

Welcome From IC-SAFE

Daniel Hindman, Director



Schedule

- Introductions
- Why We Are Doing This?
- What We Are Doing?
- What We Hope To Do?

Daniel (Dan) Hindman

- Associate Professor In Sustainable Biomaterials at Virginia Tech
- Focus on design and construction of wood and other bio-based material structures
- Director, IC-SAFE
 - Responsible for Research Component
 - Kevin Granata Pilot Research Program



Thom Mills

- Associate Professor in Building Construction
- Focus on building construction and project management
- Associate Director, IC-SAFE
 - Responsible for Industry Relations
- Dan and Thom Act as Co-Directors of IC-SAFE



Brian Kleiner

- Director, Myers-Lawson School of Construction
- Brian was the leader of previous safety center projects which led to IC-SAFE
- Is Involved in Directing IC-SAFE Center Efforts and Independent Research
- Supports IC-SAFE through MLSOC

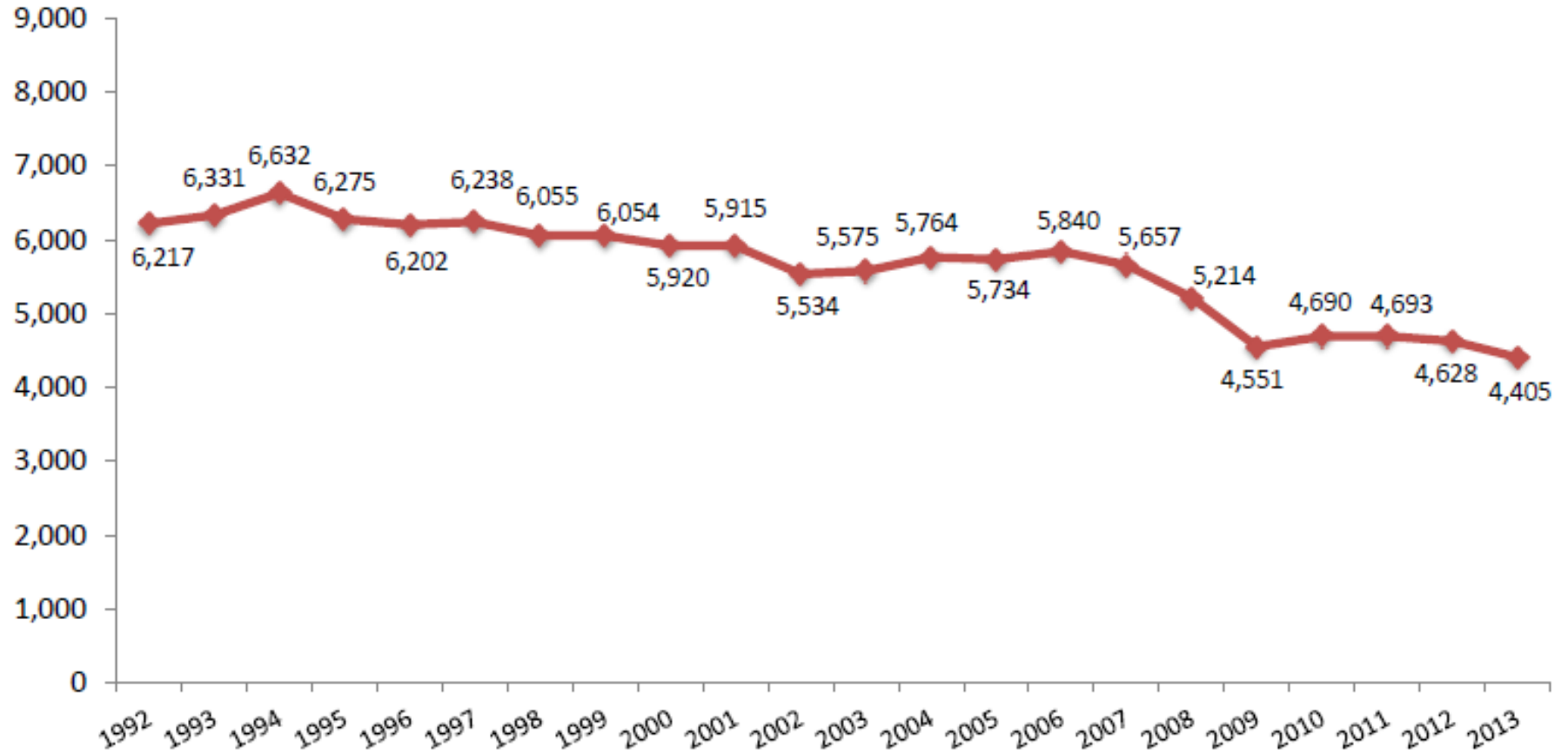


Why Are We Doing This?

- Lack of Construction Safety Is One of the Greatest Threats To Our Industry
- Construction Safety Is One of the Greatest Opportunities for Growth and Productivity In Our Industry
- CFOI = Census of Fatal Occupational Injuries
- In United States, compiled by Bureau of Labor Statistics
- Metastatistics – Lack of Detail in Information

Number of fatal work injuries, 1992–2013*

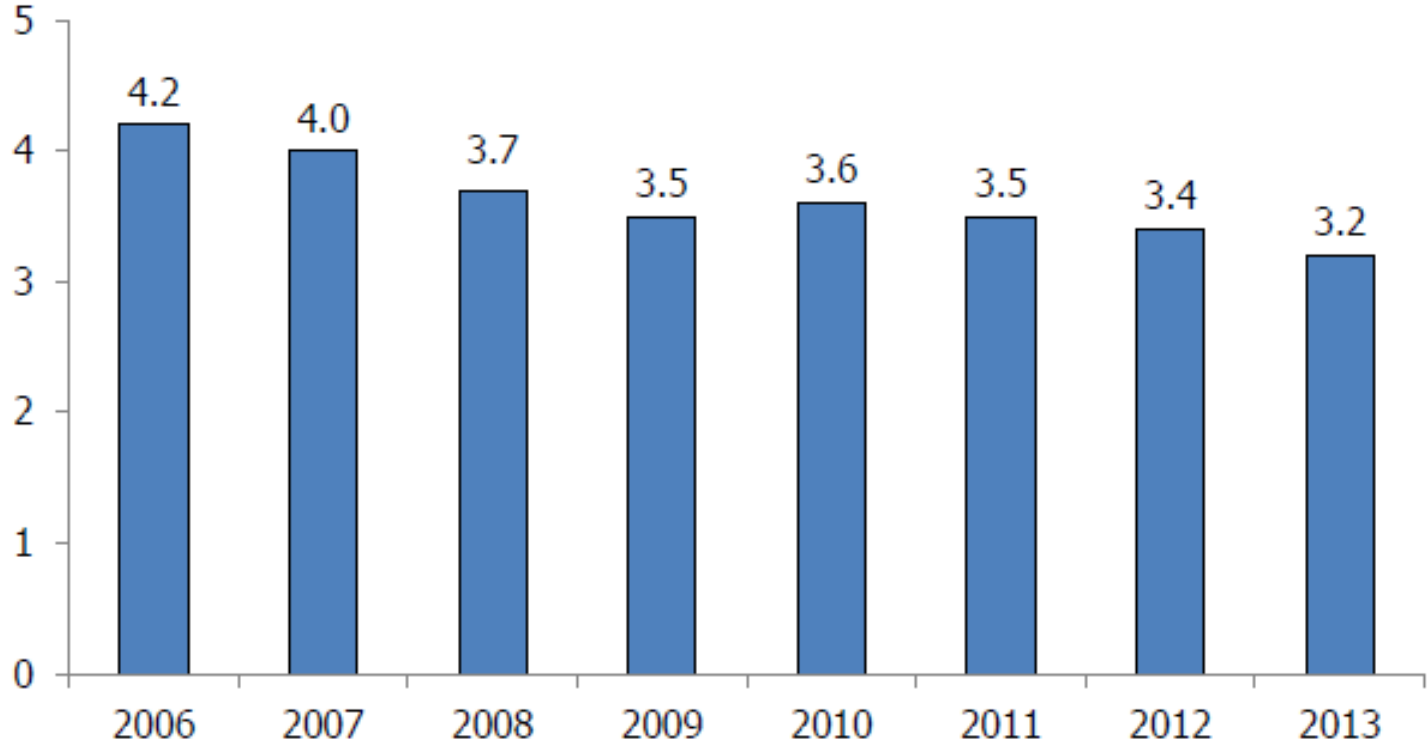
Number of fatal work injuries



The 2013 preliminary total of 4,405 fatal work injuries is 5 percent below the final count of 4,628 fatal work injuries reported for 2012.

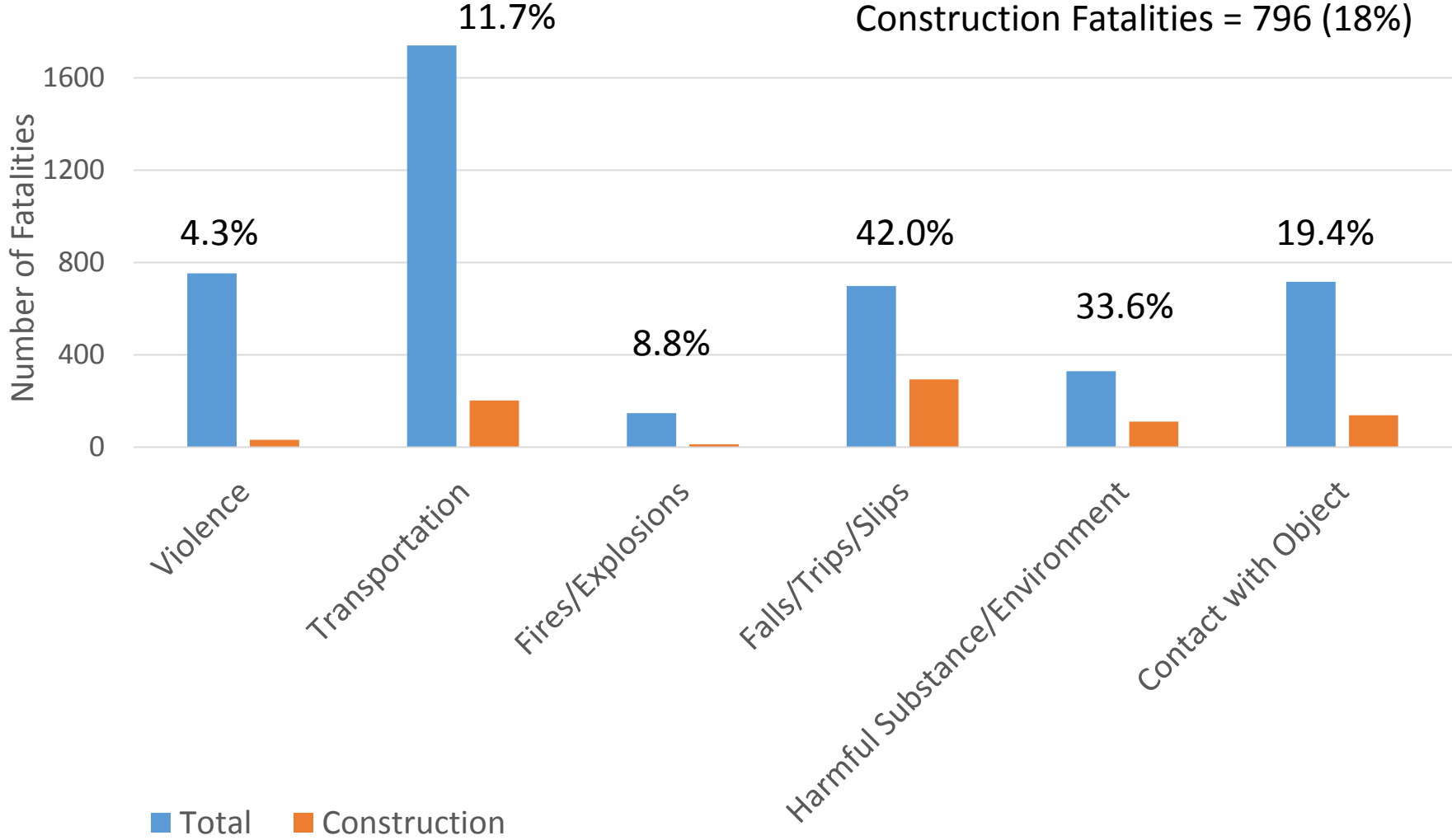
Rate of fatal work injuries, 2006–2013*

Fatal work injury rate
(per 100,000 full-time equivalent workers)



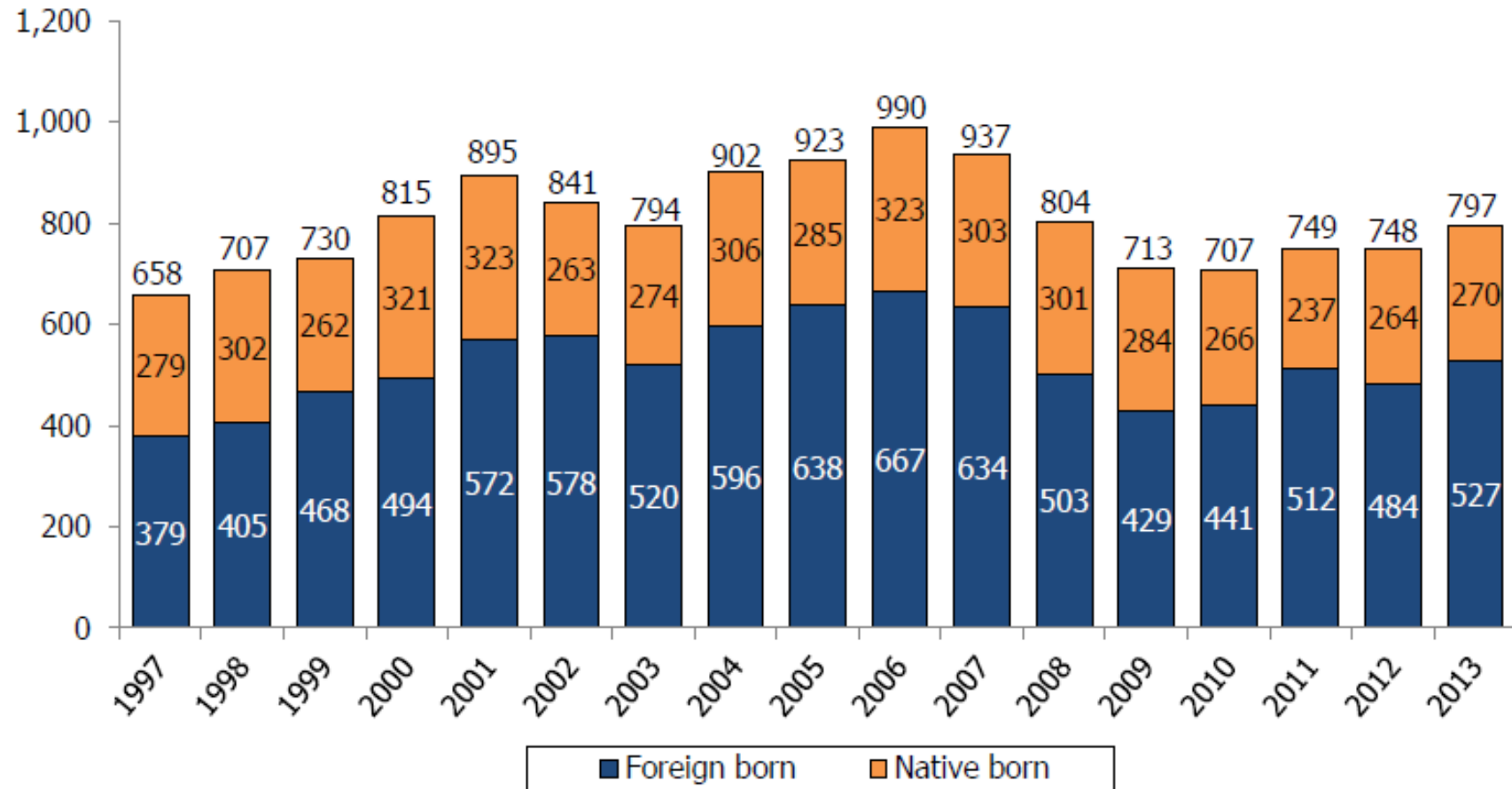
The preliminary rate of fatal work injuries in 2013 was 3.2 fatal work injuries per 100,000 full-time equivalent workers, below the final 2012 rate of 3.4.

2013 Total Fatalities = 4,405
Construction Fatalities = 796 (18%)



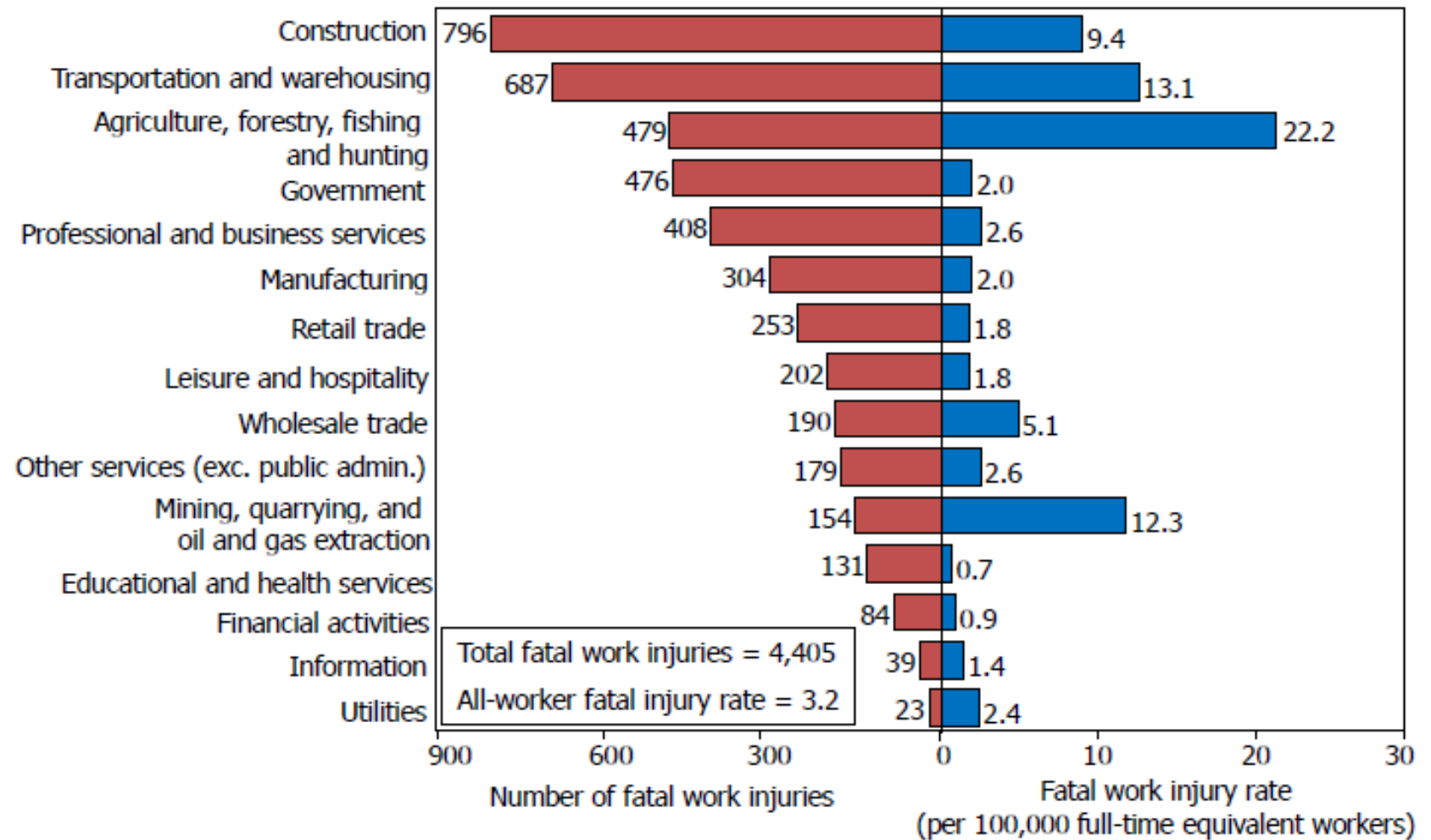
Number of fatal work injuries involving Hispanic or Latino workers, 1997-2013*

Number of fatal work injuries



The preliminary total for fatal work injuries involving Hispanic or Latino workers increased in 2013 to the highest level since 2008. Two-thirds of fatally-injured Hispanic or Latino workers in 2013 were born outside of the United States.

Number and rate of fatal occupational injuries, by industry sector, 2013*



Construction had the highest preliminary count of fatal injuries in 2013, but the agriculture, forestry, fishing and hunting sector had the highest fatal work injury rate.

Summary – Why Do We Do It?

- Overall fatality numbers have fallen in past
- Higher rates of fatalities in construction, especially falls/slips/trips and harmful substance/environment
- Number of fatalities among Hispanic workers (many involved in construction remain relatively constant
- Numbers and injury rates indicate emphasis areas including construction

What Have We Done?

- Previous center called Center for Innovation in Construction Safety and Health (CICSH)
- Funded by a cooperative agreement with National Institute of Occupational Safety and Health
- Grant supported set of safety projects with small center administration budget
- Primary Investigator Dr. Kleiner

Transition to IC-SAFE

- With ending of NIOSH support and promotion of Dr. Kleiner to School Director, we discussed what we should do
- CICSHE was good, but only focused on research grants
- Wanted to 'think larger'
- Include 'Well-Being' of Worker As A Factor

Mission of IC-SAFE

“The IC-SAFE Mission is to improve construction worker safety, health, and well-being by connecting and integrating industry, education, and research The Center established a practice-to-research-to-practice life-cycle for research such that pragmatic and measurable results do not trade-off against productivity or profitability. “

Vision of IC-SAFE





Three Part Mission

- Teaching
- Research
- Engagement



Going Global

- As Construction Is a Global Industry, We Want IC-SAFE to Reflect This
- Looking for Collaborations and Opportunities to Learn and Share Our Experiences



Thank You