

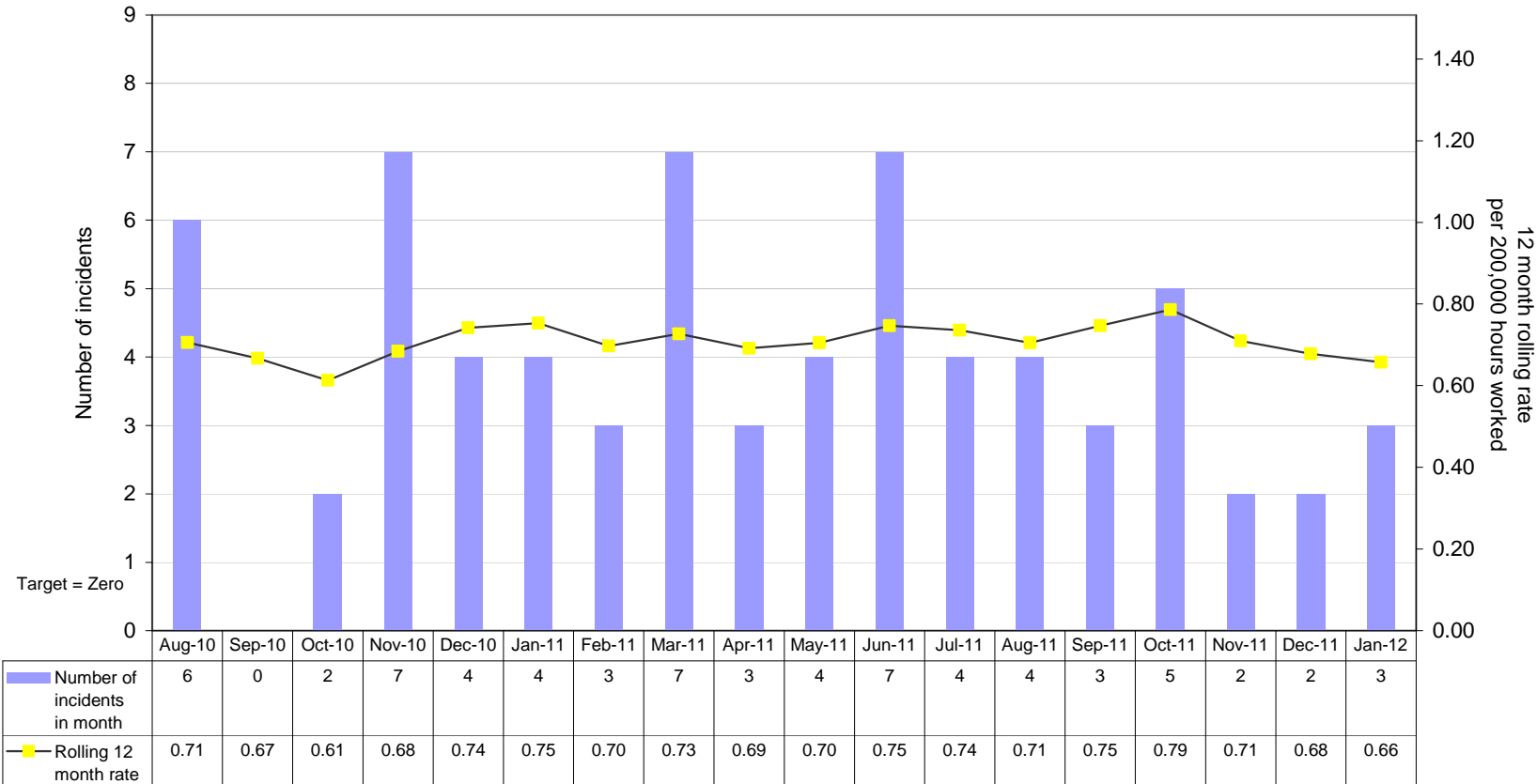
# Environment, Safety, Health and Quality (ESH&Q) Report

# Perfect Days

- On a Perfect Day nobody is hurt, we receive no community complaints, we have no security breaches, we do not breach our environmental permit conditions, and there is no loss of our process safety controls:
  - Nov 2011      – 11
  - Dec 2011     – 23
  - Jan 2012     – 18

# OSHA Recordable Incidents

Reduce work related injuries and ill-health, and improve employee wellbeing: KPI 06  
**OSHA Recordable Incidents**  
 by number of cases in month and 12 month rolling rate

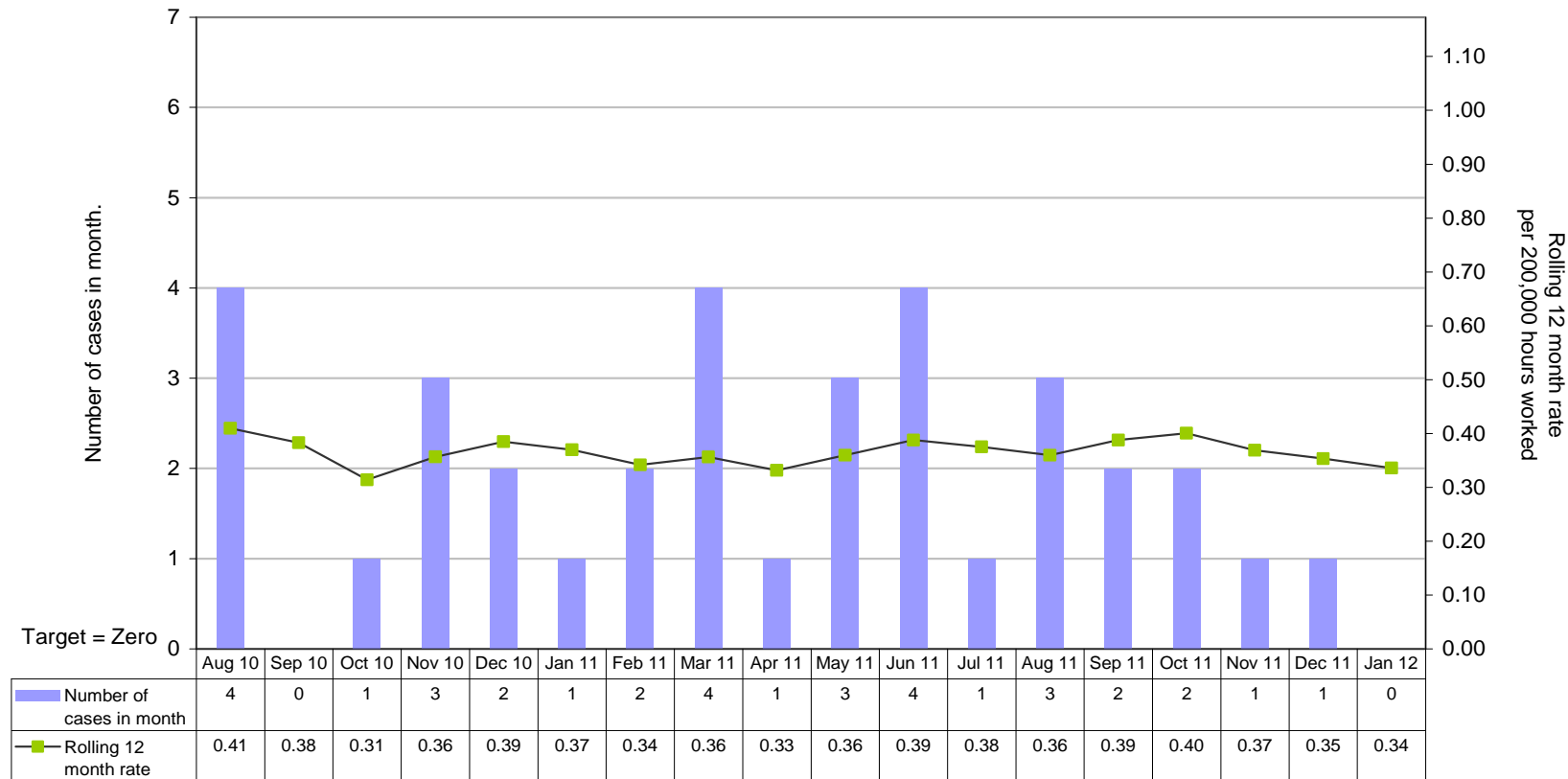


# OSHA Days Away Cases

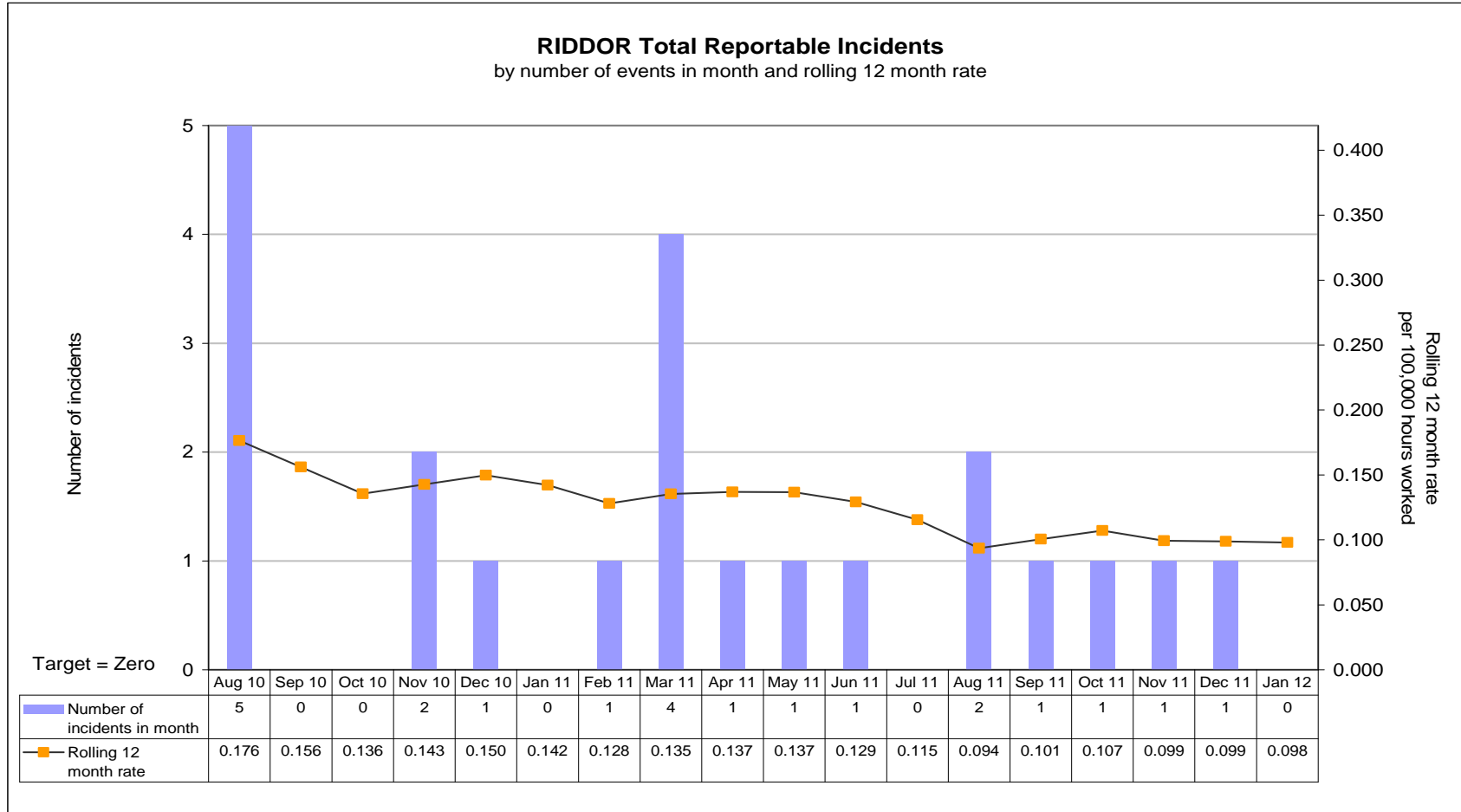
Reduce work related injuries and ill-health, and improve employee wellbeing: KPI 07

## OSHA Days Away Cases

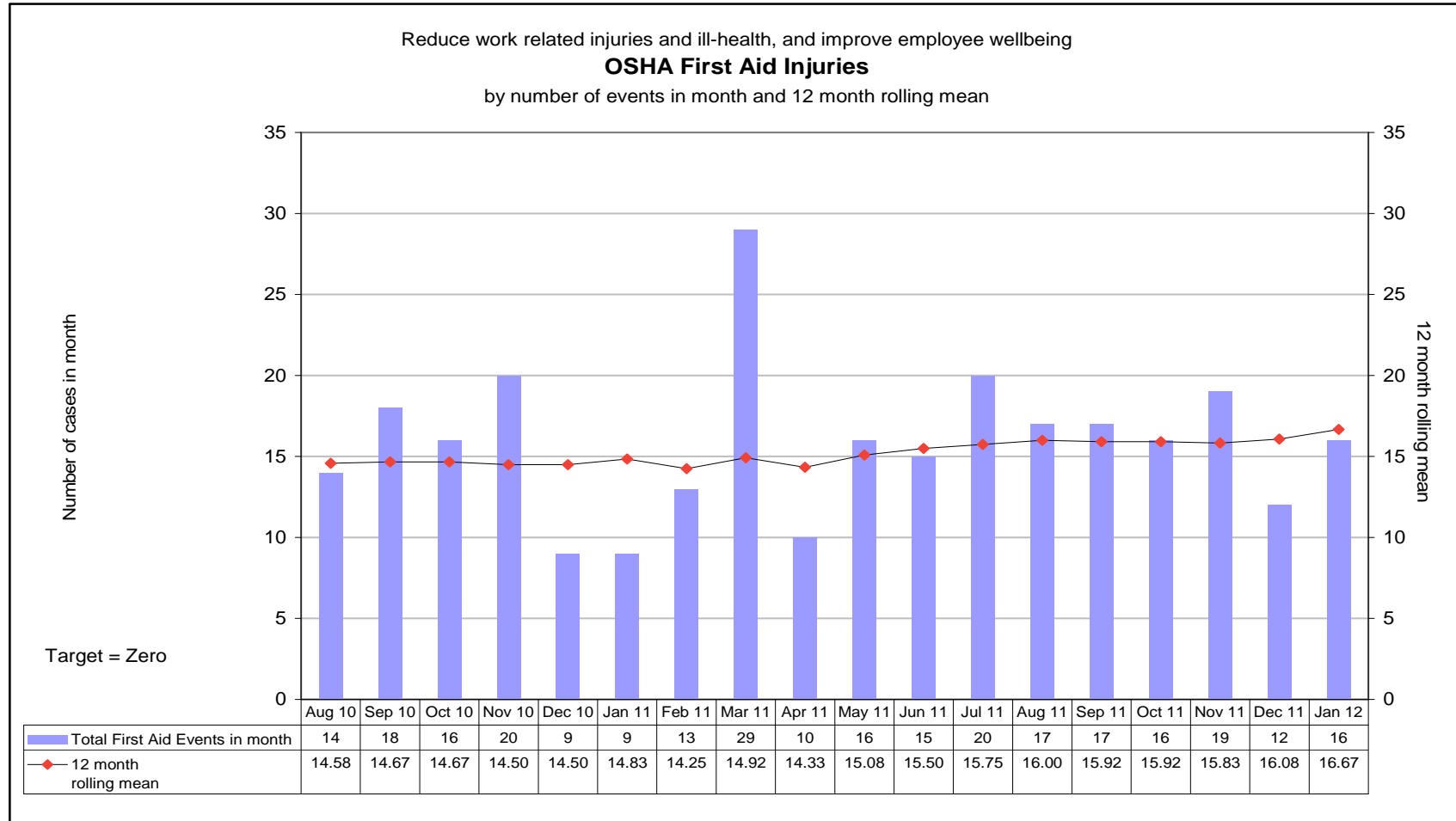
by number of cases in month and rolling 12 month rate



# RIDDOR Reportable Incidents

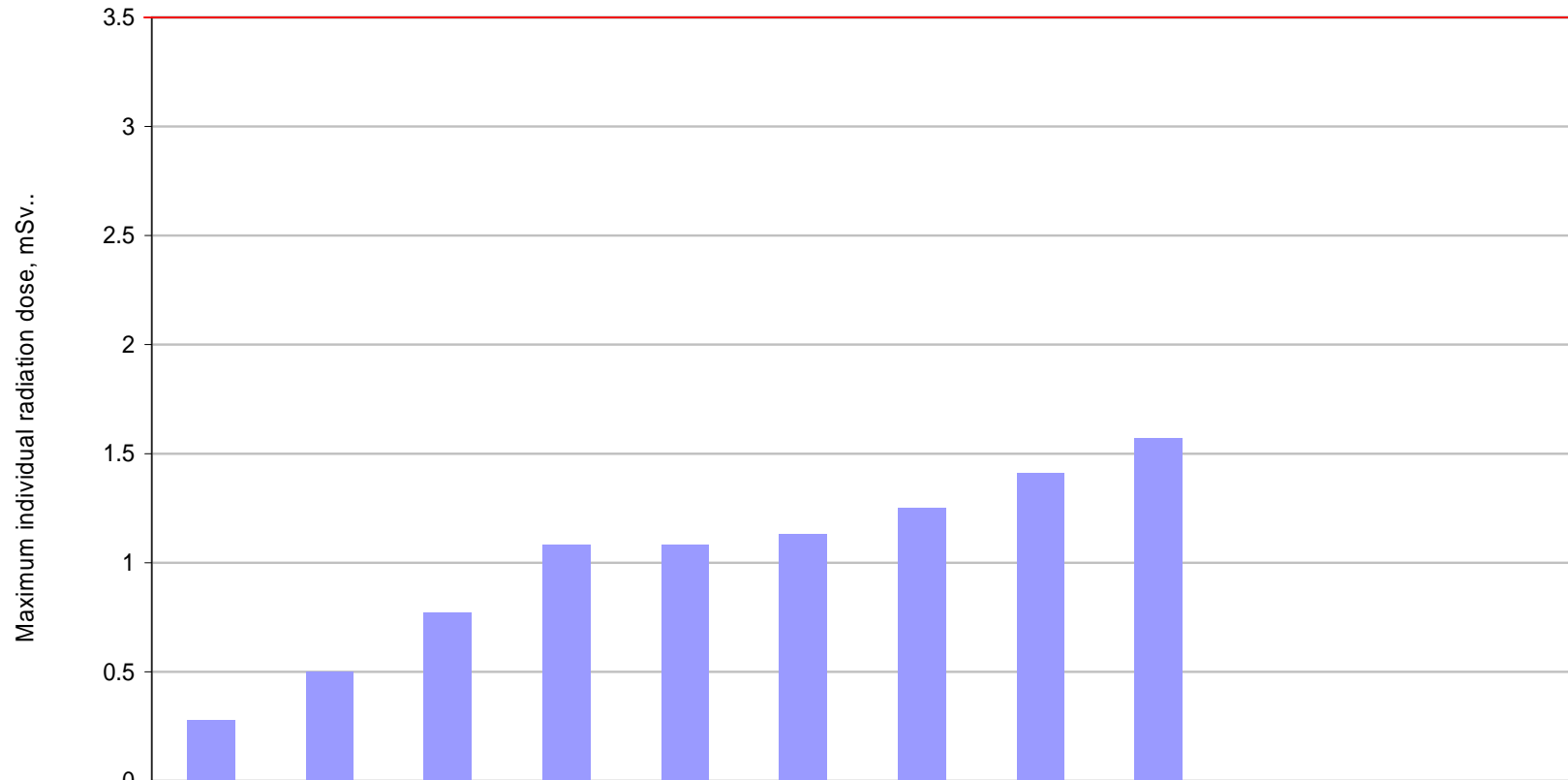


# OSHA First Aid Injuries



Reduce work related injuries and ill-health, and improve employee wellbeing: KPI 10  
**Maximum individual radiation dose against the anticipated work program**  
 Contract Year to date

*CY 12 objective = 3.5 (mSv) maximum*



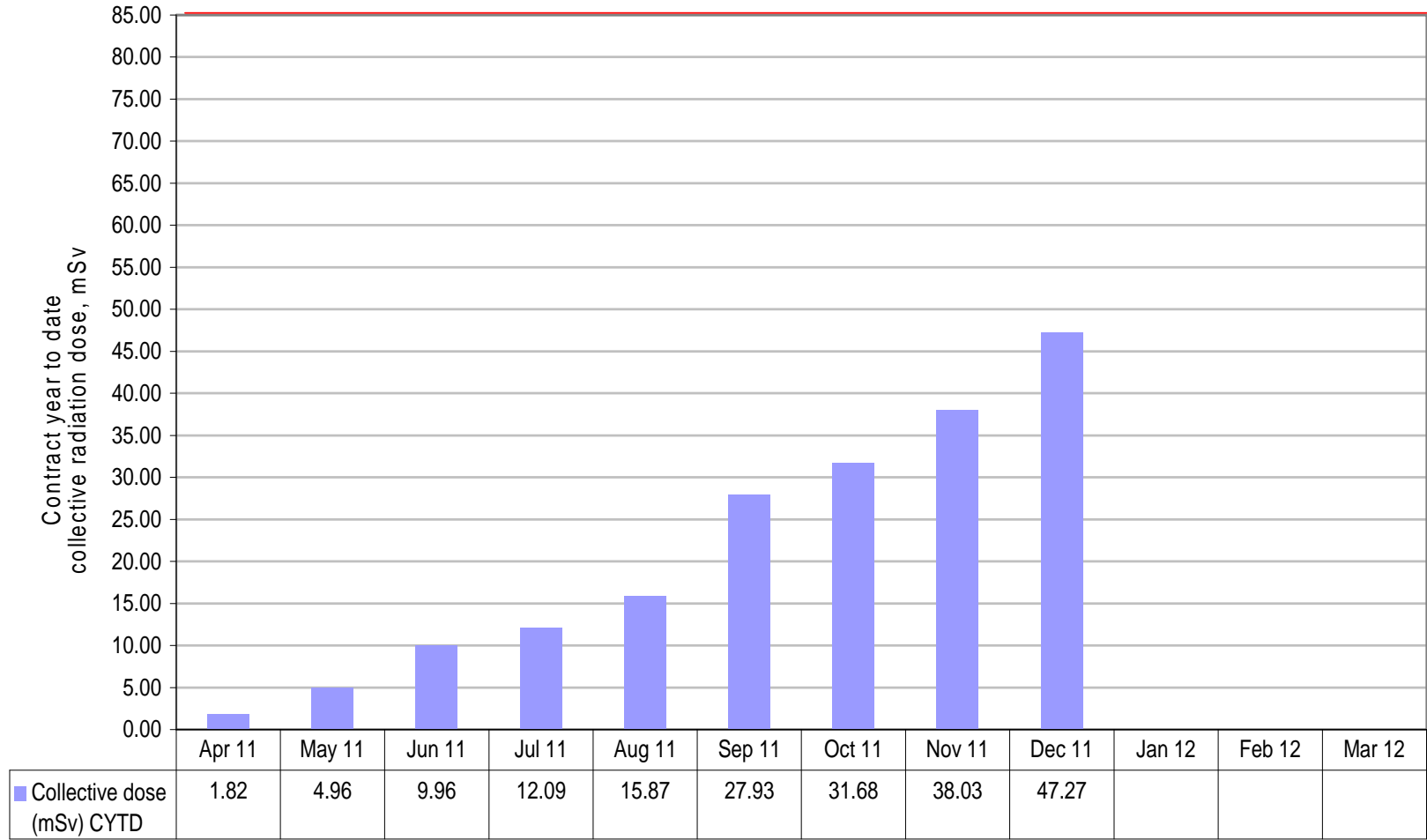
	Apr 11	May 11	Jun 11	Jul 11	Aug 11	Sep 11	Oct 11	Nov 11	Dec 11	Jan 12	Feb 12	Mar 12
■ Individual dose (mSv) CYTD	0.28	0.50	0.77	1.08	1.08	1.13	1.25	1.41	1.57			

Reduce work related injuries and ill-health, and improve employee wellbeing: KPI 11

**Collective total radiation dose for higher exposed groups**

Contract Year to date

*Current objective = 85 man mSv maximum\**



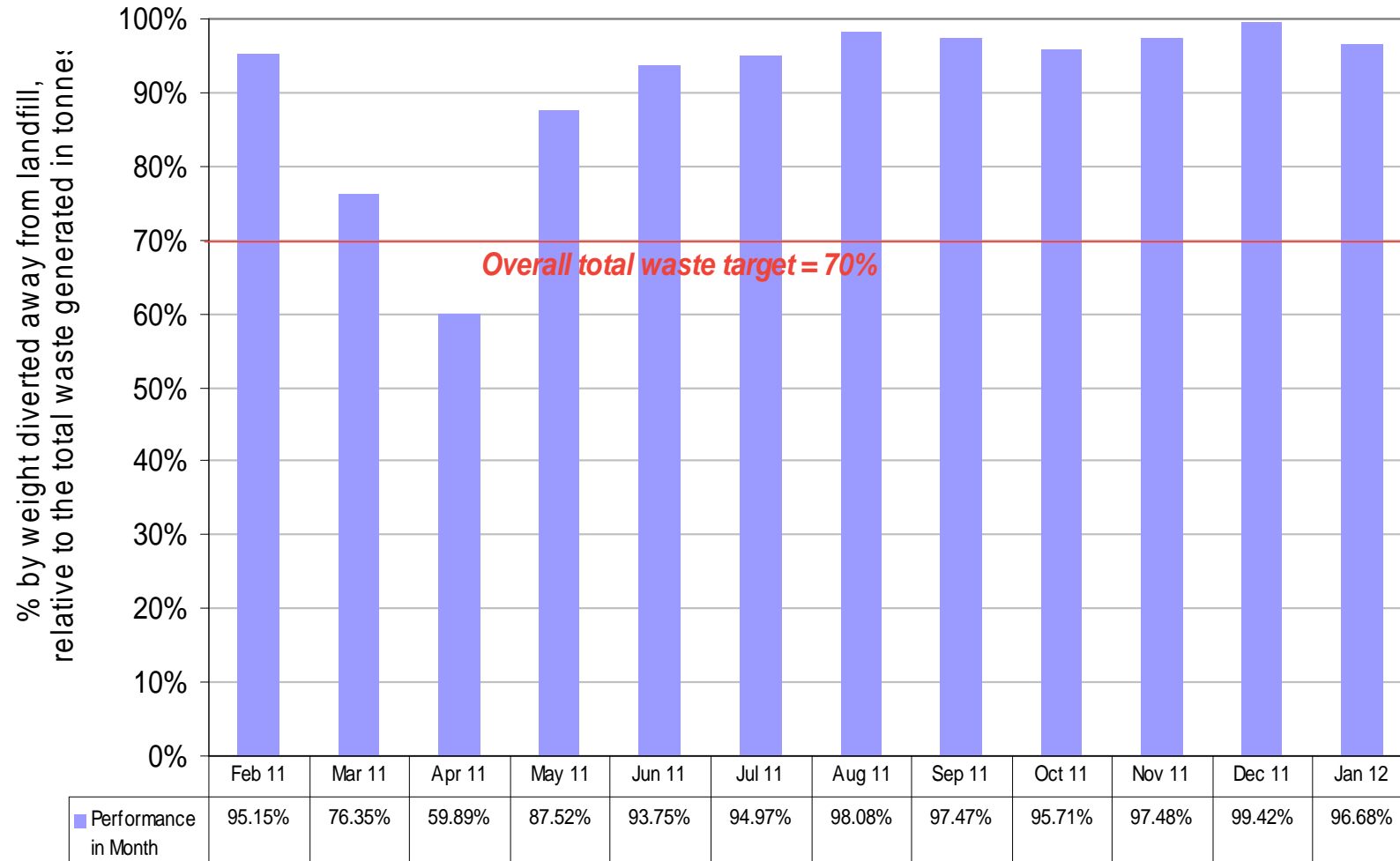
\*Revised target from 152 to 85 man mSv with effect from 01/01/2012



Reduce environmental impact: KPI 14

## Overall total waste diverted away from landfill

(and therefore available for refuse, recycle or recovery)



# Public Dose Assessment

Discharge	Aldermaston		Burghfield		Guidance Levels
	Q4 2011	Jan 11 to Dec 11	Q4 2011	Jan 11 to Dec 11	
<b>Atmosphere</b>	93 nSv (0.000093 mSv)	110 nSv (0.00011 mSv)	0.5 pSv (0.0000000005 mSv)	2 pSv (0.0000000002 mSv)	0.5 mSv
<b>Trade Effluent</b>	5 nSv (0.000005 mSv)	32 nSv (0.000032 mSv)			0.5 mSv
<b>Aldermaston Stream</b>	0.1 nSv (0.0000001 mSv)	0.4 nSv (0.0000004 mSv)			0.5 mSv

- The calculated doses represent minute fractions of the dose constraint set by the Environment Agency of 0.5 mSv per year for a nuclear site
- The discharges to the atmosphere in, Aldermaston, for Q4 & year are 0.019% and 0.022% respectively of the guidance levels.
- Trade effluent discharges to Aldermaston for Q4 & year are 0.001% and 0.0064% respectively of the guidance levels.
- The model concludes that there is no hazard to members of the public