

Doing Safety Differently

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About me!

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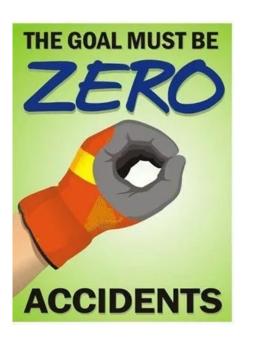
Missions of the Day!

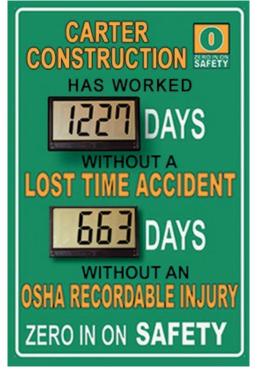
- 1. Change our thinking around Safety and Health Performance (SHP)
- 2. Establish a mindset that error is OK and normal
- 3. Establish that workers are the solution to most problems
- 4. For you to take two goals back to your organization to initiate change

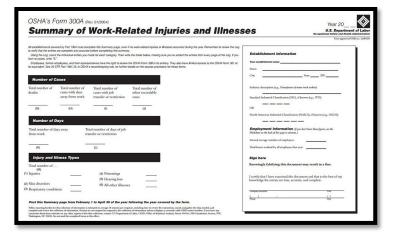


Safety: The "Old" Definition

<u>Old View:</u> Safety is defined by outcomes... the absence of accidents, injuries, etc. (OSHA 300 Logs?)







Safety: The "Old" Definition

Were they safe or were they lucky?

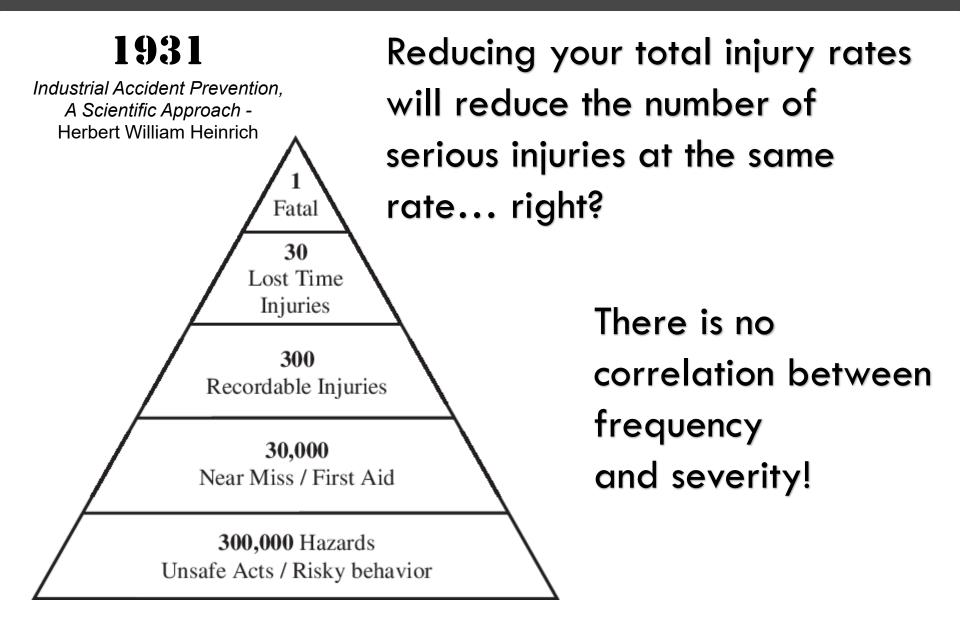




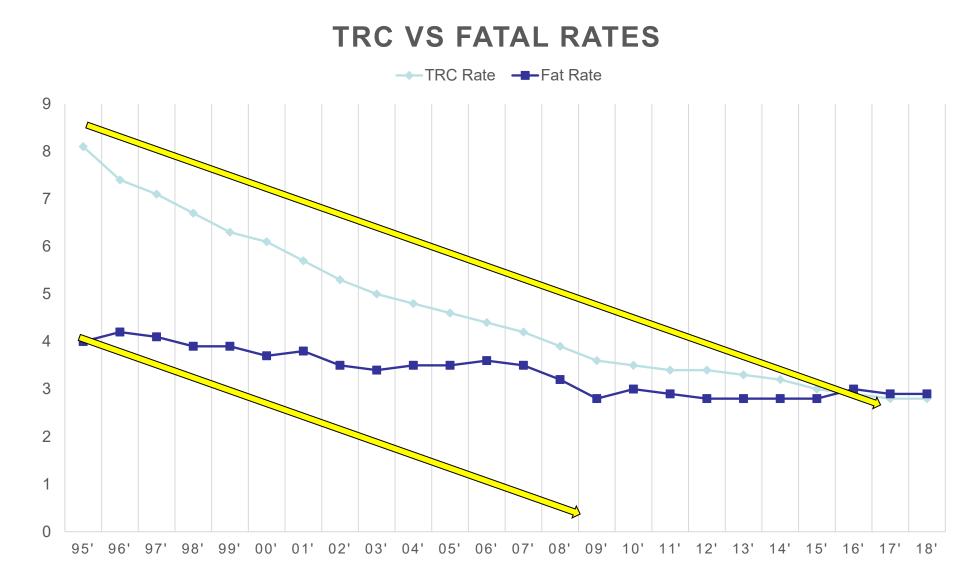
IN 2019:

Both Experience Modification Rates = (.81) Both had minor injuries Both had zero fatalities

Old View: Was Heinrich Correct?



The Data





<u>New View:</u> Safety is defined by presence of capacity or...the ability to <u>fail safely.</u>

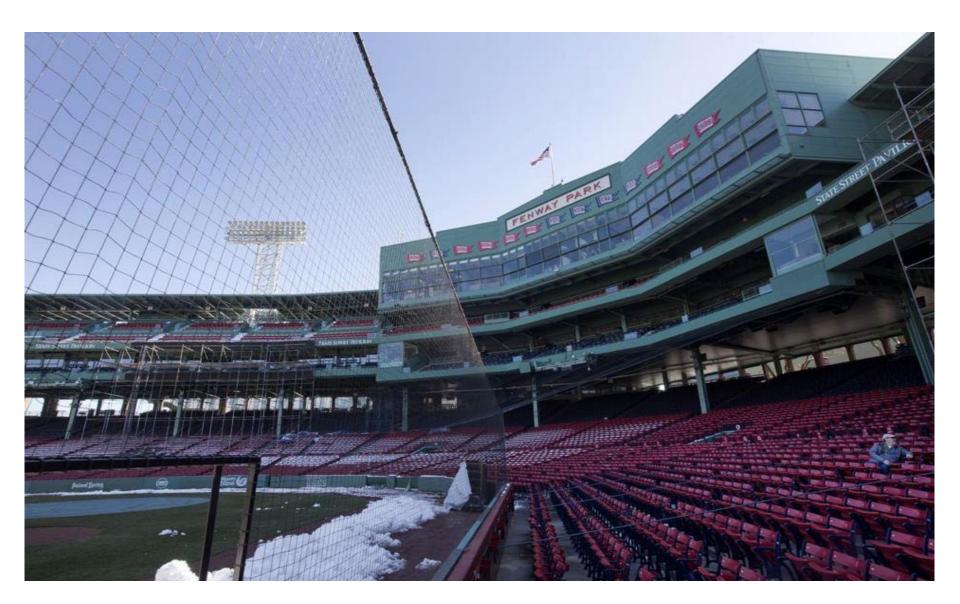


Capacity

For years, no was ever seriously hurt at Fenway... Safe right?



Strong Capacity – "If" or "when"



Capacity – "If" or "when"

More than 38 kids die in hot cars every year, and July is the deadliest month

By Scottie Andrew and AJ Willingham, CNN () Updated 3:51 PM ET, Tue July 30, 2019





OK - New Safety, now what?

The Five Things you need to know:

- 1. Error is normal people make mistakes
- 2. Blame fixes nothing
- 3. Response to error matters
- 4. Context and Systems drive behavior
- 5. Learning is vital



Foundation #1: Error is Normal

Errors will happen no matter what you do! But... Errors can be predictable.

- Lack of or a breakdown in management controls
- Unclear Expectations
- Non routine work!
- Human Conditions (Emotion, complacency, etc.)
- Rushing
- High Workloads
- Interrupted work
- Multi-Tasking
- Work-arounds



<u>Old View:</u> The worker is the problem – fix them.

<u>New View:</u> The worker is the solution – fix the system using the worker. Blame and Punish Or Learn and Improve

"It doesn't make sense to hire smart people and tell them what to do; we hire smart people so they can tell us what to do."

- Steve Jobs

- 1. <u>Do not</u> blame the worker!
- 2. Systems factors always contribute to error
- 3. Fix the error; do not let its existence continue

<u>ASK</u>: Did the worker fail the system or the system fail the worker?



Foundation #3: Response to error matters!

Workers are not machines, errors will happen... It's in **human nature**!

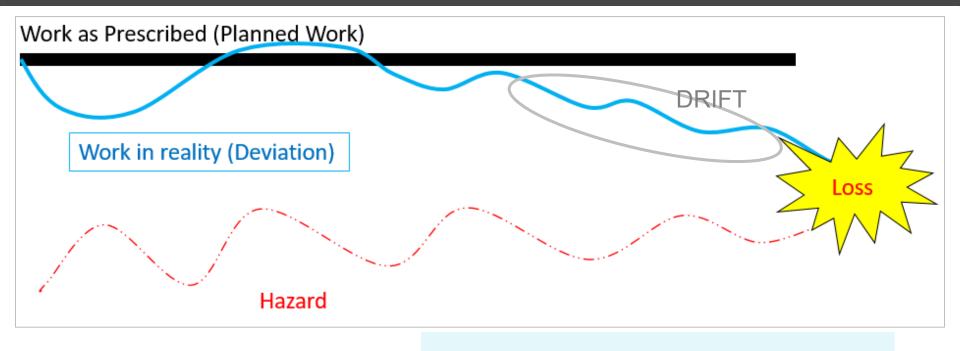


Failure is simply the opportunity to begin again, this time more intelligently. Henry Ford

Foundation #4: Systems Drive Behavior



Foundation #4: Systems Drive Behavior



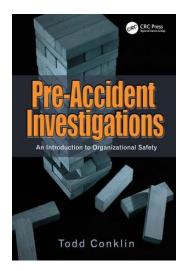


Foundation #5: Learning is VITAL

Learn from failure instead of blame for failure!

- ✓ Conduct Pre-Accident Investigations
- ✓ Find Process Flaws and Normalized Problems (latent errors)
- ✓ Find Process Successes





Foundation #5: Learning is VITAL

Learning Teams

- Create a standard list of priority learning events
- ✓ Create your learning team comprised of workers
- Discuss employee view of the problem
- Employees discuss solutions
- \checkmark Management acts on the solutions
- \checkmark Follow up on the solution to ensure it is working



Learning Teams

- ✓ How is more important than why
- ✓ Why is more important than who
- ✓ Get the story Context is important
- ✓ Build a report
- ✓ Informal is better than formal
- ✓ <u>No management pressure</u>

"It [learning teams] has to do with being open, with a willingness to share information about safety problems without the fear of being nailed for them."

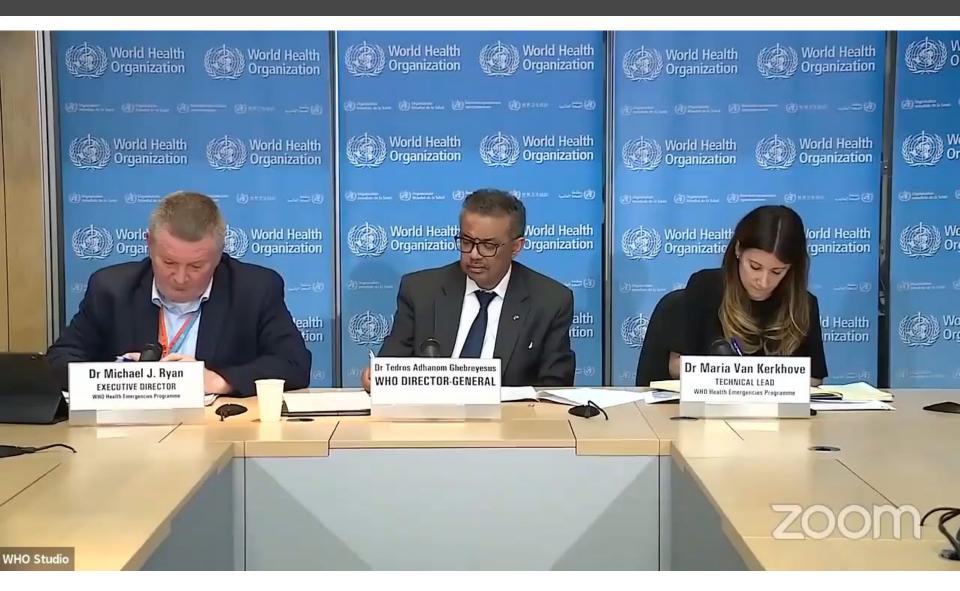
— Sidney Dekker, <u>Just Culture</u>

So what else? Pre plan!

- 1. What is the most critical or dangerous task we are about to perform?
- 2. What are my controls for that task?
- 3. Are those controls actually enough?



Safety Differently and COVID-19



Safety Differently and COVID-19

Don't Politicize – Do what is right!

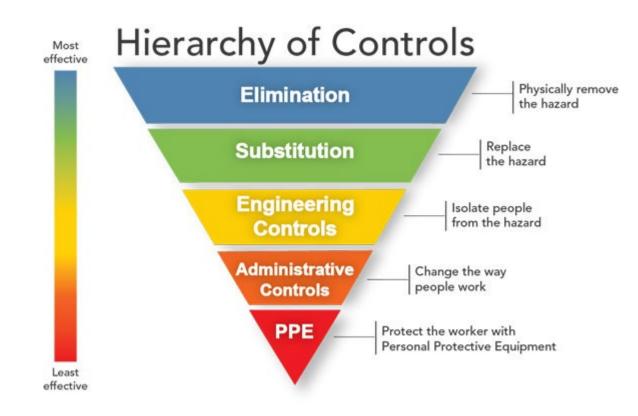
- ✓ Use your workers for ideas
- ✓ Use experts
- ✓ Collaborate with hard hit areas
- ✓ Adapt quickly Build Capacity
- ✓ Never be afraid of over reacting!



Safety Differently and COVID-19

You cannot control everyone's behavior!

Be Resilient!



New Vs Old Summary

Traditional Safety

- Workers are the problem to be fixed. We fix safety by making workers better
- 2. We must tell workers what to do and, perhaps more importantly, what not to do.
- 3. Safety is the absence of accidents
- 4. Minor injury reduction correlates to fatality reduction

New Safety

- 1. Workers are not the problem They are the problem solvers
- We don't tell our organizations what to do – ask them what they need
- Safety is not the absence of accidents – it is the presence of capacity
- 4. Minor injury reduction has not correlation fatality reduction

Set some goals

- Create 5 goals in new Safety and Health Performance areas... Failure, error, blame, learning, etc.
- Start a few learning teams (or some sort of non-blame oriented review)
 WorkWISE NH can help!
- Ensure subcontractor are on the same page as you
- Create an action plan for things you know can be improved
- ID and work towards finding non-routine tasks, planning for them and/or stopping work when they are encountered
- Focus on real time and leading indicators

Reading/Listening Lists

Pre Accident Investigation Podcast -

The 5 Principles of Human Performance – Todd Conklin

Pre-Accident Investigations – Todd Conklin

The Field Guide to Understanding Human Error – Sidney Dekker

Just Culture – Sidney Dekker

Organizational Culture and Leadership – Edgar Schein

The Corporate Culture Survival Guide – Edgar Schein

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Questions



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