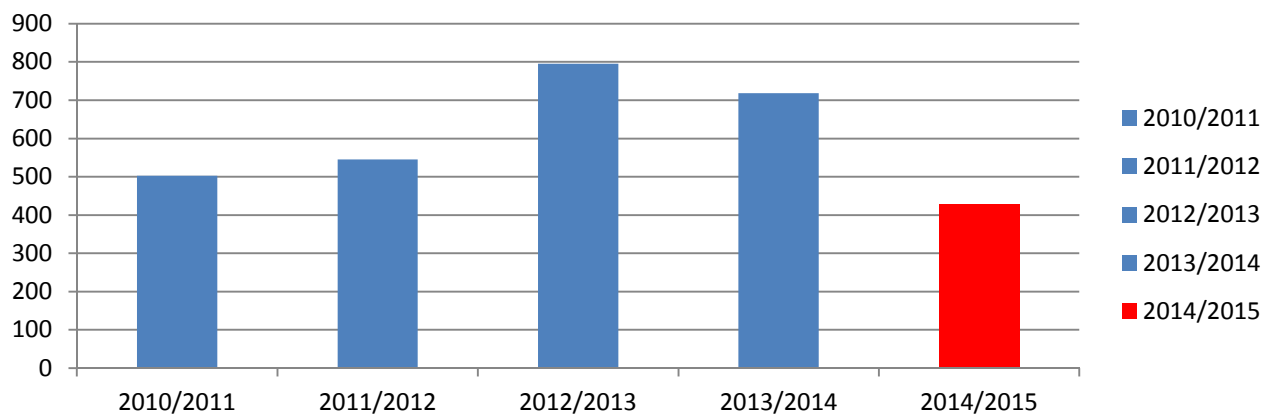
### **Stress Related Sickness** **(3rd Quarter)**



### **NUMBER OF DAYS LOST TO STRESS**

Financial Year	Apr- June	July - Sep	Oct - Dec	Jan-Mar	Yearly Total
2010/2011	147	87	99	170	503
2011/2012	121	86	165	173	545
2012/2013	172	187	288	148	795
2013/2014	159	167	166	226	650
2014/2015	158	144	128		302

### **Stress Related Sickness** **(Yearly Totals)**



Date Of Incident	Incident Details	Injury Type	Type of Incident	Section	Incident Severity	Lost Time Days (Actual)	Reportable
04/12/2014	Whilst putting up Christmas decorations from step ladders, ladders collapsed causing individual to fall to floor	Bruising Strain/ Sprain to Back	Fall From Height	Housing	Minor Injury - No Lost Days	Nil	No
20/11/2014	Individual swam to bottom of the swimming pool and hit nose/lip on the bottom of the pool.	Bruising	Struck Fixed Object	N/A	Member of Public - Non Reportable	Nil	No
19/11/2014	Whilst working on consumer unit, individual sat on g crate to undertake work. After finishing work he stood up his back gave way causing pain in lower back.	Other	Medical Condition	Housing	Lost Time (Over 7 Days)	11	Yes
17/11/2014	Injured party Slipped on wet grass outside property	Bruising	Slip , Trip, Fall	Housing	Minor Injury - No Lost Days	Nil	No
12/11/2014	Whilst cutting cherry tree with chainsaw Dust went into operatives eye	Eye Injuries	Struck by Moving Object	Street Scene	Minor Injury - No Lost Days	Nil	No
11/11/2014	Whilst cleaning grassed area at property individual tripped on item buried in grass.	Bruising Strain/ Sprain Back	Slip Trip Fall on Same Level	Street Scene	Minor Injury - No Lost Days	Nil	No

Date Of Incident	Incident Details	Injury Type	Type of Incident	Section	Incident Severity	Lost Time Days (Actual)	Reportable
10/11/2014	Whilst using hedge cutter the cutter slipped and caught operatives right knee	Cuts & Abrasions	Contact with Moving Machinery	Street Scene	Minor Injury - No Lost Days	Nil	No
31/10/2014	Cut finger when cup dropped in kitchen and smashed	Cuts & Abrasions	Struck by Moving Object	Housing Service	Minor Injury - No Lost Days	Nil	No
29/10/2014	A Girl Fell Off Inflatable & Kicked child In The Face, Underneath His Right Eye, Causing Swelling & Bruising.	Bruising	Sports Activity	N/A	Member of Public - Non Reportable	Nil	No
23/10/2014	Swimming in pool, Banged Leg On Side Of Pool.	Bruising	Struck Fixed Object	N/A	Member of Public - Non Reportable	Nil	No
23/10/2014	Slipped On Floor Of Squash Court 2, bruising left knee & pulled right hip.	Bruising Strain/ Sprain Hip	Sporting Activity	N/A	Member of Public - Non Reportable	Nil	No
21/10/2014	Individual grazed toe against side of pool.	Abrasion	Struck against fixed object	N/A	Member of Public - Non Reportable	Nil	No
17/10/2014	Branch caught vehicle wing mirror causing housing to fly off through driver's side open window striking driver on the arm.	Bruising	Struck by Moving Object	Street Scene	Minor Injury - No Lost Days	Nil	No

Date Of Incident	Incident Details	Injury Type	Type of Incident	Section	Incident Severity	Lost Time Days (Actual)	Reportable
16/10/2014	Swimming Butterfly Legs, individual Hit Head On Side Of Pool.	Bruising	Struck against fixed object	N/A	Member of Public - Non Reportable	Nil	No
11/10/2014	Child fell off inflatable & caught another child in the left eye.	Bruising	Sporting Activity	N/A	Member of Public - Non Reportable	Nil	No
10/10/2014	Injured party slipped on path leading to main entrance of the Arc.	Bruising	Slip Trip Fall on Same Level	N/A	Member of Public - Non Reportable	Nil	No
10/10/2014	Injured party slipped on path leading to main entrance of the Arc.	Bruising	Slip Trip Fall on same Level	N/A	Member of Public - Non Reportable	Nil	No
05/10/2014	Whilst walking across car park talking to a colleague injured party caught his foot on a kerb edging and fell to the floor.	Heavy Bruising	Slip Trip Fall on same Level	N/A	Member of Public - Non Reportable	Nil	No
05/10/2014	Individual jumped in pool and grazed big toe on grate	Abrasion	Nil	N/A	Member of Public - Non Reportable	Nil	No
03/10/2014	During School swimming lesson individual climbed out of pool and found a small cut (1cm) to the end of his big toe on his right foot.	Cuts & Abrasions	Struck against fixed object	N/A	Member of Public - Non Reportable	Nil	No

Date Of Incident	Incident Details	Injury Type	Type of Incident	Section	Incident Severity	Lost Time Days (Actual)	Reportable
03/10/2014	Child tripped over another child on the squash courts and banged left side of his head	Bruising	Sporting Activity	N/A	Member of Public - Non Reportable	Nil	No
02/10/2014	Whilst working on motor vehicle injured party got out of to check outside and as he lent in to switch of lights he caught drive control on steering column causing car to jolt forward off ramp trapping him between vehicle and ramp post	Severe Bruising	Struck by Moving Object	Street Scene	Lost Time (Under 7 Days)	6	No

## **2      Conclusions and Reasons for Recommendation**

All Items – It is recommended that the committee consider and note the information provided.

## **3      Consultation and Equality Impact**

The report will be formally reviewed at the health and safety pre-meeting scheduled for the 21<sup>st</sup> January 2015. Any issues highlighted by this process will then be referred to the Equalities and Diversities' Officer for guidance and resolution.

## **4      Alternative Options and Reasons for Rejection**

Not applicable for this report.

## **5      Implications**

### **5.1      Finance and Risk Implications**

It is not envisaged that there is any significant financial implications connected with this report as the report seeks to provide the Safety Committee with accident performance data to enable it to effectively monitor the authorities overall health and Safety performance and any financial outlays would have already been addressed as part of the accident investigation process.

### **5.2      Legal Implications including Data Protection**

The report should not have any legal implications on the authority other than ensuring that sufficient information has been supplied to ensure it can manage its health and safety provision and meet all requirements of the Management of Health and Safety Regulations 1999.

### **5.3      Human Resources Implications**

There are no initial human resources implications connected with this report however Should accident investigation findings show the individual or individuals have failed to work appropriately in-line with agreed procedures then it may be necessary to evoke the authority's disciplinary procedures as a means of dealing with this.

## **6      Recommendations**

It is recommended that the committee consider and note the information provided.

## 7 Decision Information

<b>Is the decision a Key Decision?</b> (A Key Decision is one which results in income or expenditure to the Council of £50,000 or more or which has a significant impact on two or more District wards)	No
<b>District Wards Affected</b>	
<b>Links to Corporate Plan priorities or Policy Framework</b>	

## 8 Document Information

Appendix No	Title
	Not applicable for this report
<b>Background Papers</b> (These are unpublished works which have been relied on to a material extent when preparing the report. They must be listed in the section below. If the report is going to Cabinet (NEDDC) or Executive (BDC) you must provide copies of the background papers)	
Not applicable for this report	
Report Author	Contact Number
Health and Safety Advisor	242403

Report Reference –