

### The Study:



Quiring General, LLC

#### General info:

- Small to mid sized GC
- Based out of Fresno, C.A.
- Projects are located from Nipomo to Madera area
- Currently has a labor force of 15

Current Labor Safety Training budget:  
**\$1,000 / Year**

**Problem:** Current cost of employee working restricted (~50% productivity) : **\$104 / working man day** (\$26/hr)

**Solution:** Increase safety training budget such that injury rates on job sites go down while also receiving a return on that investment.

#### Most realistic scenario:

A 15% - 25% increase in safety training spending per year, \$2,250 - \$3,750 respectively, requires:

- **0.56% - 0.92%** (or 22-36) less restricted working man days of total work days
- Seems like the most obtainable goal for a company of this size

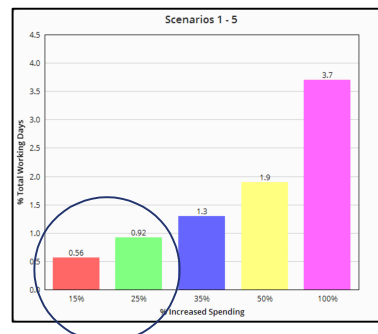
#### Savings:

- \$104 / day (of less restricted work) after break even point is reached.

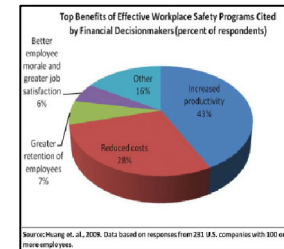
### Case Study: Laborer Safety Training for Small to Mid Sized General Contractors

#### Abstract

The purpose of this study is to determine a relationship between safety spending and the resulting safety records for small to mid sized construction companies, particularly general contractors, and build on existing safety practices. A case study of Quiring General, LLC, a small to mid sized general contractor based out of Fresno, CA will be the core of this paper as it includes examples of injuries of laborers and their impact they have. The impact focused on in this paper is limited to replacement of crew members after an injury has taken place. Consequently, the results will be a conservative estimate. Several scenarios will be analyzed to determine how much Quiring should increase their safety training spending on their laborers. The results showed that an increase of 15% to 25% would be most reasonable.

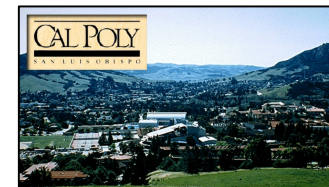


#### OSHA Approved



Effective Safety Programs increase:

- Workplace culture
- Reductions in injuries, illnesses and fatalities
- Lowering workers' compensation and other costs
- Improving morale and communication
- Enhancing image and reputation



Shawn Kuehler, California Polytechnic University, San Luis Obispo