

# Injury and Illness Prevention Programs



# Injury and Illness Prevention Programs: Why Do We Need Them?

- Every day, more than 12 workers die on the job – over 4,500 a year.
- Every year, more than 4.1 million workers suffer a serious job-related injury or illness.

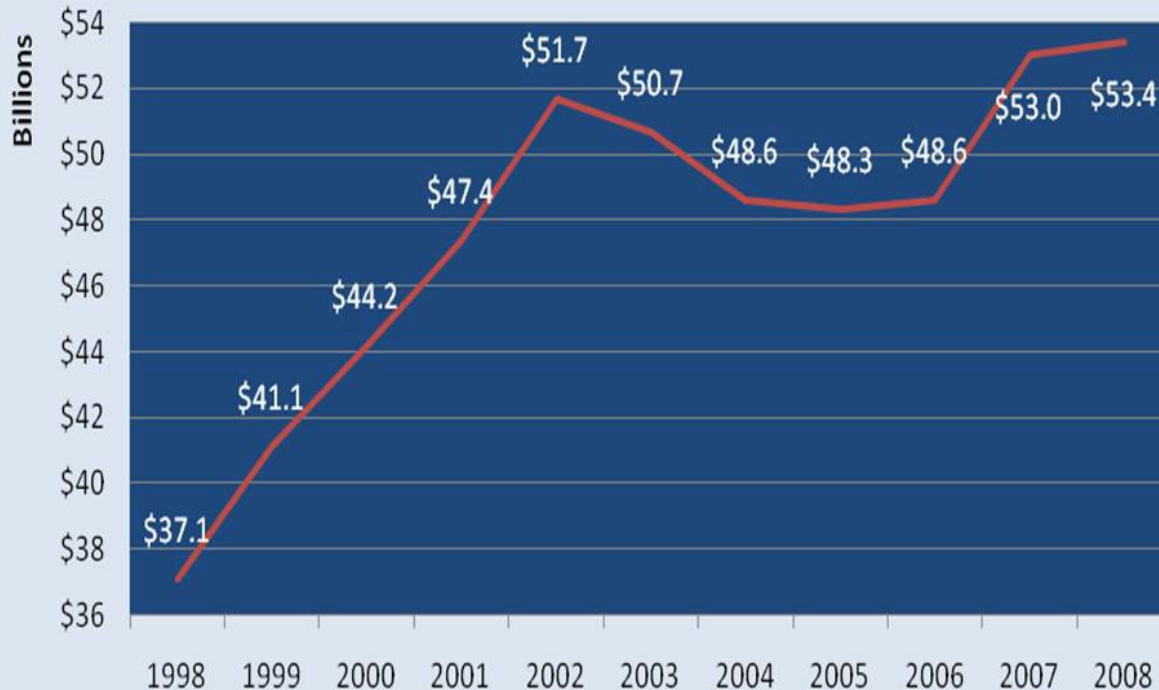
We need an enhanced focus on **prevention**  
to bring these numbers down.

# Injury and Illness Prevention Programs: What Are They?

- Flexible, commonsense, proven tool to find and fix hazards *before* injuries, illnesses, or deaths occur.
- Six core elements:
  - Management leadership
  - Worker participation
  - Hazard identification and assessment
  - Hazard prevention and control
  - Education and training
  - Program evaluation and improvement

# Direct Costs of Injuries and Illnesses

*Cost of the Most Disabling Injuries 1998-2008*



Source: Liberty Mutual Research Institute, 2010.

Direct costs of the most disabling workplace injuries in the U.S. averaged \$47.6 billion per year between 1998 and 2008

# Indirect Costs of Injuries and Illnesses

- Examples:
  - Wages not covered by workers compensation
  - Administrative time
  - Costs of training replacement employees
  - Lost productivity
  - Replacement costs of damaged material
- Can be 1.1 to 4.5 times the direct costs

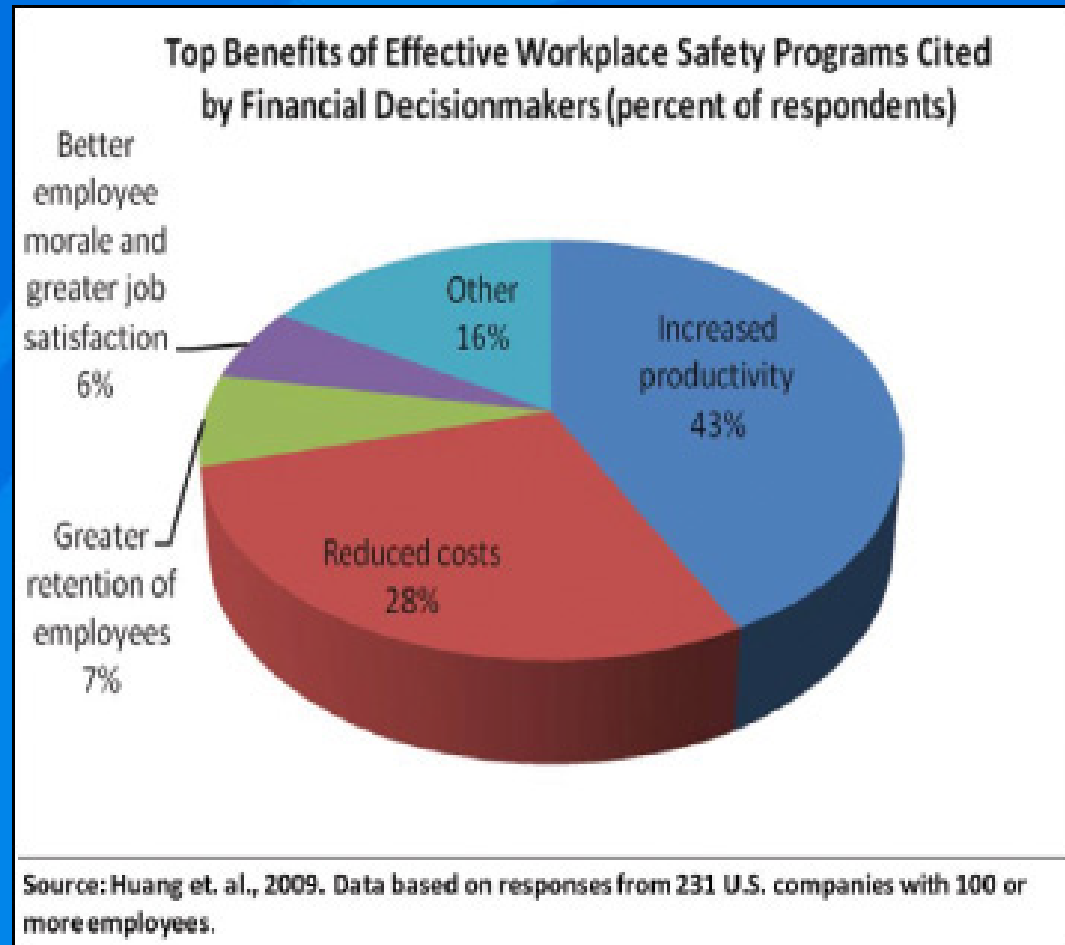
# Societal Costs of Injuries and Illnesses

- Workplace fatalities: \$40 billion /year
- Non-fatal injuries
- Occupational illnesses
  - 60,000 deaths/year
  - 850,000 new illnesses/year

# Injury and Illness Prevention Programs: Do They Work?

- Proven benefits:
  - Transform workplace safety and health culture
  - Reduce injuries, illnesses, and deaths
  - Lower workers' compensation and other costs
  - Improve morale and communication
  - Enhance image and reputation
  - Improve processes, products and services

# Injury and Illness Prevention Programs: Do They Work?

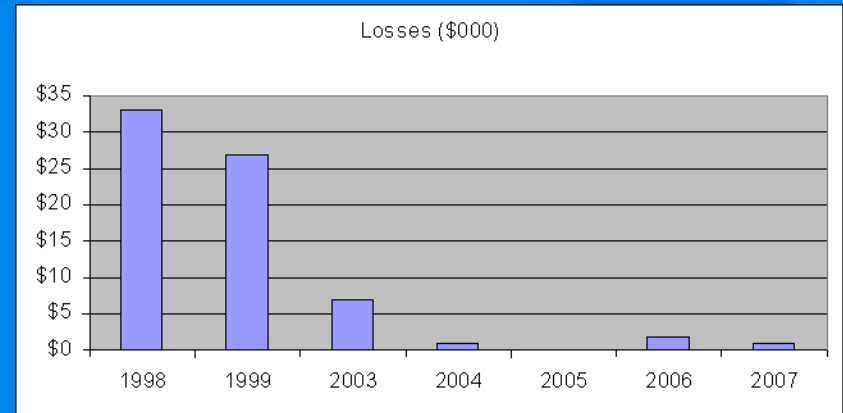
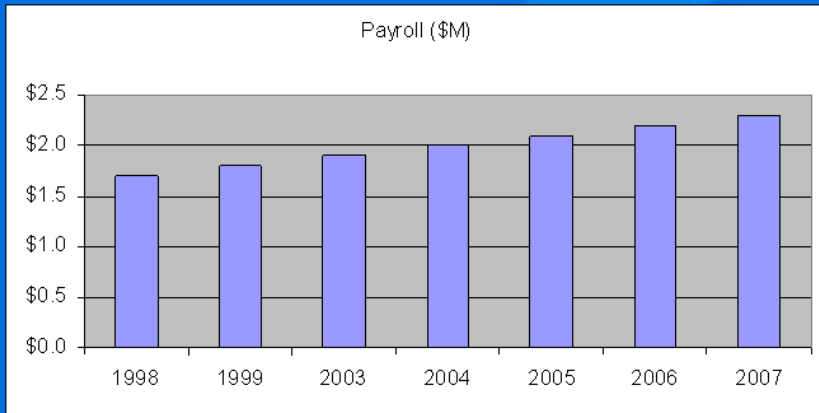




# Injury and Illness Prevention Programs: Do They Work?

- Implementing injury and illness prevention programs could:
  - Reduce injuries by 15 to 35%
  - Save \$9 billion to \$23 billion per year in workers' compensation costs
  - Reduce indirect costs

# Anthony Forestry Products: Small Business Success Story



# Injury and Illness Prevention Programs: Who Is Using Them?

- 34 U.S. states require or encourage injury and illness prevention programs
  - 15 states have mandatory regulations
  - Other states have financial incentives, including workers comp premium reductions
  - 16 states have voluntary guidance, consultation, and training

# OSHA's VPP and SHARP Programs

- VPP: Nearly 2,400 establishments
- SHARP: More than 1,500 small businesses
- Ohio 21(d) SHARP Program Performance Assessment
  - Average number of claims: down 52%
  - Average claim cost: down 80%
  - Average lost time per claim: down 87%
  - Claims per \$million payroll down 88%

# Injury and Illness Prevention Programs: Who Is Using Them?

- Federal agencies
  - Department of Defense
  - Department of Energy

# Department of Defense

## DOD JOURNEY WITH VPP IMPLEMENTATION IMPACTS SERVICE-WIDE SAFETY PERFORMANCE

Lost Day Rate	FY 02	FY 09	Rate Reduction	Percent Improvement
DoD	31.5	18.7	12.8	41%
Army	29.3	17.8	11.5	39%
Navy	39.8	21.2	18.6	46%
Marines	73.8	36.7	37.1	50%
Air Force	25.6	16.5	9.1	36%
Defense Agencies	25.6	16.9	8.7	34%



# Industry Consensus Standards

- American National Standards Institute (ANSI)
- American Industrial Hygiene Association (AIHA)
- Occupational Health and Safety Assessment Series (OHSAS) Project Group

# International Experience

- Canada
- Australia
- European Union member countries



# Injury and Illness Prevention Programs: How Do They Work?

- One size does NOT fit all!
- Flexibility in implementing the six core elements
  - They can be adapted for an organization's size, industry sector, complexity of operations, workforce characteristics, etc.



# In Conclusion

- The human toll from workplace deaths, injuries and illness is incalculable, and the economic toll is enormous.
- Injury and illness prevention programs offer a simple, sound, proven approach, adaptable to your business.
- These programs will improve compliance, reduce injuries and illnesses, reduce costs, and enhance business operations.

# Questions?

