

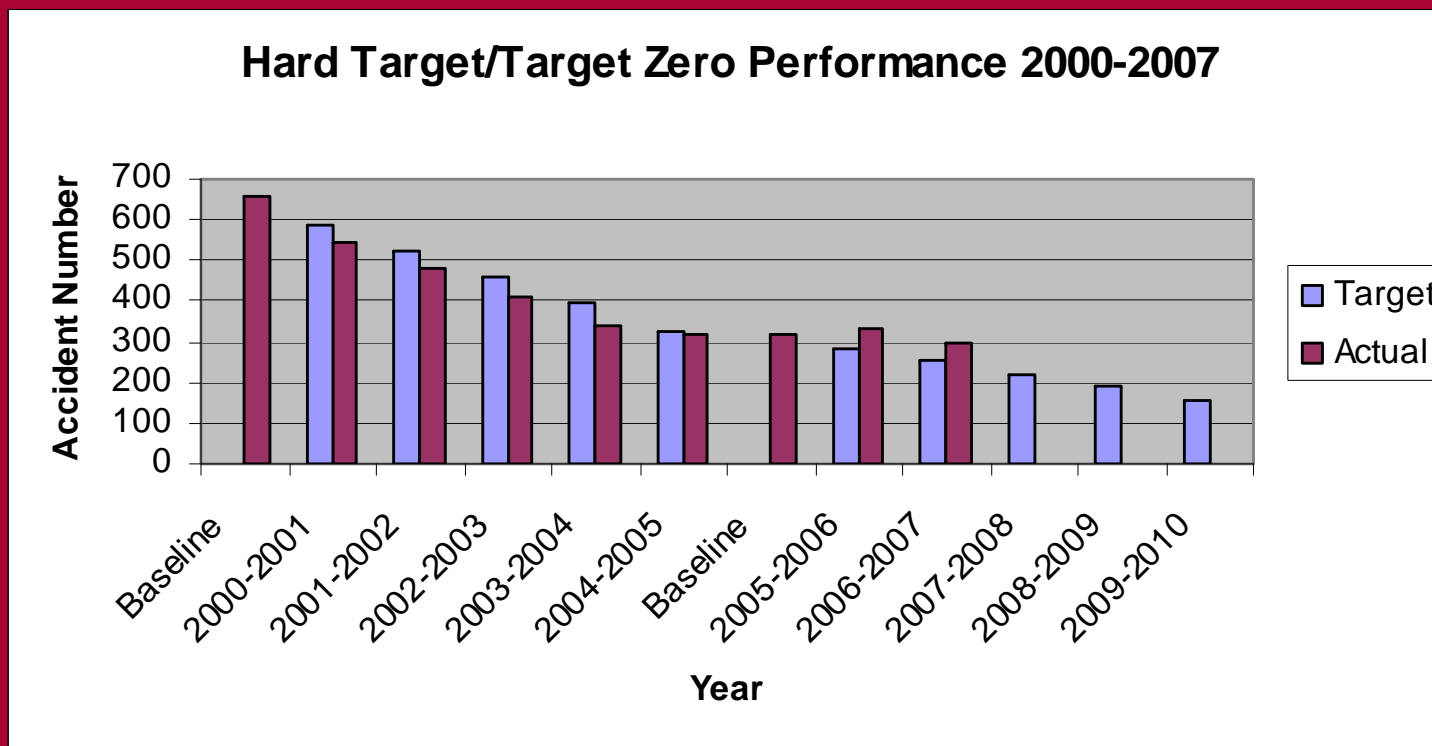


Accident reduction in the British Quarrying Industry Progress Report 2008

Phil Smith (HSE, Great Britain)

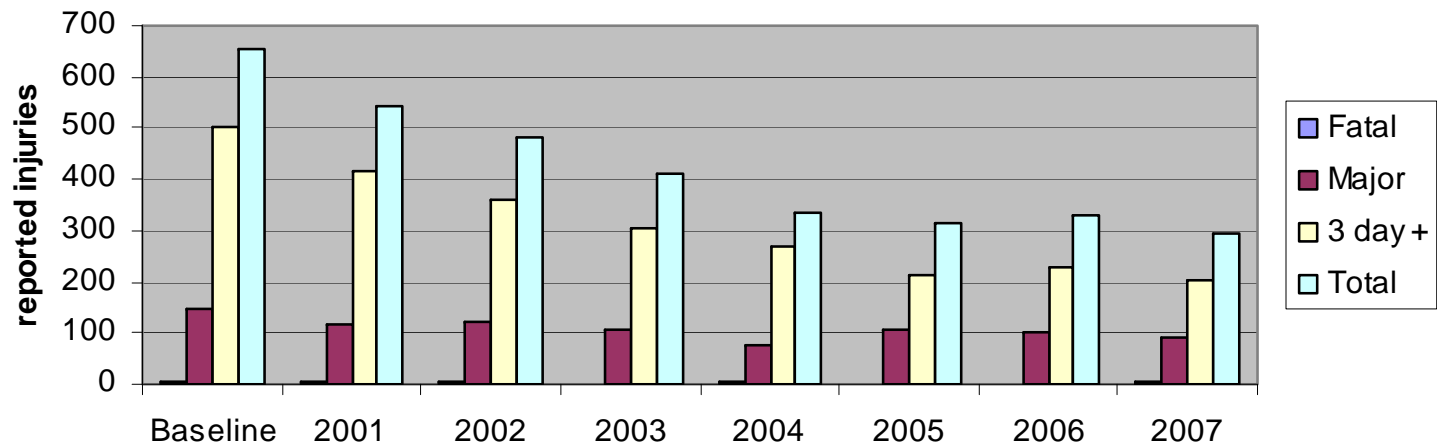


Hard Target/Target Zero





Reported incidents by severity



Insurance costs

- covering injury, ill health, damage

Uninsured costs

- Lost time
- Extra wages, overtime payments
- Sick pay
- Production delays
- Fines
- Loss of contracts
- Legal costs
- Damage to products, plant, buildings, tools, equipment
- Clearing the site
- Investigation time
- Excess on any claim
- Loss of business reputation

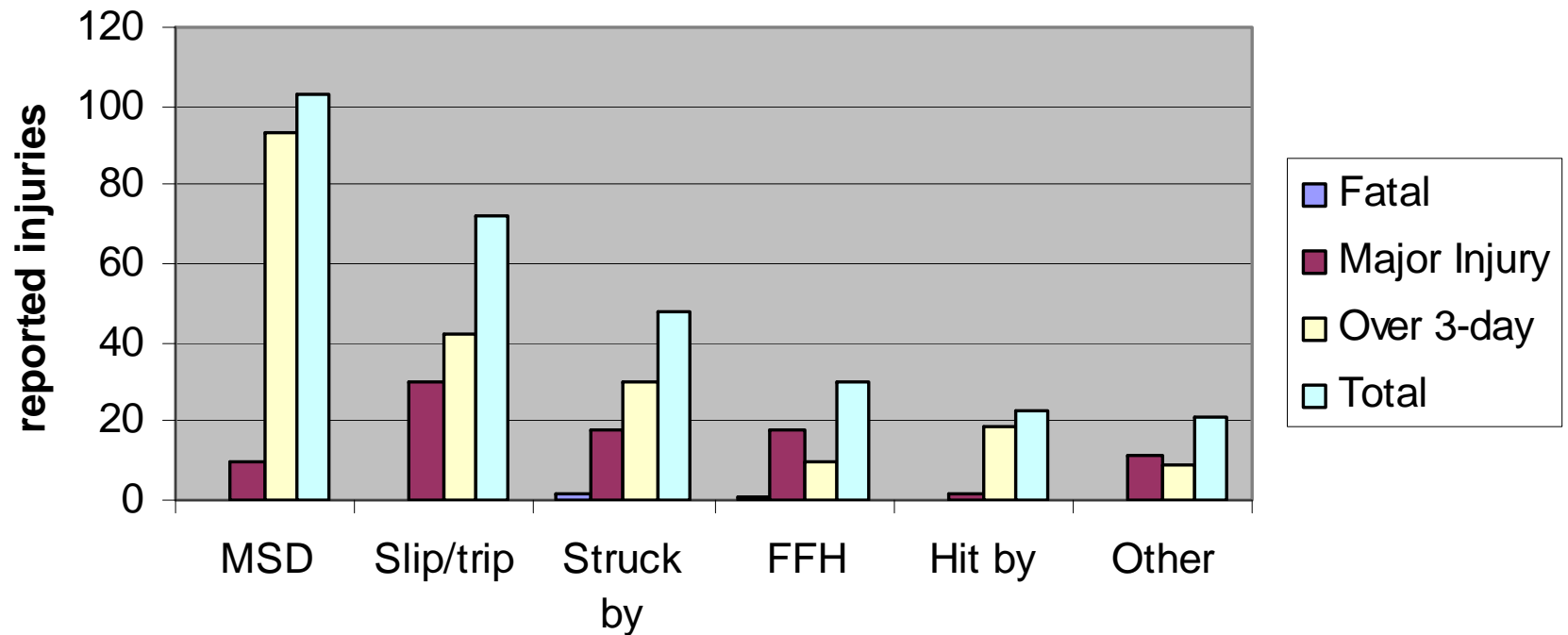


An example of actual accident costs

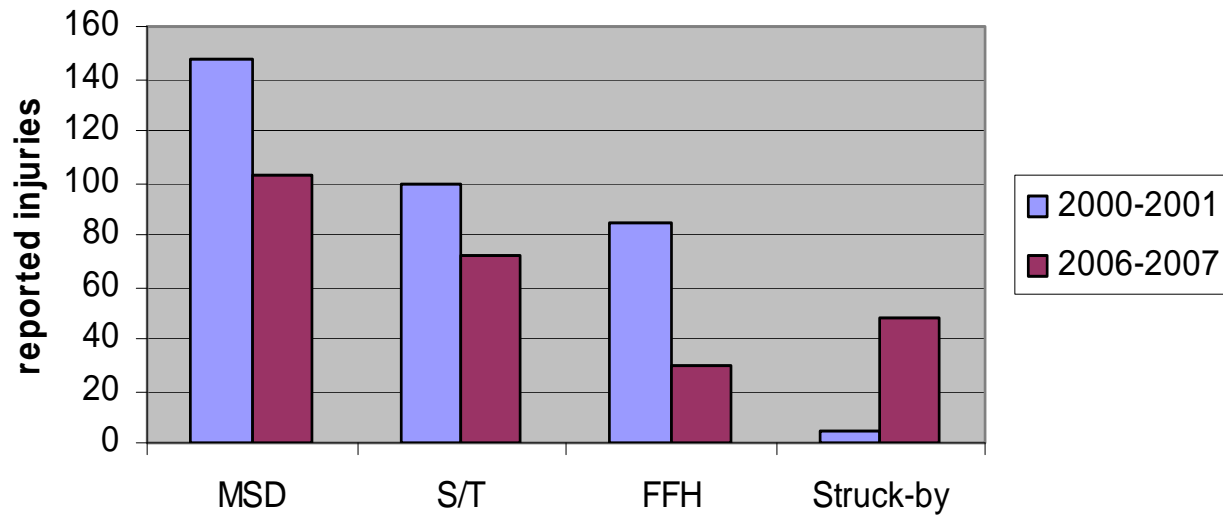


Driver Twists ankle exiting vehicle cab	£	\$
• Injured Drivers wages on the day of incident	100	190
• Part day loss of truck income	200	380
• Van/Driver to take 2nd driver to complete day's duties & return injured driver	160	304
• Second Driver wages to complete day	45	86
• Injured Drivers Wages – Sick pay 3 additional days	300	570
• Loss of Income from truck – 3 days	600	1140
• Administration (accident documentation/investigation)	100	190
• Total cost for 3 day incident	1505	2860

Incidents by Cause 2006-2007

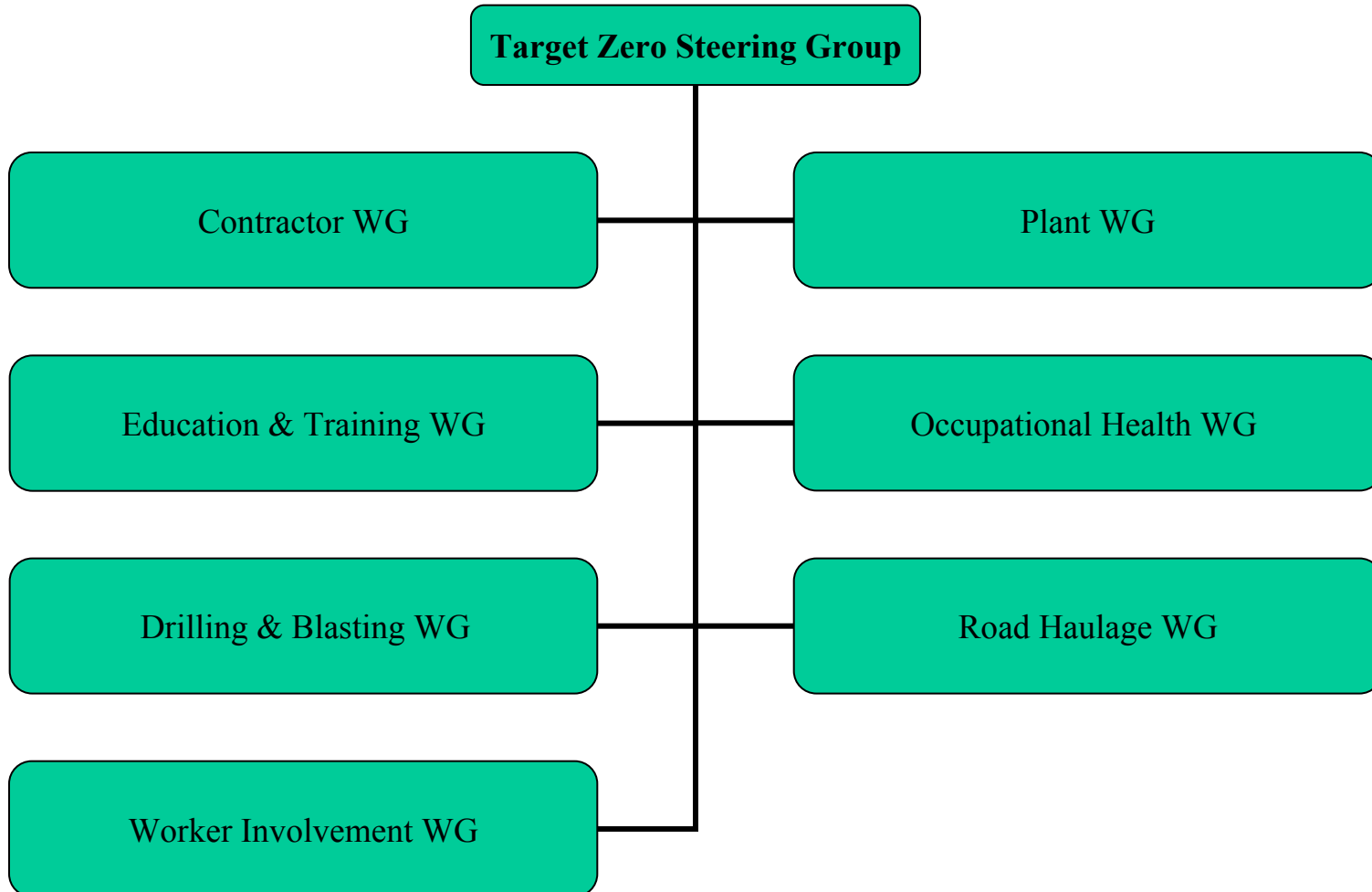


Injury by cause





Target Zero





TARGET ZERO AIMS & OBJECTIVES

Reduce RIDDOR-reportable injuries • to ≤ 158 by 2010 • to zero by 2015

Objectives

Quarries National Joint Advisory Committee Actions

Contractors

Raise the Standards & Consistency of performance in Health & Safety

All Contractors should demonstrate commitment to improving health & safety performance by adopting industry-recommended H&S training procedures, job/task specific skills and training to achieve qualifications. They should sustain performance by periodic refresher training.

- Participation in the development of national qualifications for contractors
- Delivery of a national scheme/data base detailing contractor information, similar to the 'Safe Contractor' & 'Bank of Contractors' schemes

Secure client commitment to improved contractor performance

Clients should continue their commitment to improving health and safety performance of contractors and employees by setting equal standards for their direct workforce and contractors. Clients should ensure that all contractors have documentary evidence of their health and safety competence and qualifications.

To secure effective Site Safety Induction

To achieve a consistent approach to the quality and delivery of site safety induction procedures

- Delivery of Good Practice Guide recommending minimum standards for site safety induction and model site- safety rules for contractors



Plant	
<p>To eliminate accidents arising from inadequate plant design/installation and maintenance</p>	<ul style="list-style-type: none"> •Development of Fixed Plant Safety Standards guidance •Participation in international Standards setting through user representation on relevant standards committees
Road Haulage	
<p>To eliminate accidents associated with the interface between Quarry and Road Haulage Operations, specifically</p> <ul style="list-style-type: none"> •Falls from Vehicles •Vehicle Instability and Illegality •Slips & Trips •Entry into confined spaces <p>By:</p> <ul style="list-style-type: none"> •improving effective communication between Quarry and Haulier personnel •promoting safe working practices and a “Right First Time” culture. 	<ul style="list-style-type: none"> •Develop a ‘Good Practice Toolkit for Quarry and Haulage Operators’ by end March 2008, to include; <ul style="list-style-type: none"> ➤ Safe Load Distribution ➤ Safe Access & Egress to Vehicles ➤ Promotion of good Housekeeping
Worker Involvement	
<p>To secure effective and competent workforce representation</p>	



Education & Training

Objective	Performance Measure
Secure a fully competence-assured industry through competency based qualifications for employees	<ul style="list-style-type: none"> •20,000 N/SVQs or equivalent achieved by 2010 ✓ •New entrants registered for N/SVQs within 12 months of entering the industry •All supervisors/managers engaged in CPD scheme
Secure a fully competence-assured industry through competency based qualifications for contractors	<ul style="list-style-type: none"> •20,000 EPIC Contractor Passports held by 2010 ✓ •New entrant contractors to achieve a valid passport or equivalent within 6 months of entering the industry
Secure a fully competence - assured industry through competency based qualifications for hauliers	<ul style="list-style-type: none"> •All drivers to hold a drivers skills card or equivalent



British Aggregates Association



- Objective: to raise site health & safety standards
- Site Assessment Scheme – independent assessor
 - safe management of site
 - awareness of legal requirements
 - formal procedures
 - workforce engagement
- Compliance certificate valid 3 years
- Target 75% of members signed up within 3 years



Conclusion



The first phase of this injury reduction initiative demonstrated that the industry was capable of continuous improvement without the site intervention of the regulator.

The challenge facing all those concerned with the industry is how to maintain the momentum of the early years in driving injury rates down to zero