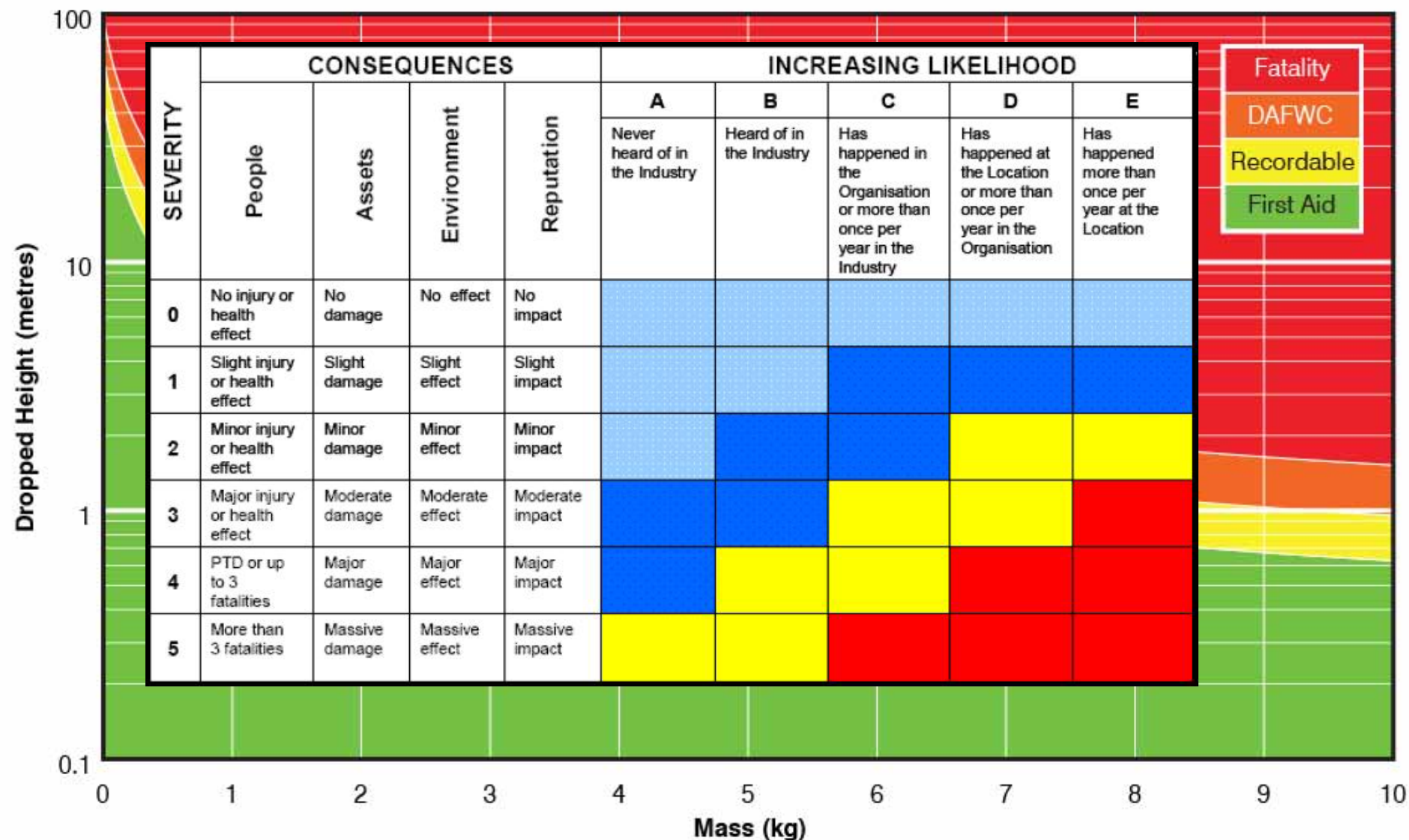


**DROPPED OBJECTS**

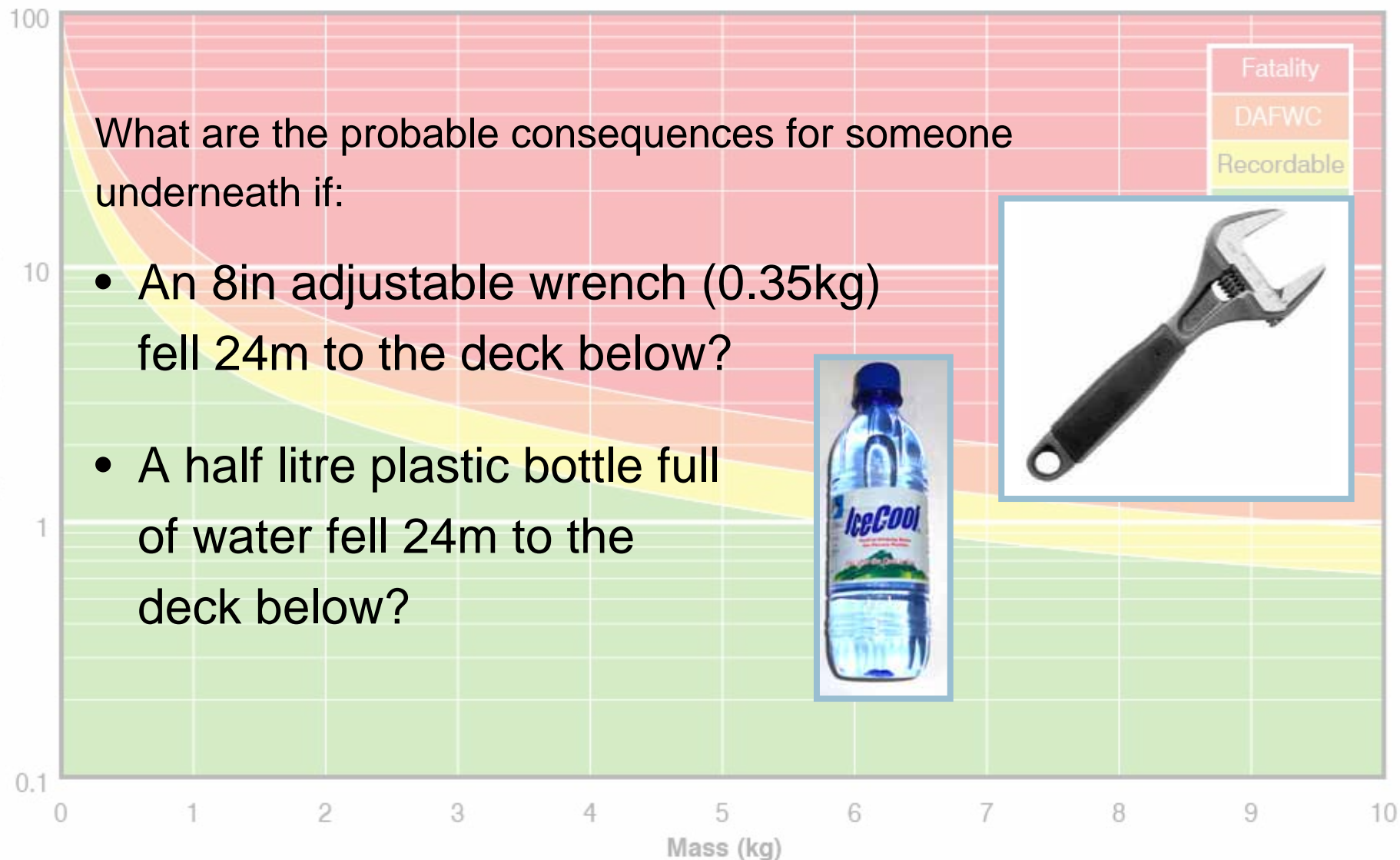
**STILL HARMING**

**STILL KILLING**

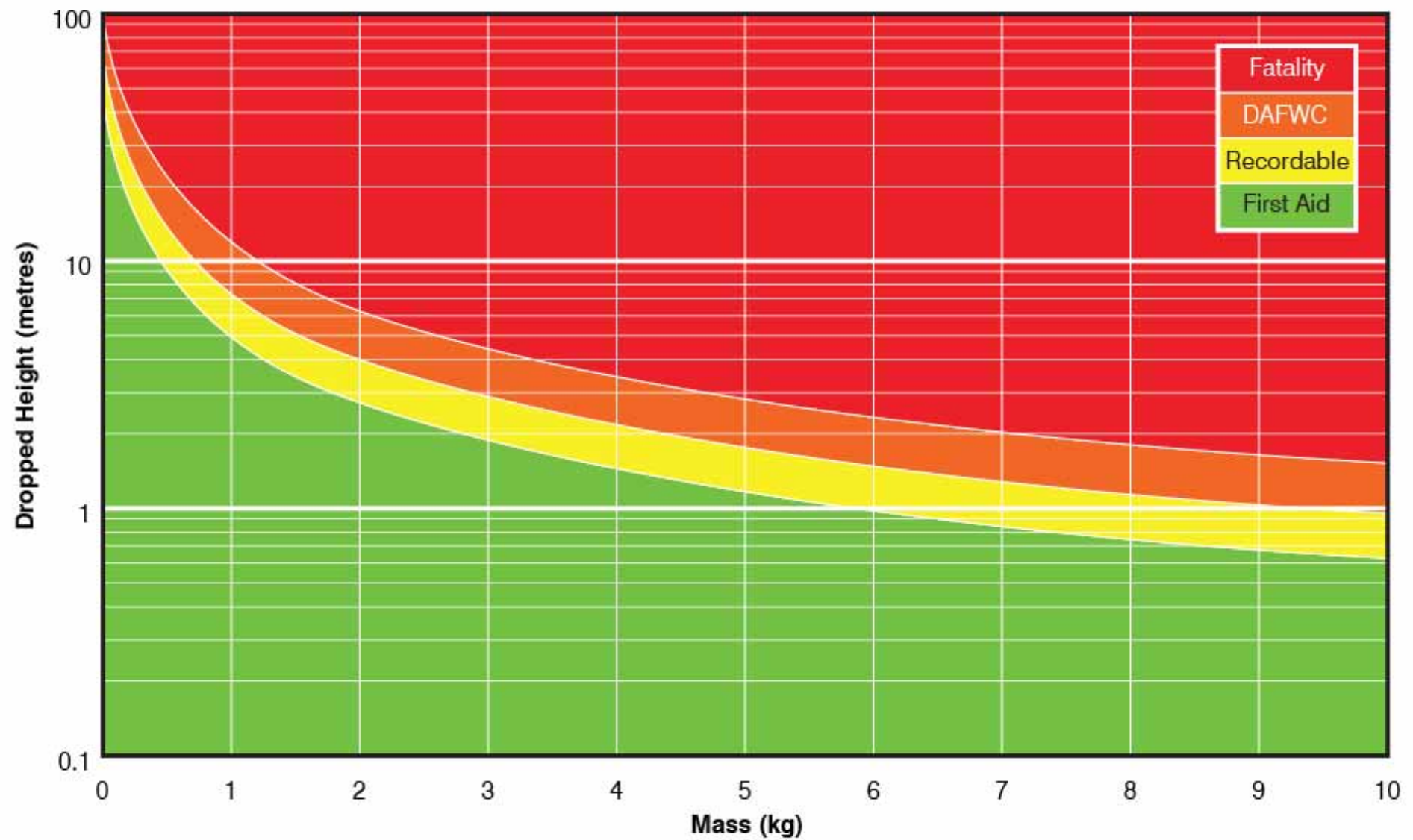




# DROPS CALCULATOR



## EXERCISE



**DROPS CALCULATOR**

















Force 5 Air Winch





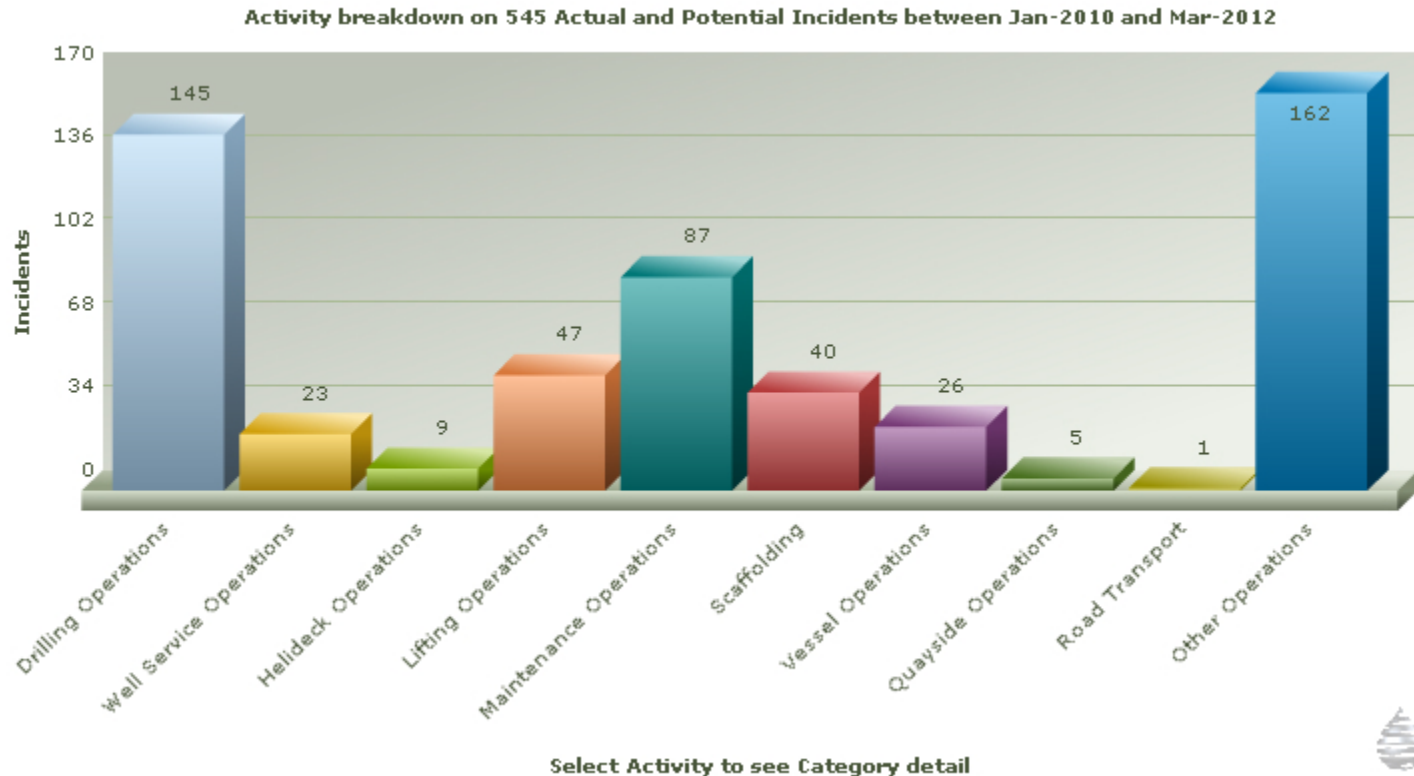


**DROPS**  
DROPPED OBJECTS PREVENTION SCHEME

**DORIS**

Dropped Objects Register of  
Incidents & Statistics



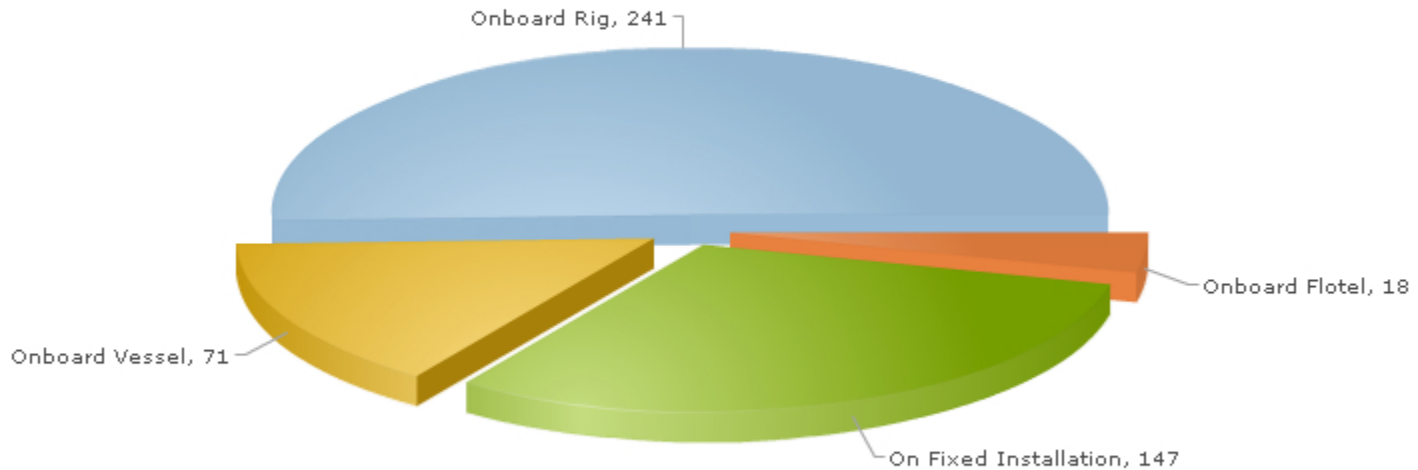


- Incident data continues to grow
- 95% are European North Sea operations (88% of total are offshore related incidents)

Dropped Objects – Activity (Q1 2010 to date)



Offshore location breakdown of 477 Actual and Potential Incidents between Jan-2010 and Mar-2012

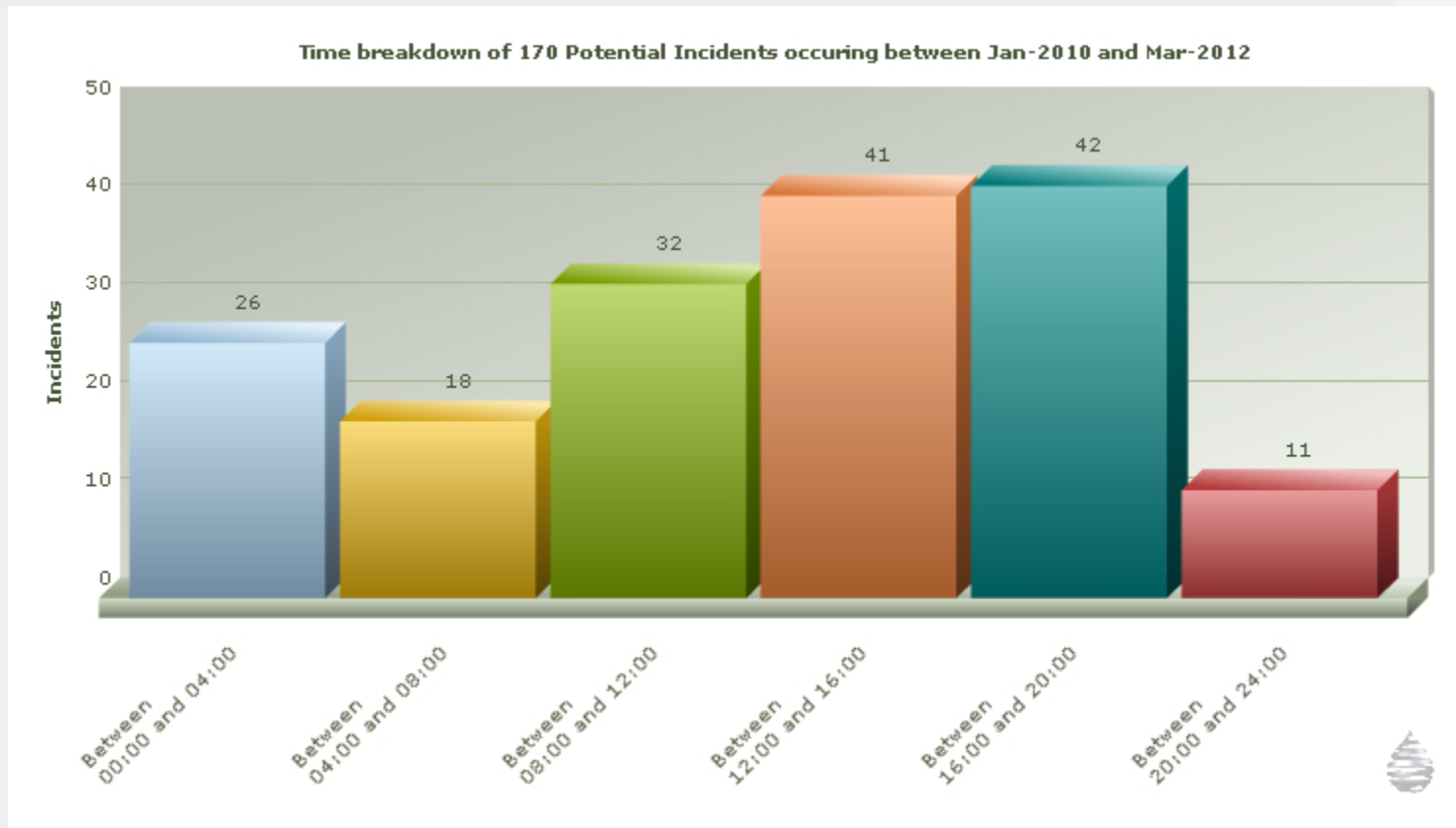


- Data typically reflects drilling related activities offshore - further data can be accessed on each incident through individual secure log in

Dropped Objects – Location (Q1 2010 to date)



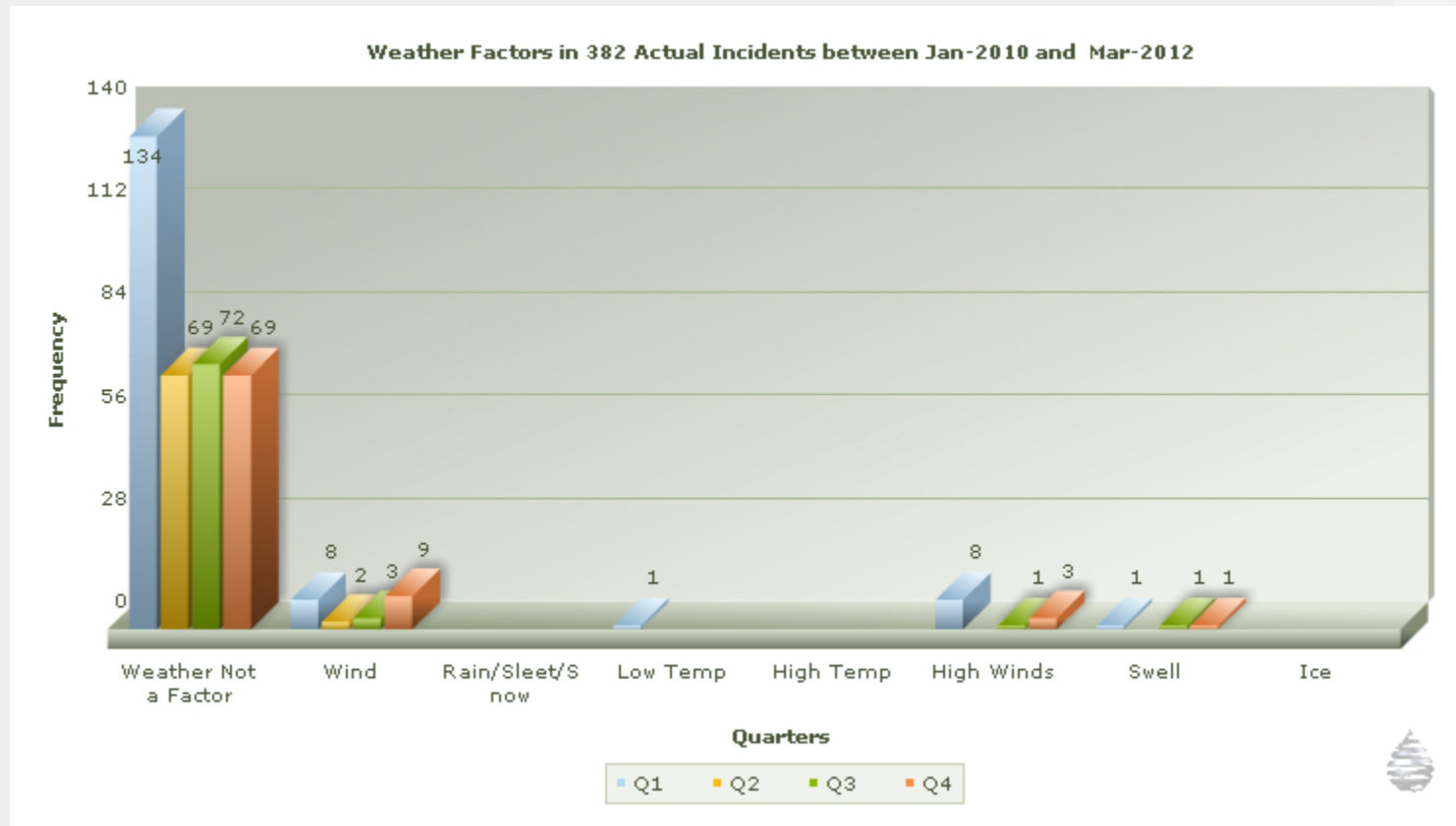




- Interesting data to sort and analyse
- Incidents can be sorted by Actual and Potential types

Dropped Objects – Time Breakdown (Q1 2010 to date)



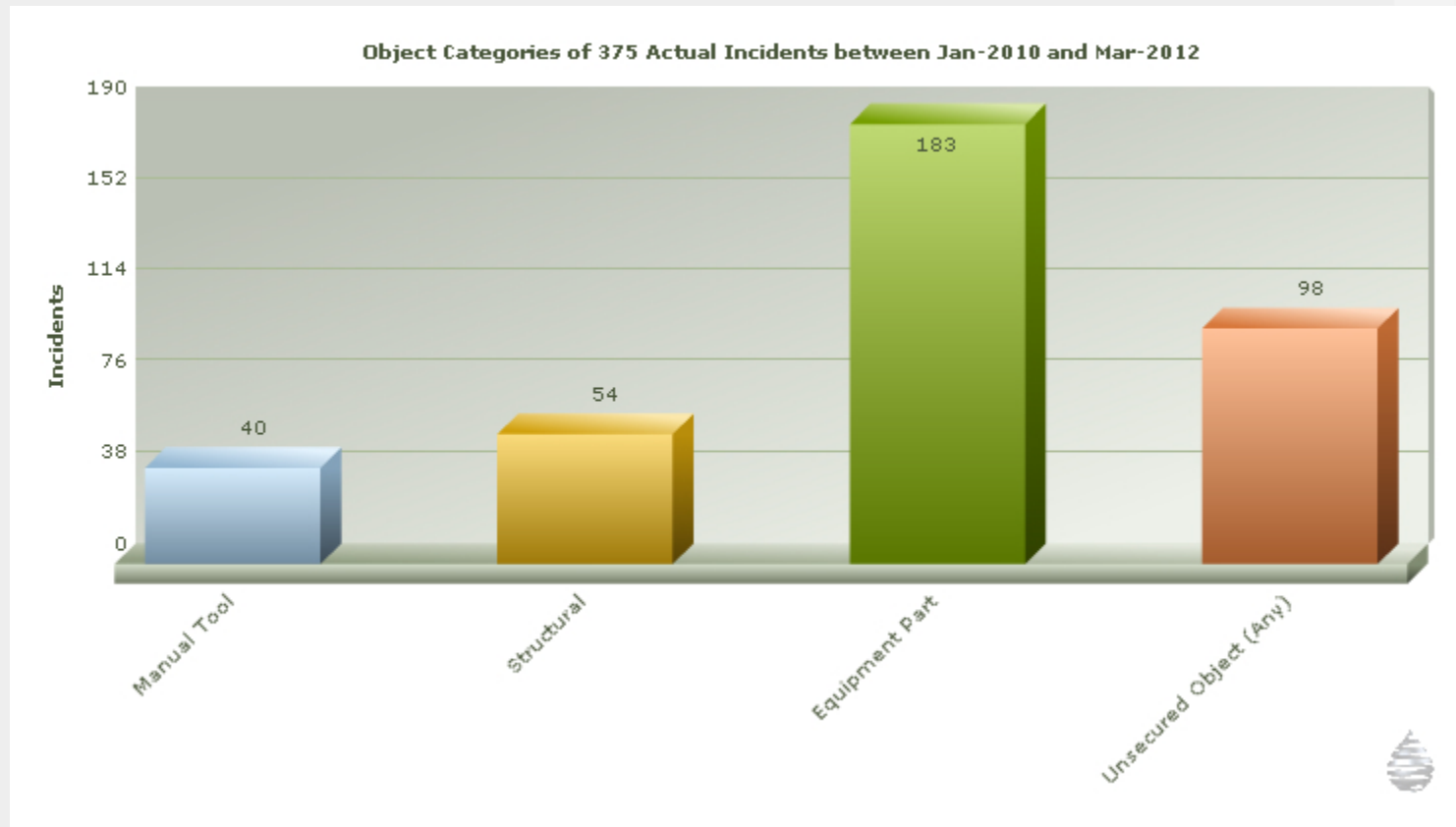


- Weather data not always available
- High Wind / Swells contribute to actual incidents (dynamic/ kinetic)

Dropped Objects – Environmental Factors



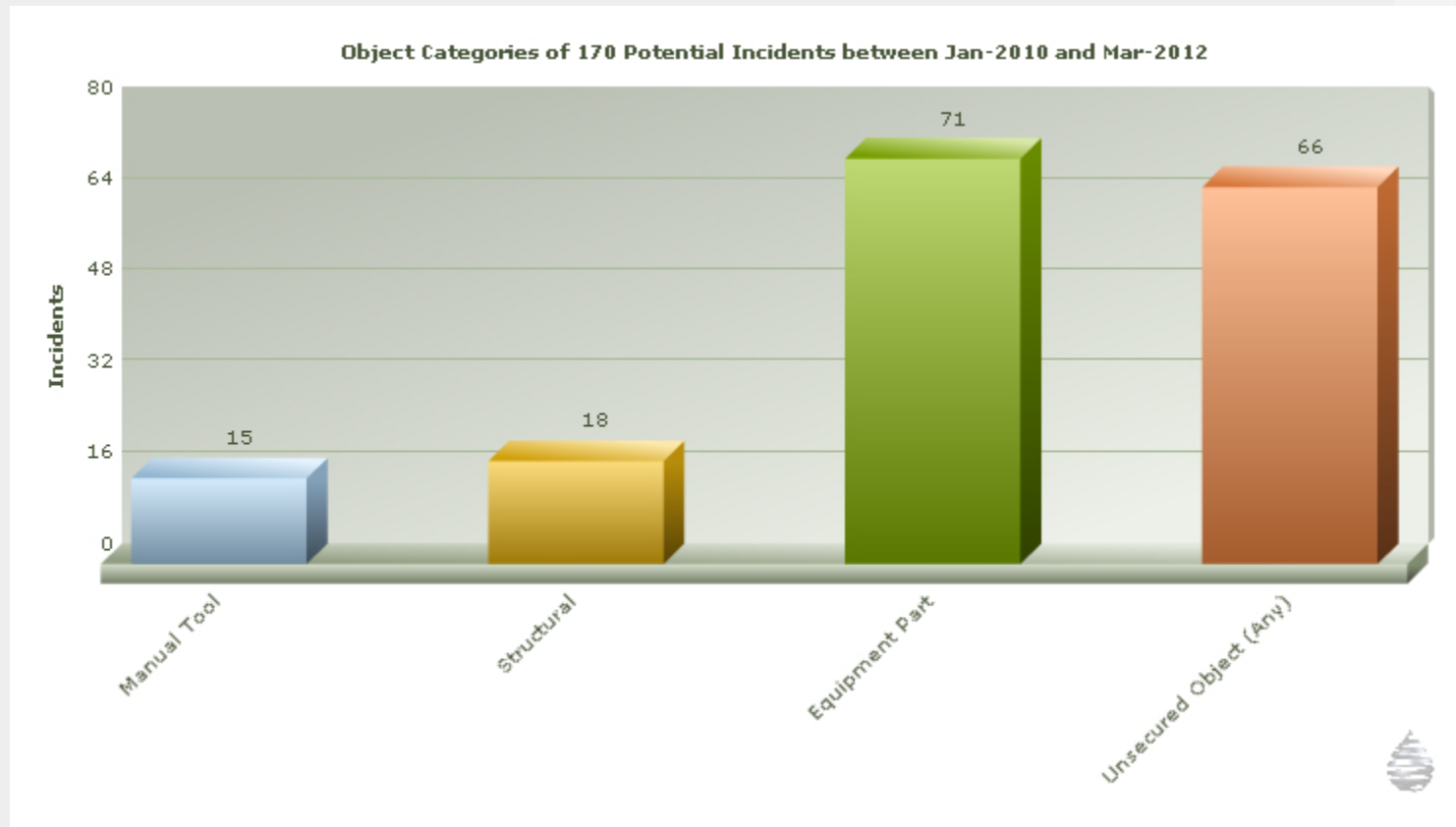




- Interesting trends in Category data...

Dropped Objects – Categories (Actual and Potential)

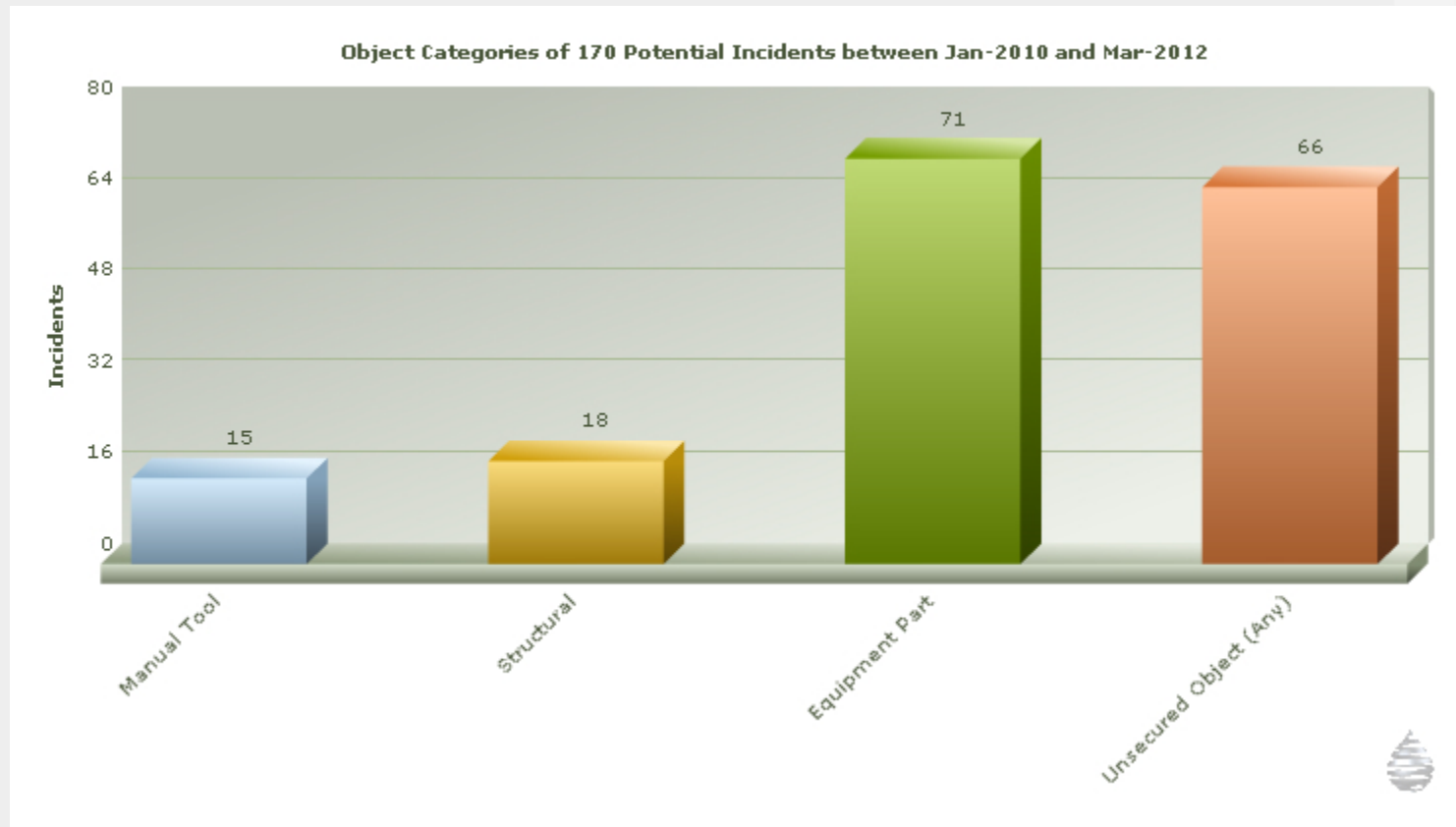




- Data on Potential incidents from Jan 2010 to date – how many potential killers were eliminated!

Dropped Objects – Categories (Potential)





- Data on Potential incidents from Jan 2010 to date – how many potential killers were eliminated! Also highlights greater awareness of need for equipment inspection

Dropped Objects – Categories (Potential)





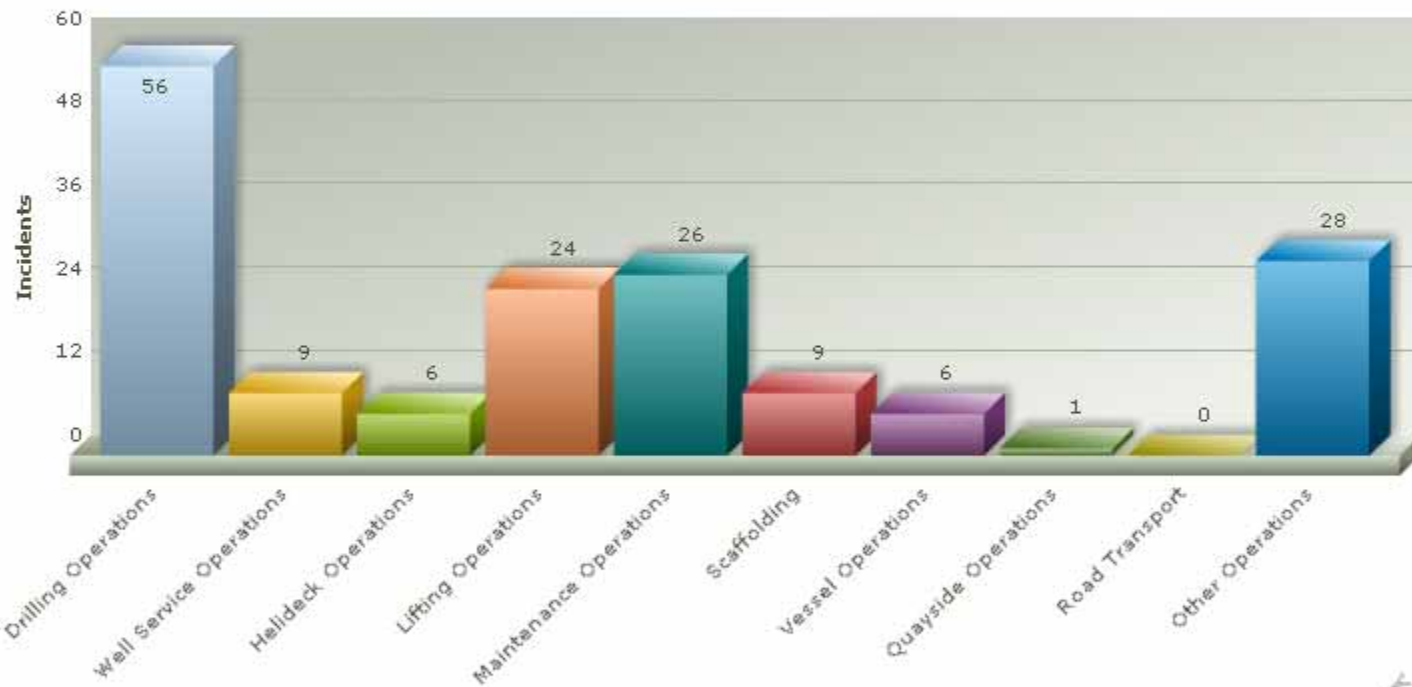


[Date](#) [Location](#) [Environmental Factors](#) [Activity](#) [Details](#) [Object](#) [Consequences](#) [Causes](#)

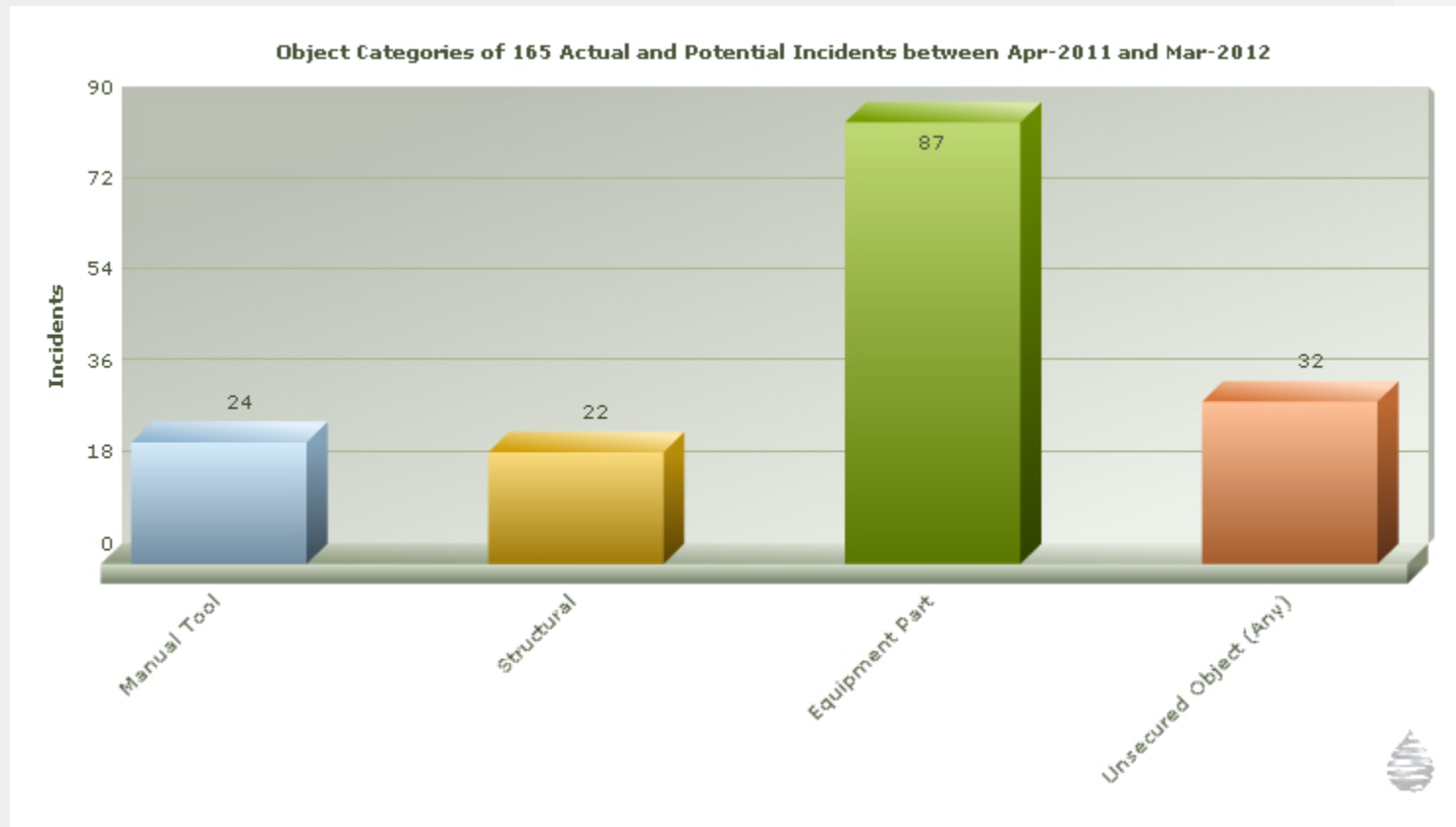
> Time > Overview > Weather > Overview > Static / Dynamic > Category > Personnel Exposed > Overview  
> Onshore > Visibility > Heights > Injury / Fatality  
> Offshore > Weights > Damage

Filter results by Date and Type  to  ☒ All ☐ Actual ☐ Potential

Activity breakdown on 165 Actual and Potential Incidents between Apr-2011 and Mar-2012



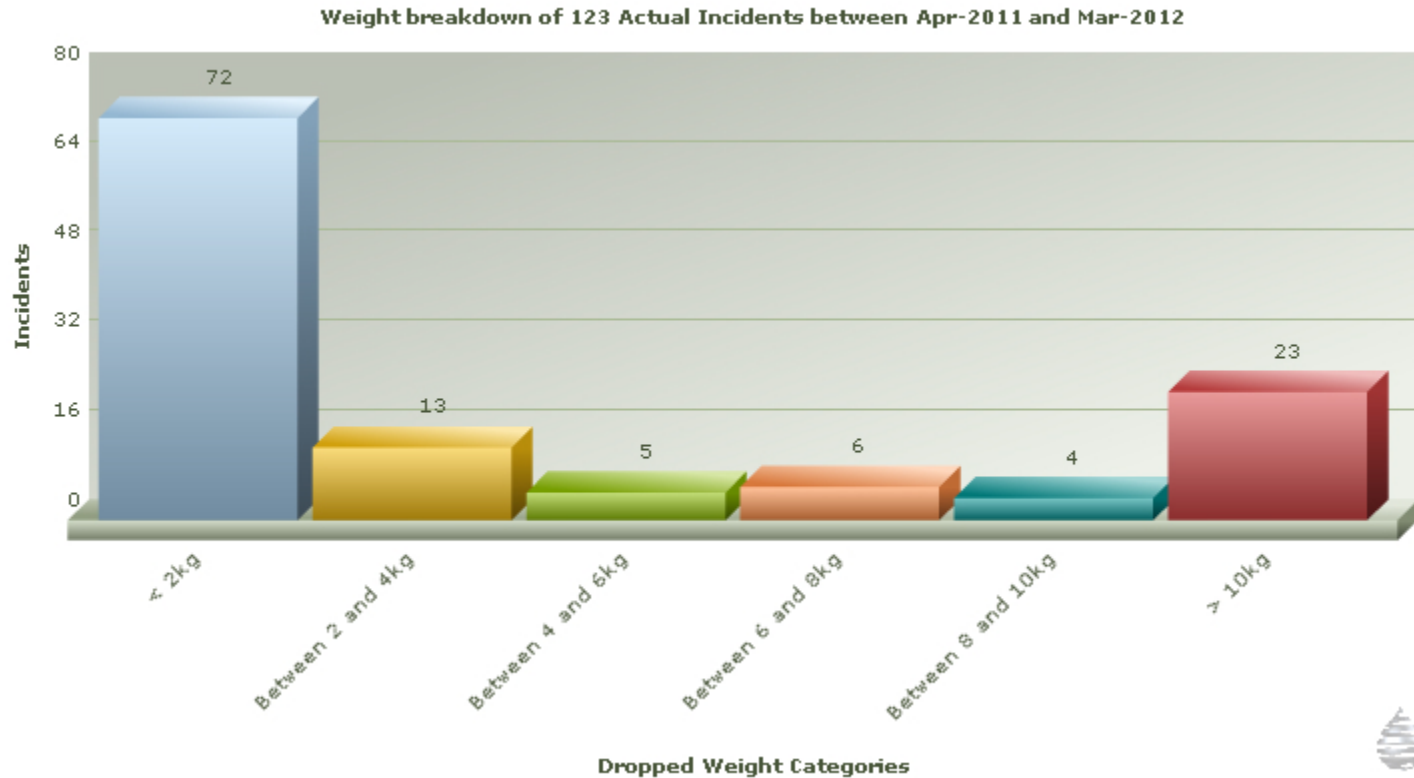
The following data is derived from selecting date range APR 2011 to date – a total of 123 actual and 42 potential incidents, 88% of which are offshore related



- Actual incidents continue the trend from 2010/11. Over half of actual dropped objects are equipment parts.

Dropped Objects – Categories (Actual)



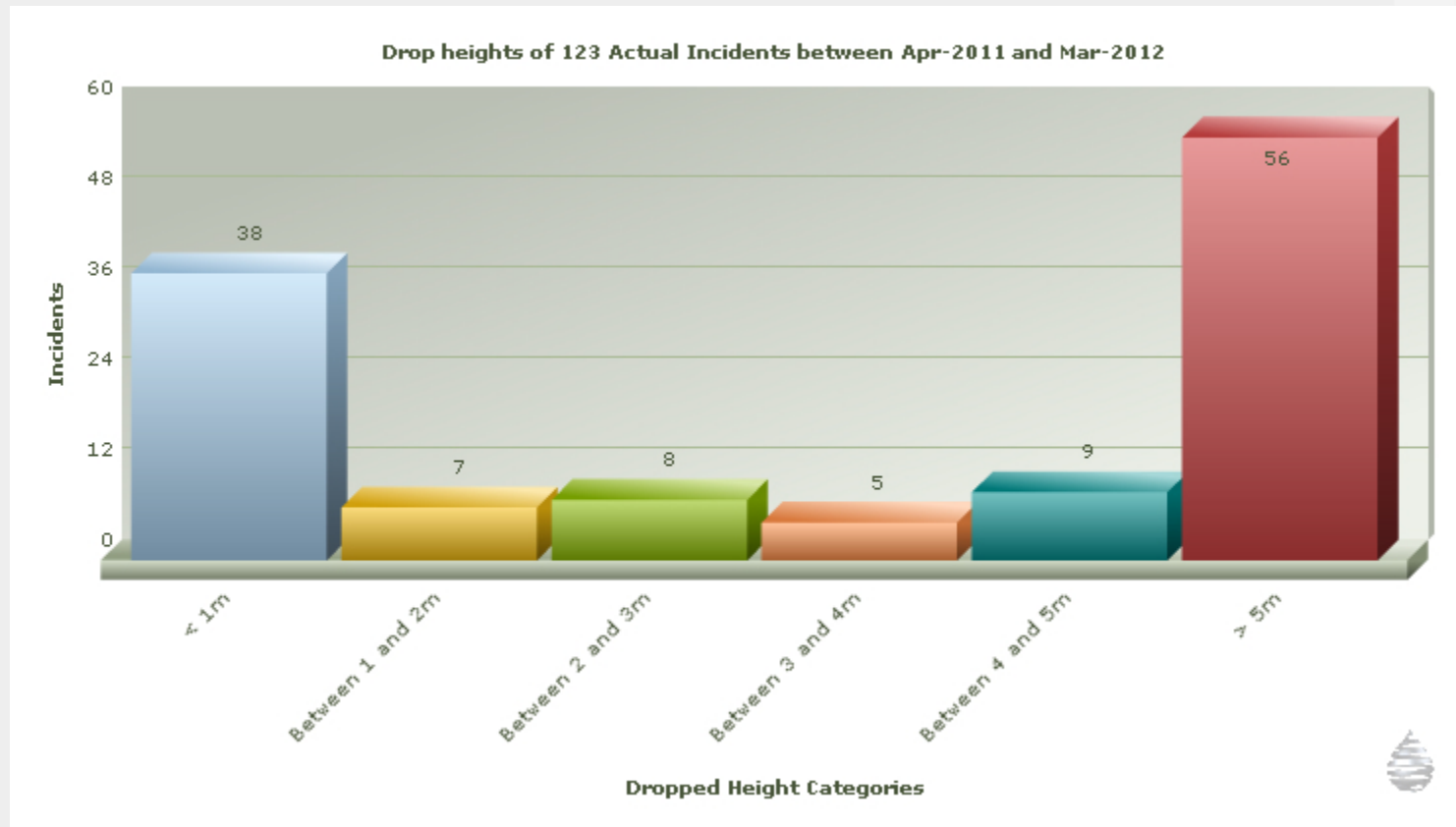


- Actual incidents (April 2011 to date)
- Same trending again!

Dropped Objects – Weights (Actual)



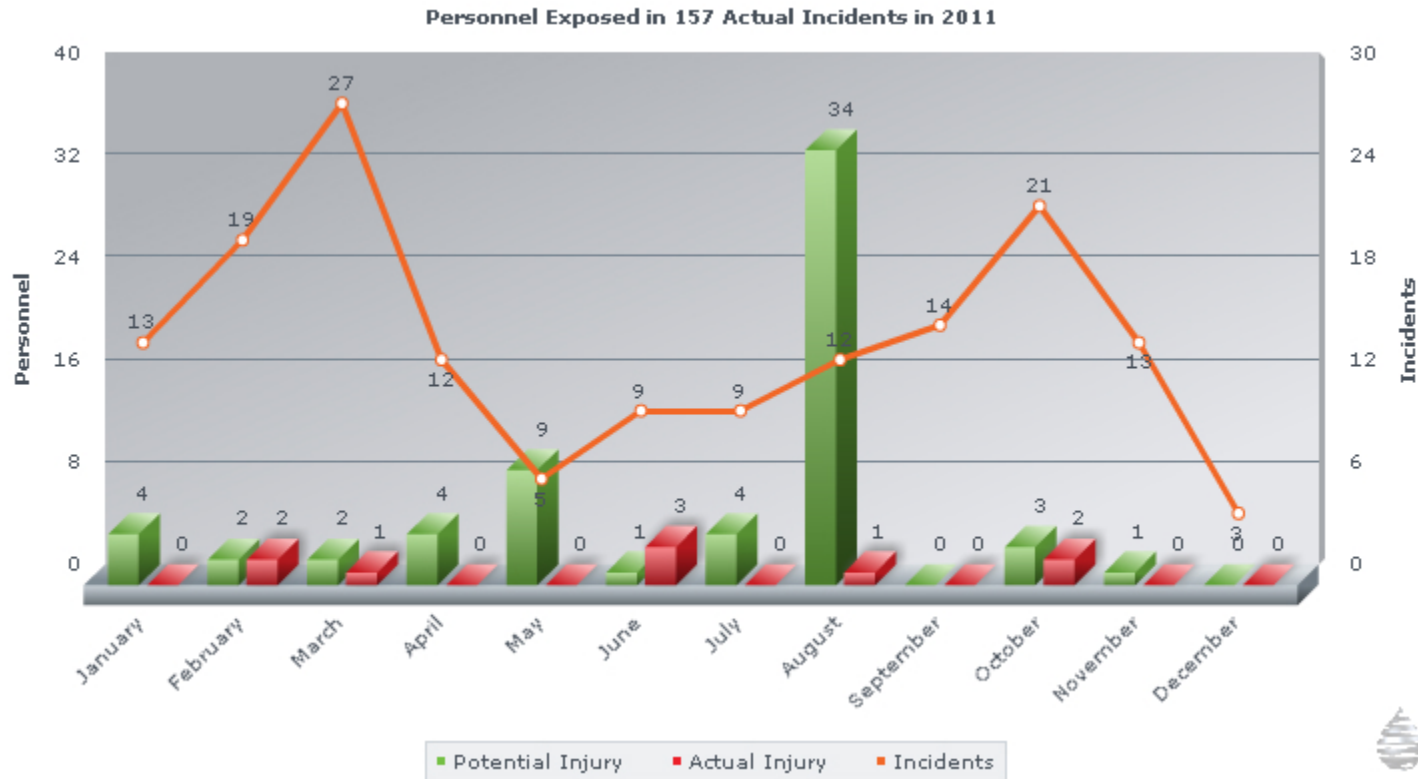




- Again, same trend
- 40% of objects fall from 5m or more

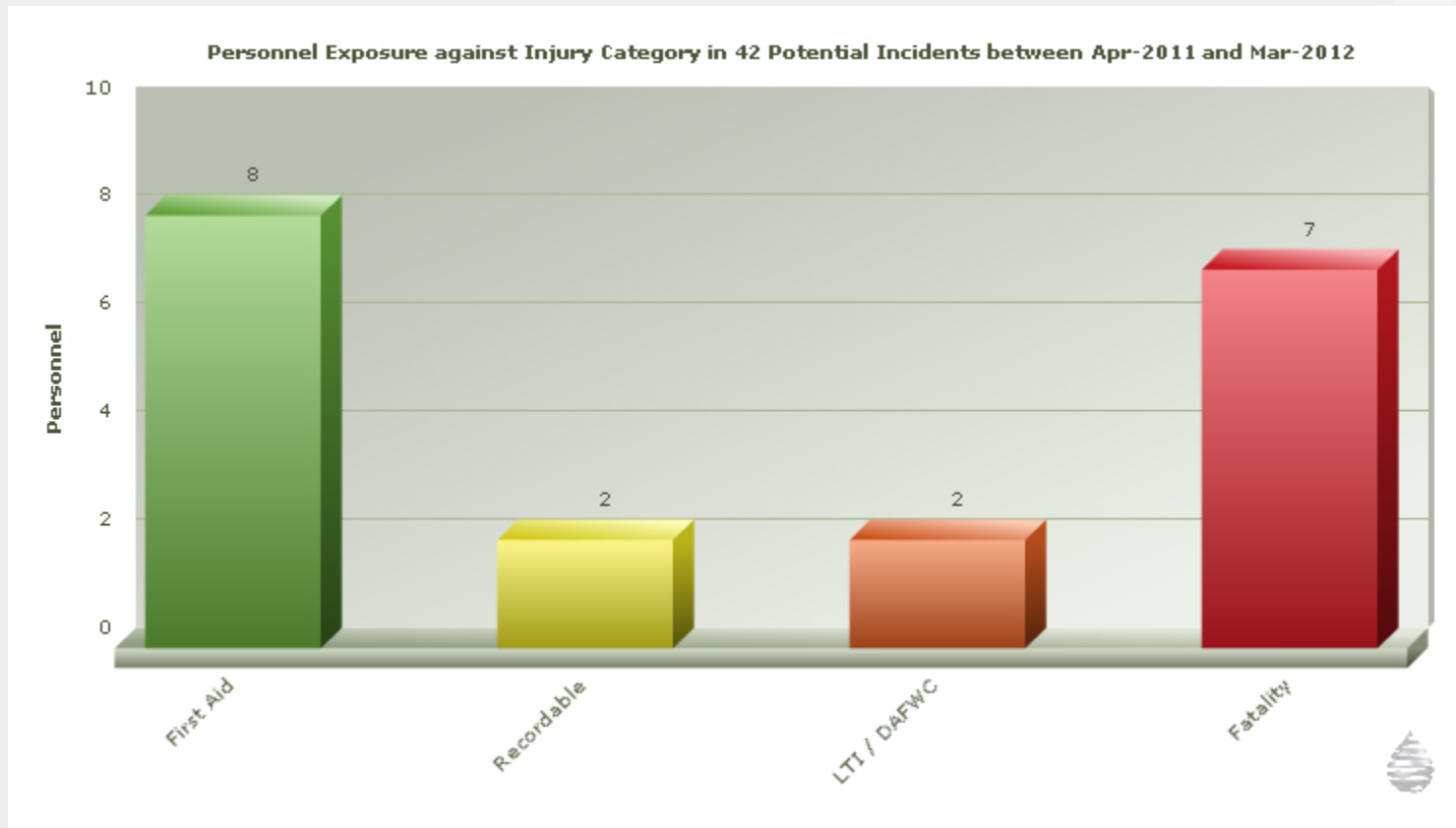
Dropped Objects – Heights (Actual)





- Interesting – but without frequency this is not an accurate picture. Data quality and input process may have a bearing on the graph presentation...

Dropped Objects – Consequences

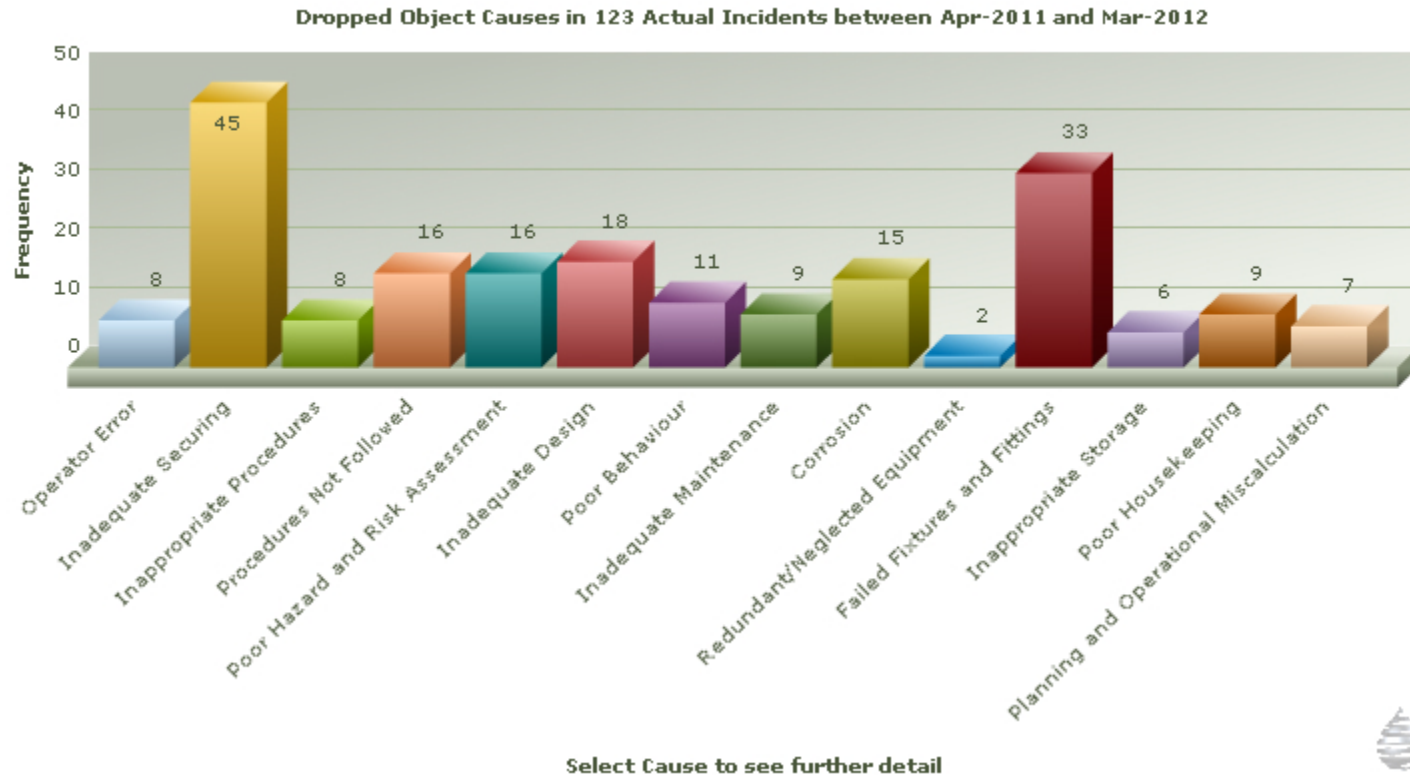


- Actual incidents with actual & potential consequences
- Statistics are showing that a growing percentage of actual dropped object incidents are high potential

Dropped Objects – Consequences







- No real change in trend here, but Inadequate Securing continues to show an increase

## Dropped Objects – The Causes

- Data shows 123 actual dropped objects (42 potential).
  - April 2011 to date – DORIS users only (7 key users)
- 55% of all Dropped Objects are 2kg or less.
  - 18% were greater than 10kg – no improvement
- 30% Dropped objects fall 1m or less.
  - **45% fell from 5m or above – big increase!**
- Personnel were exposed in over 30% of recorded cases.
  - 6 actual injuries (1 LTI)
  - **22 Potential Fatalities** (*from Actual Incidents*)
- Top Causes (a little different from previous data)
  - Inadequate Securing
  - Failed Fixtures & Fittings
  - Inadequate Design
  - Poor Hazard ID and Risk Assessment



- By filtering current data by year, DORIS clearly shows that we have not improved our dropped object prevention performance... **but perhaps we have raised awareness of the problem and the causes?**
- To realise the true value of DORIS, we need data. Please help us out!
- DROPS Admin can help with anonymous input of data – please just ask.





**DROPPED OBJECTS**

**STILL HARMING**

**STILL KILLING**

