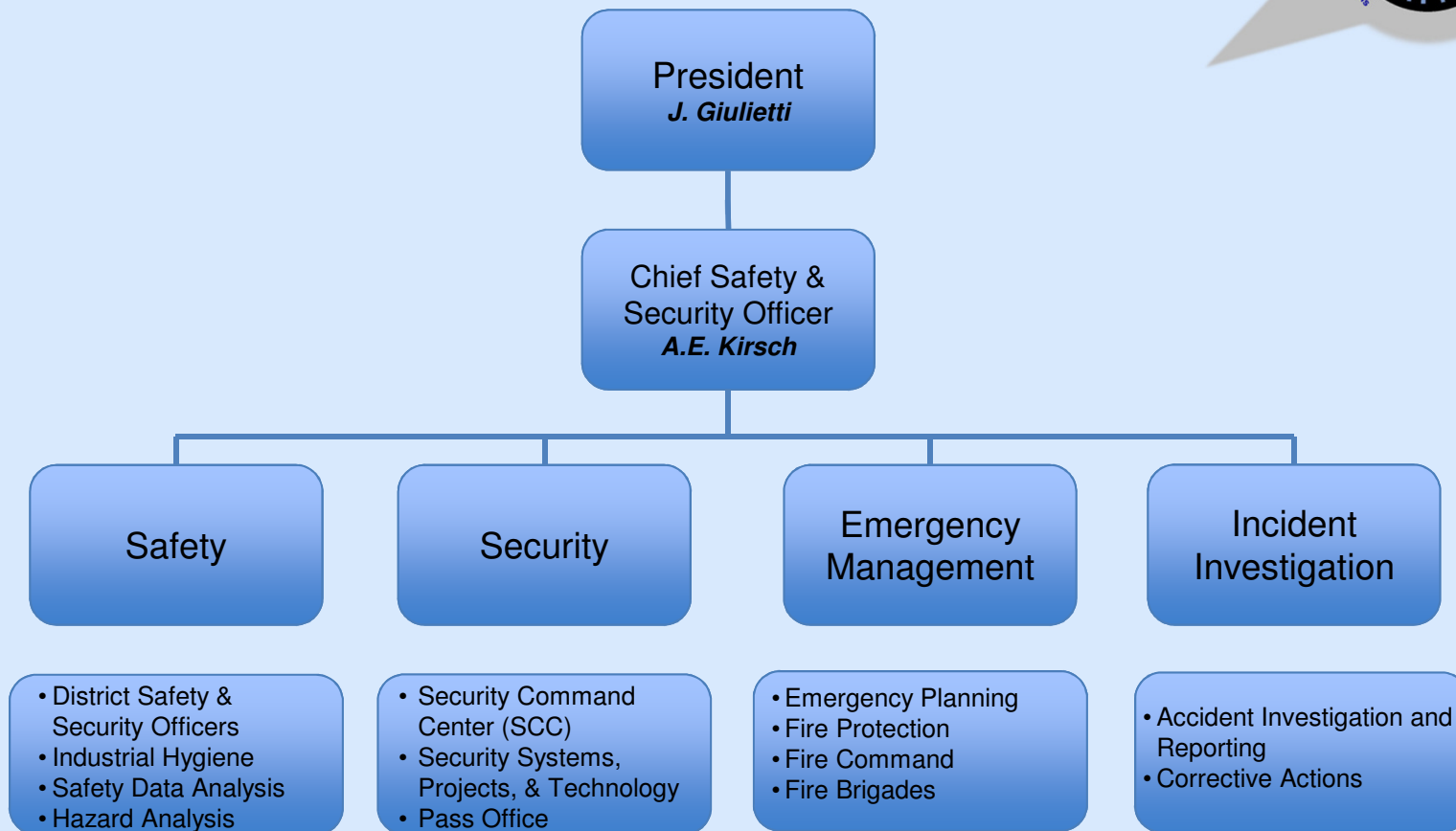


Metro-North Railroad

Safety Program Report 2013



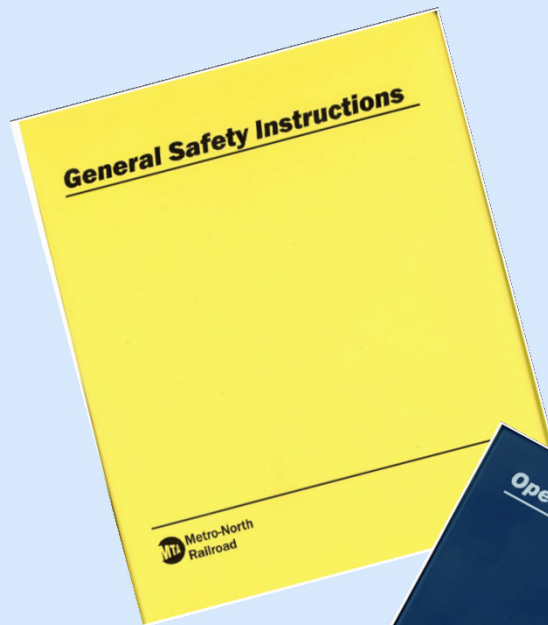
Safety & Security Department



Priority One Safety Program



Objectives



Standards & Policies: Safety Policy & Procedures



- General Safety Instructions
 - Update to be published 1Q 2014
- System Safety Program Plan
 - Improved 2011 Plan based on FRA and APTA guidelines
 - Buy-In and acceptance from all departments and labor organizations
 - Expected 2Q 2014 revision of SSPP
- Planned Policy & Procedure Updates for 2014
 - Asbestos, Lead, Hearing Conservation, Respiratory Protection, Right to Know, Hearing Conservation, Bloodborne Pathogen Protection, Lock-Out/Tag-Out, Fall Protection, Confined Space



Programs: Incident Management



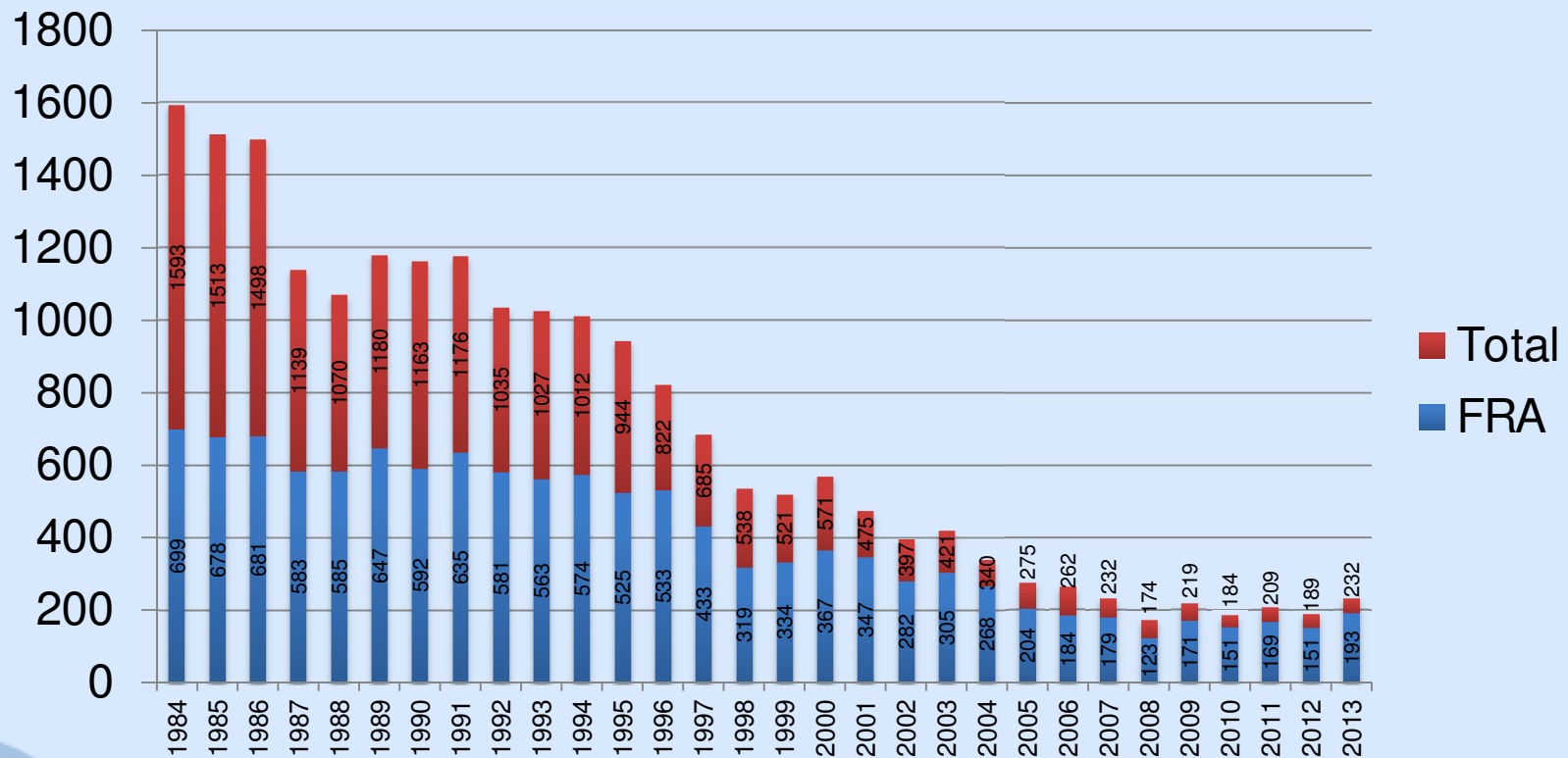
- Incident Investigations
 - Revised “Incident Reporting and Investigation Guide”
 - Revised Initial Report of Incident (IR-1) and Incident Investigation Report (IR-2) forms
 - District Safety & Security Officer assistance
- Safety Incident Review
 - Senior management meeting to discuss specific employee incidents.
 - Incidents are chosen based on cause, corrective actions, applicability across work sites and departments.
- Employee Incident Database
 - Expanded to include all data resulting from incident investigations (overtime, weather, PPE, etc.)



Programs: Employee Injuries



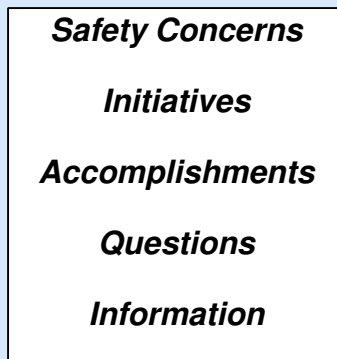
Employees



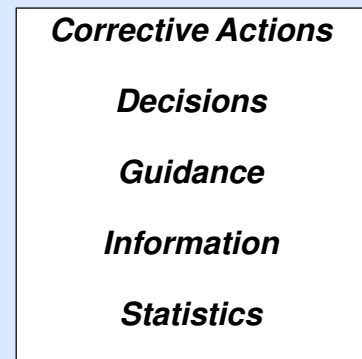
Safety Organization: A Pyramid Approach



Inputs:



Outputs:



Safety Organization: Safety Working Groups



- Communication Tools
 - Weekly and Monthly meetings with the various working groups
 - Safety Helpline
 - District Safety and Security Officers
 - Labor management partnerships
 - Confidential Close Call Reporting System (C³RS)
 - In Development
- Tracking hazards – maintained by Safety and Security
 - Corrective actions identified, assigned & tracked in database
 - Larger and more complex issues move up through the system of safety working groups as needed



New Initiatives:

Confidential Close Call Reporting System (C³RS)



- C³RS is a voluntary, non-punitive approach for employees to report certain incidents and close calls to 3rd Party
- A 3rd Party(NASA) de-identifies information and presents it to the MNR Review Team
- Review Team scrutinizes “scrubbed” data and establishes corrective action
 - Review Committee consists of FRA, Labor Representatives, and MNR Management



Programs:

Safety Briefings, Audits & Analysis



- Job Safety Briefings
 - Inform employees of specific hazards related to job tasks
- 24/7 Safety Audits
 - Scheduled observations of job tasks by managers and supervisors
- Safety Audits
 - Audits groups of employees in work environment
- Efficiency Testing
 - FRA mandated
- Job Safety Task Analyses
 - Identify and mitigate hazards associated with a certain job task
 - Multi-Agency effort with LIRR and NYCT



Programs: Hazard Management



HAZARD RISK ASSESSMENT MATRIX

Frequency of Occurrence	Hazard Categories			
	1 Catastrophic	2 Critical	3 Serious	4 Minor
(A) Frequent	1A	2A	3A	4A
(B) Probable	1B	2B	3B	4B
(C) Occasional	1C	2C	3C	4C
(D) Remote	1D	2D	3D	4D
(E) Improbable	1E	2E	3E	4E

Unacceptable
 High
 Medium
 Low

* This program is in development in accordance with MIL-STD-882E

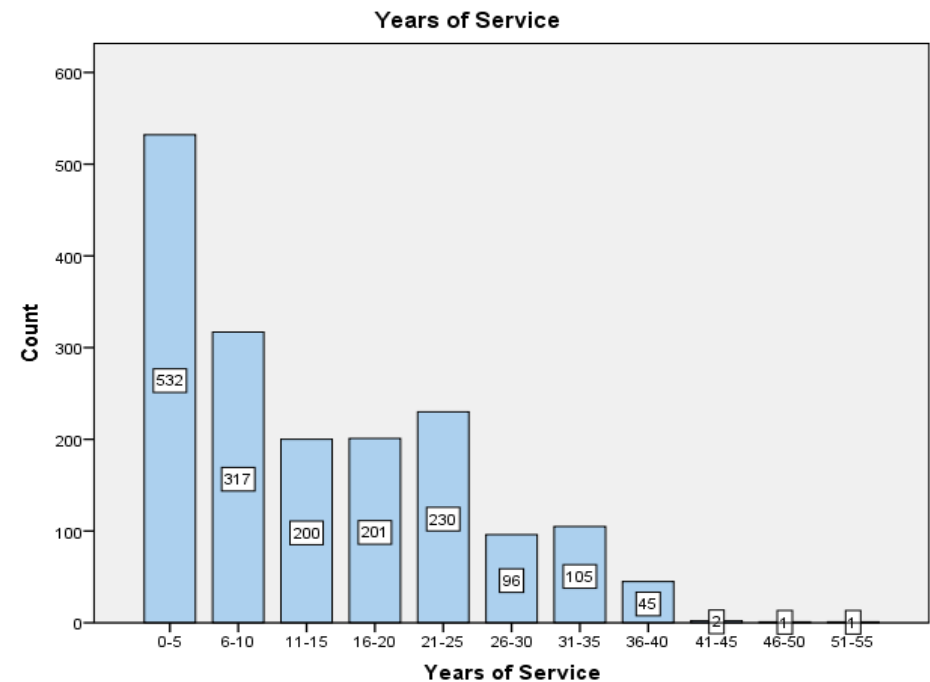
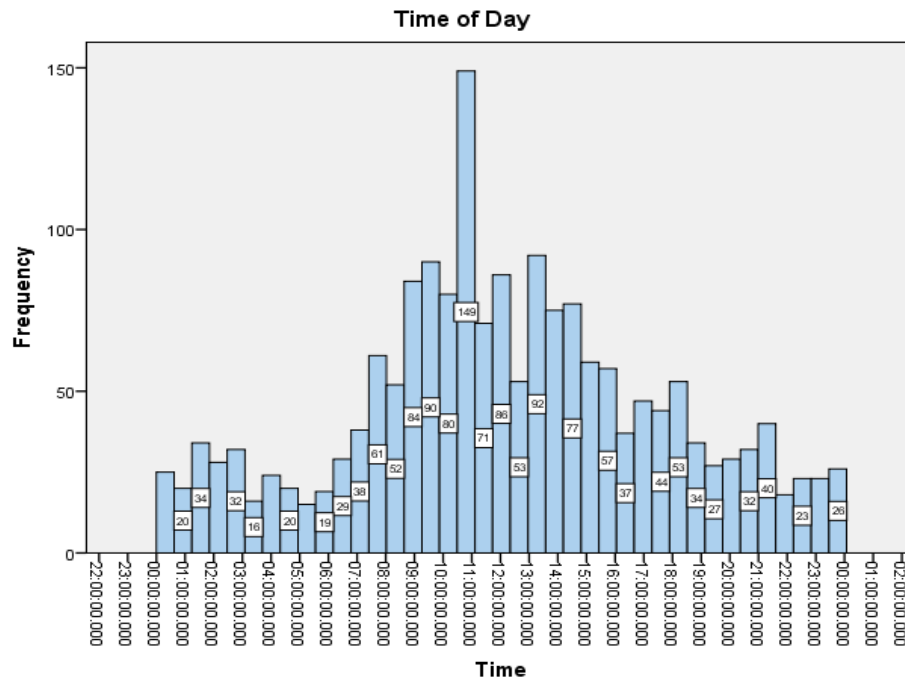
- Accidents and Incidents are reduced by proactively identifying hazards through multiple channels and tracked
- Associated risks are assessed
- Adequate mitigating measures are implemented to eliminate or reduce the risks involved in the hazards

Support Systems: Employee Incident Analysis



- The database of employee incidents has been expanded to examine more data about each specific incident
- This data is being used to analyze trends in employee incidents
- The variables are:
 - Date
 - Time
 - Location
 - Department
 - District
 - Employee's Age
 - Employee's Years of Service
 - Was the employee performing normal job duties?
 - Did the task require specific qualifications? Current?
 - Was a Job Safety Briefing (JSB) held prior to the incident?
 - If so, was the JSB relevant to the task?
 - Was the employee wearing the required PPE?
 - Was the employee working alone?
 - Was the employee working overtime?
 - Had the employee worked overtime in the last 5 days?
 - Weather conditions

Support Systems: Data Analysis (New)



2013 numbers include injuries from major incidents

Safety Organization: Incident Investigation Team (New)



- New division within the Safety & Security Department
- Independent of operating departments, charged with investigating critical and major incidents, based on incident hierarchy standards
- Determine root causes and analyze trends of incidents
- Track recommendations made by the team and corrective actions implemented by departments



Support Systems: Capital Programs Safety Plan



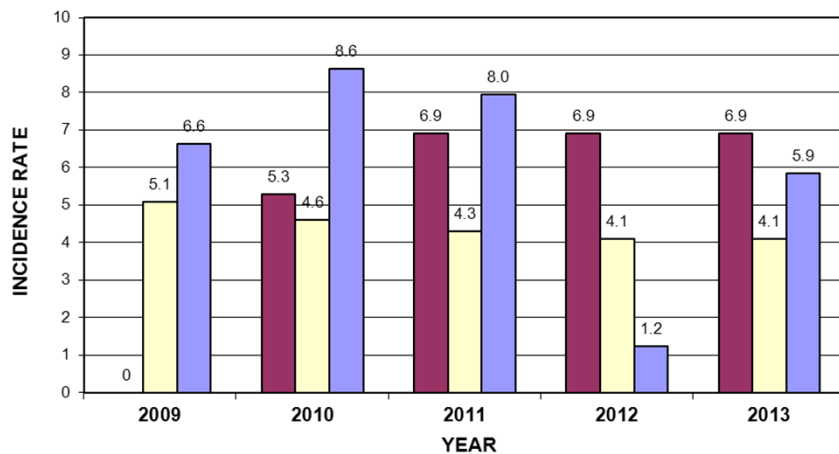
- Goals
 - Reduce Contractor OSHA/FRA Reportable Injuries by 20%
 - Reduce Contractor Lost Time Injuries by 10%
 - Improve Safety Awareness
- Educate
 - Improve Contractor Safety Program
 - Improve Training of Capital Employees with emphasis on New Hires
 - Improve Roadway Worker Safety Training
- Audit
 - Perform at least 1 Priority One Team Safety Audit per project per week
 - Perform 1 audit of a Safe Work Plan per project per week
 - Identify & Correct unsafe conditions prior to incident or injury



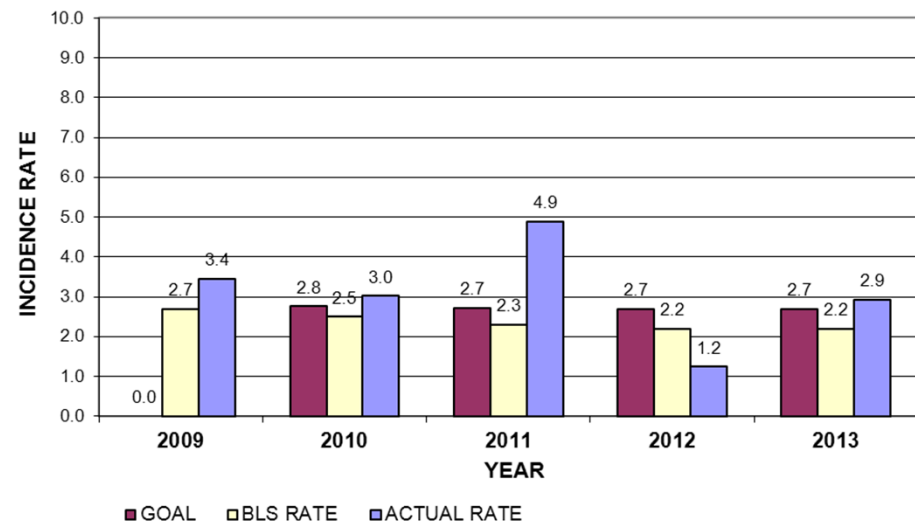
Support Systems: Five-Year Contractor Injuries



RECORDABLE Incidence Rates



LOST TIME Incidence Rates



Safety Organization: Safety & Security Department



- Demonstrated support of the Safety Function
 - Increased from 3 to 6 Safety & Security Officers to better conform to the Operational Districts
 - Added a Senior Analyst
 - Added a Fire Marshal
 - Assumed management of GCT Fire Brigade and Fire Command Center (FCC)
 - Added 3 Incident Investigators positions



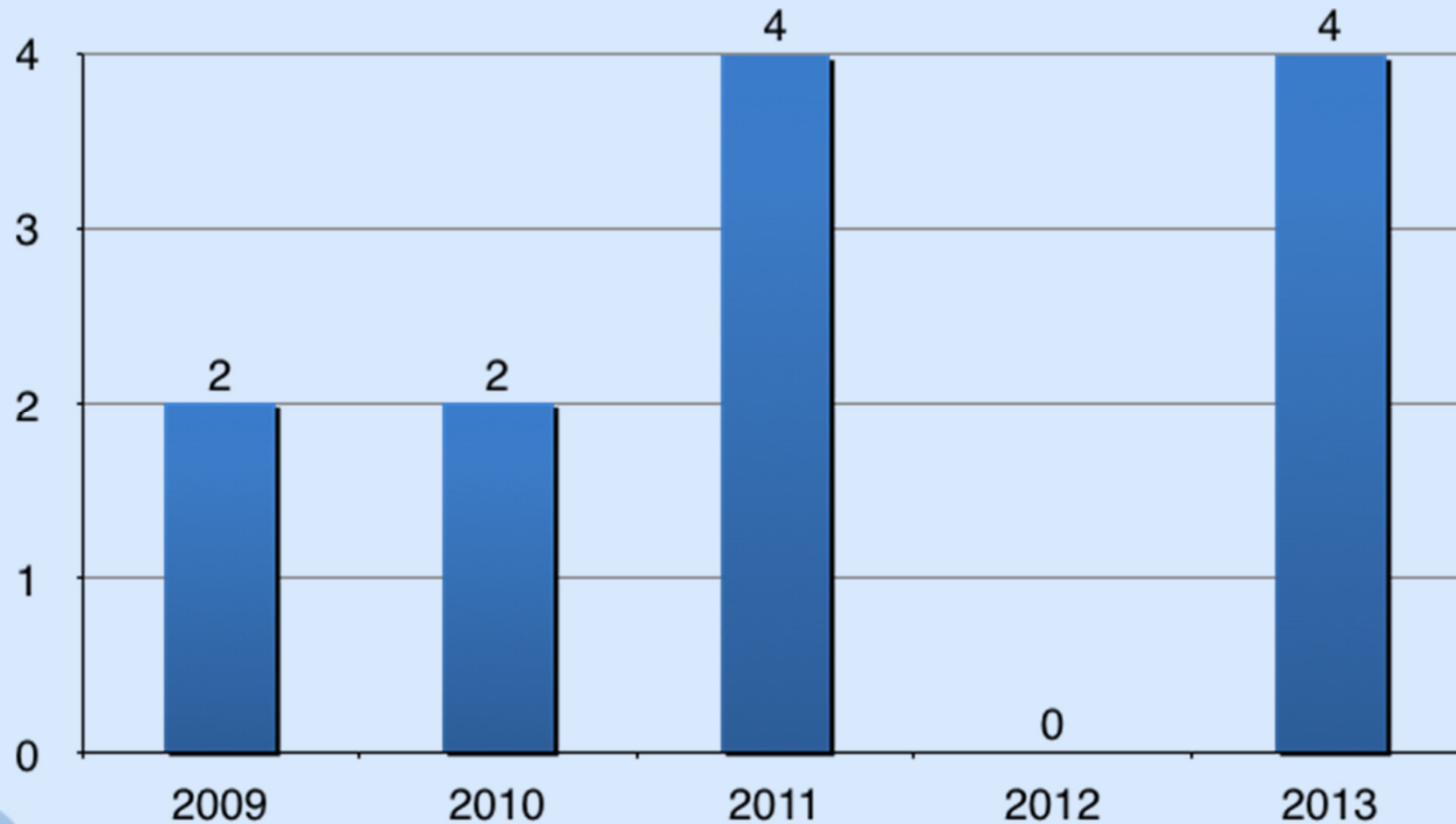
Safety Organization: Emergency Management



- Fire Brigades - an element of emergency management
 - Team includes NYS Fire Code Enforcement Officers and Certified Fire Fighters/Emergency Medical Technicians
 - Responded to over 1400 emergency calls in 2013
- Fire Command Center
 - FDNY requires a Fire Safety Director (FSD), holding a current FDNY FSD Certificate of Fitness, to be on the GCT premises 24/7. (1986 MOU with FDNY).
 - The FSD is responsible for implementing the building fire safety plan, Emergency Action Plan, and providing the FDNY with critical building information during alarms and emergencies.
 - Provides 24/7 Monitoring of all Building Fire Alarms and Life/Safety Systems.



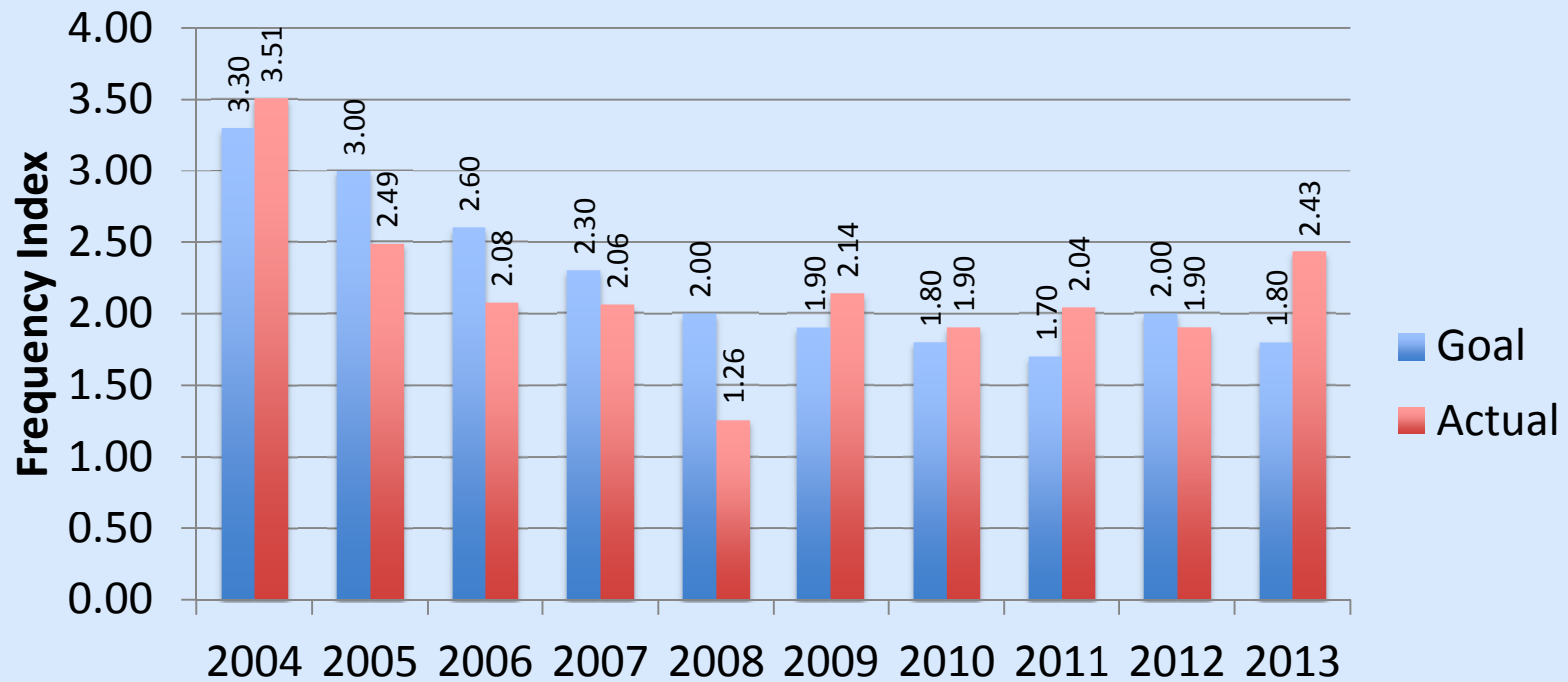
Safety Statistics: Reportable Main Line Derailments



Safety Statistics: 2013 Safety Goals



Employee Safety Goals



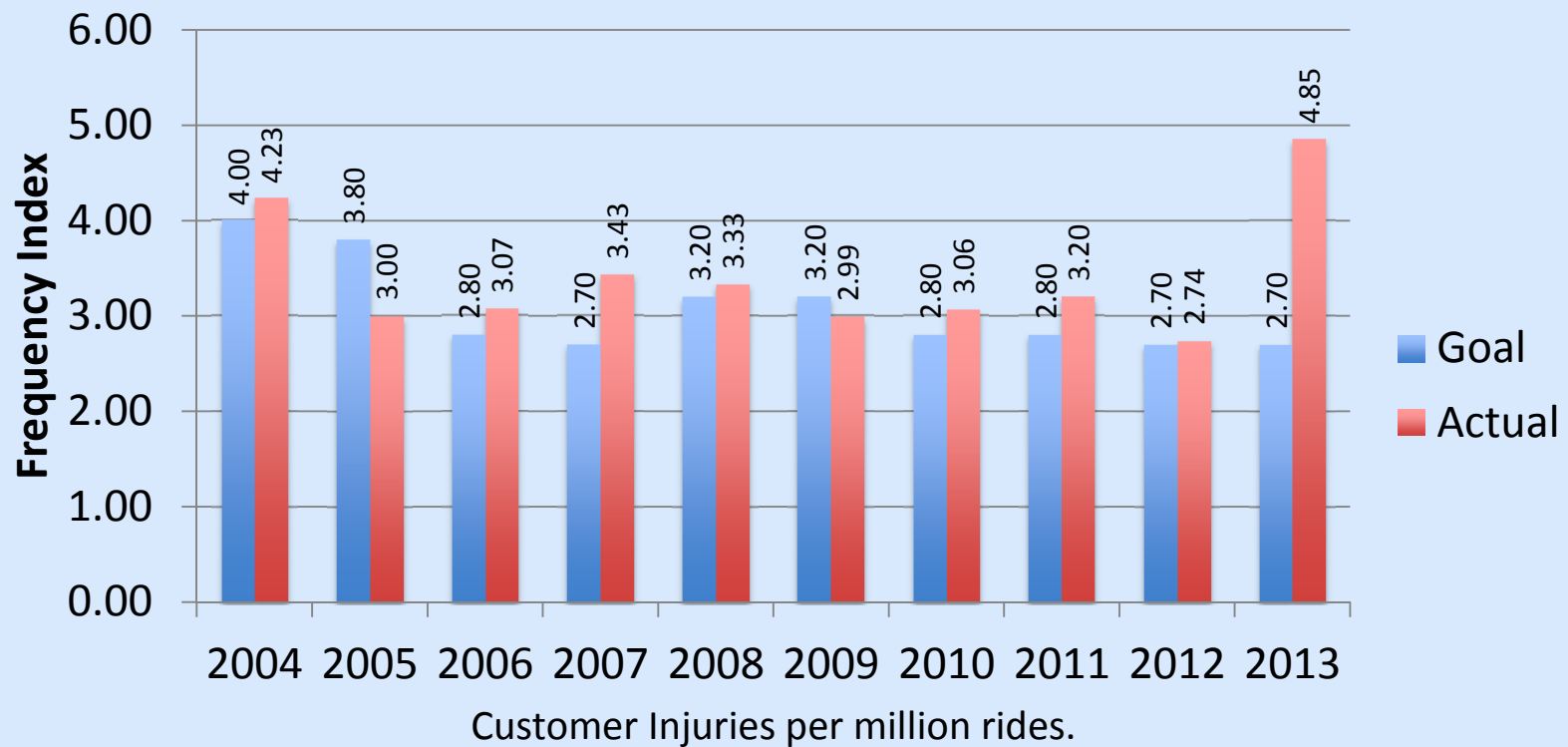
Employee Lost Time & Restricted Duty Injuries per 200k hours worked.

2013 numbers include injuries from major incidents

Safety Statistics: 2013 Safety Goals

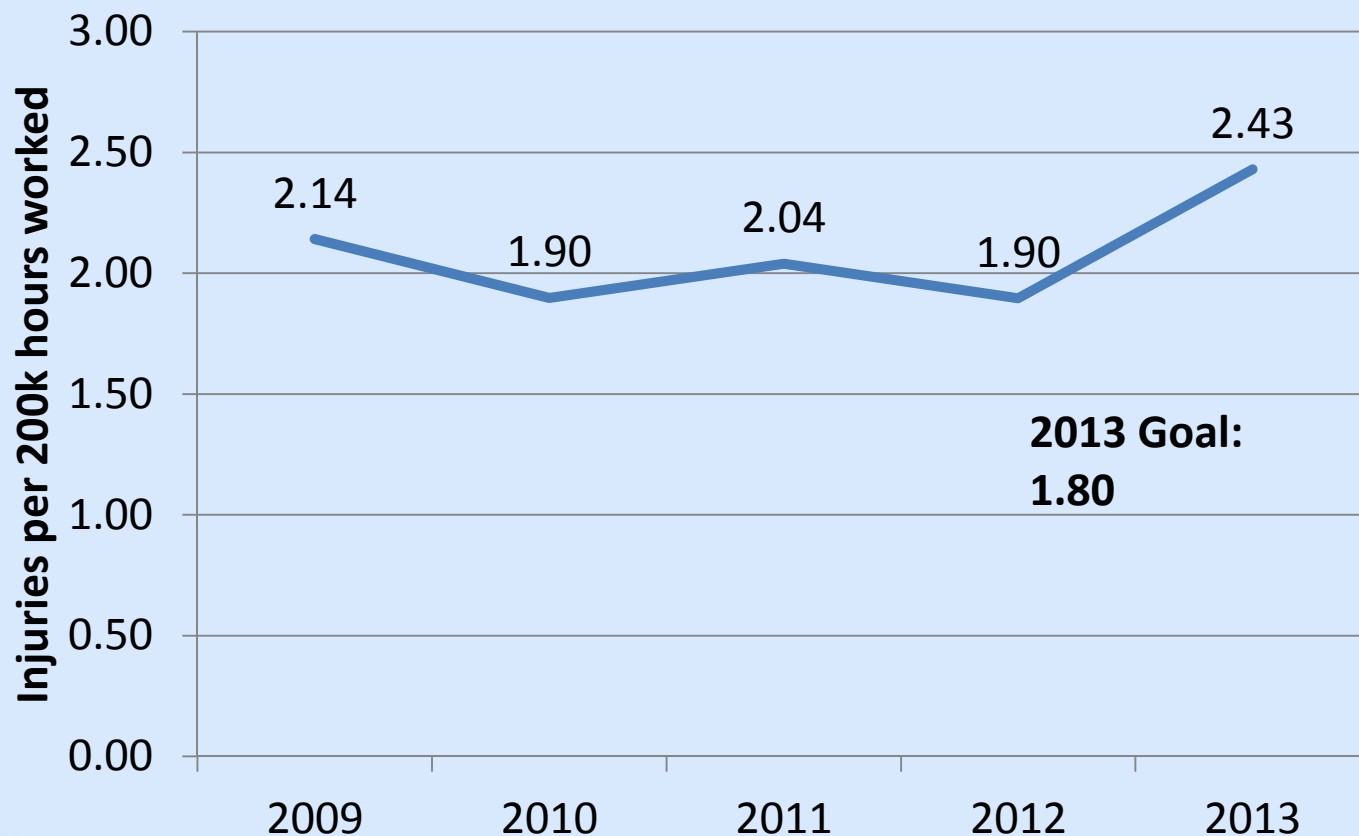


Customer Safety Goals



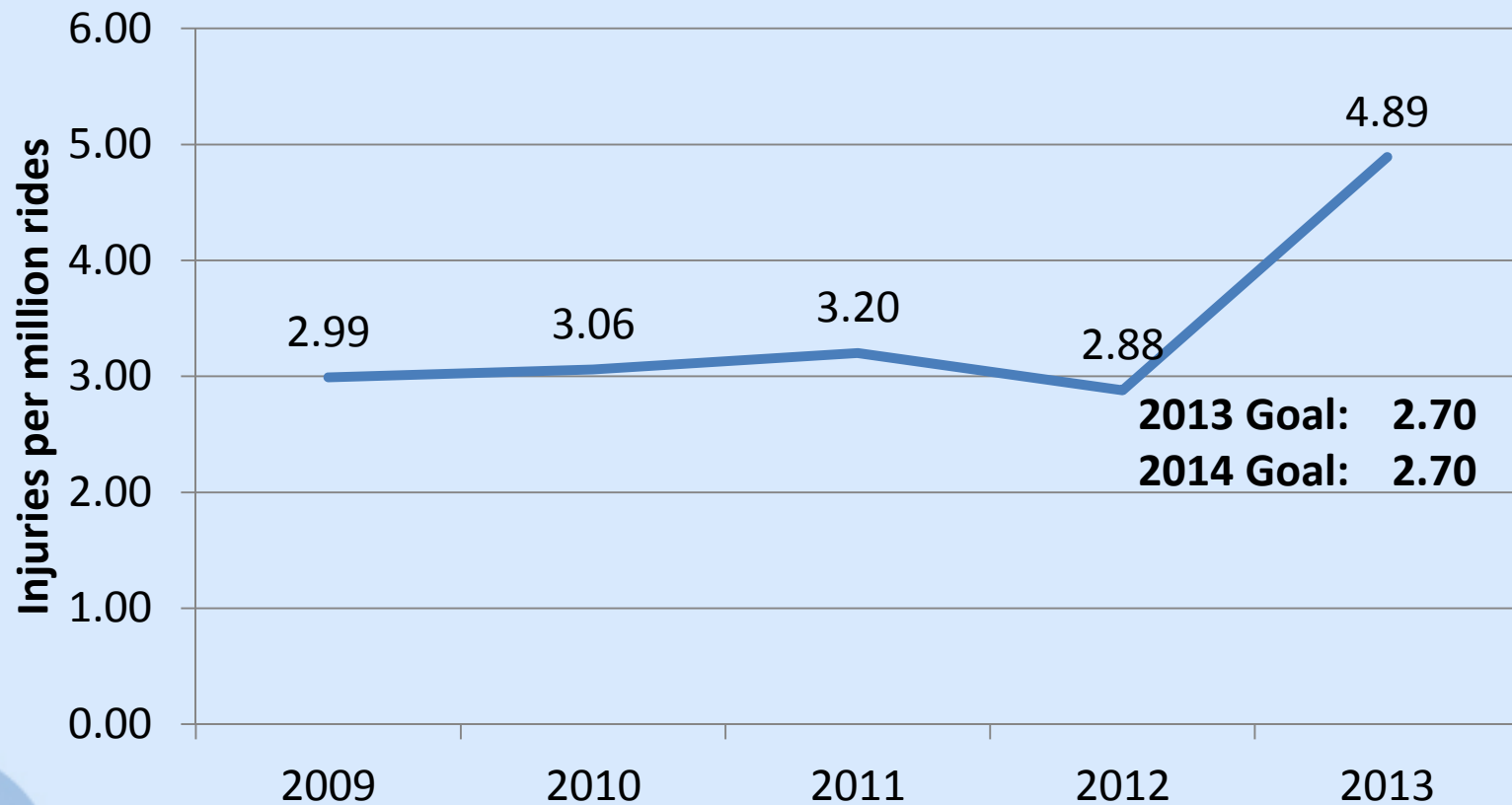
2013 numbers include injuries from major incidents

Safety Statistics: Five-Year Lost Time and Restricted Duty Injuries



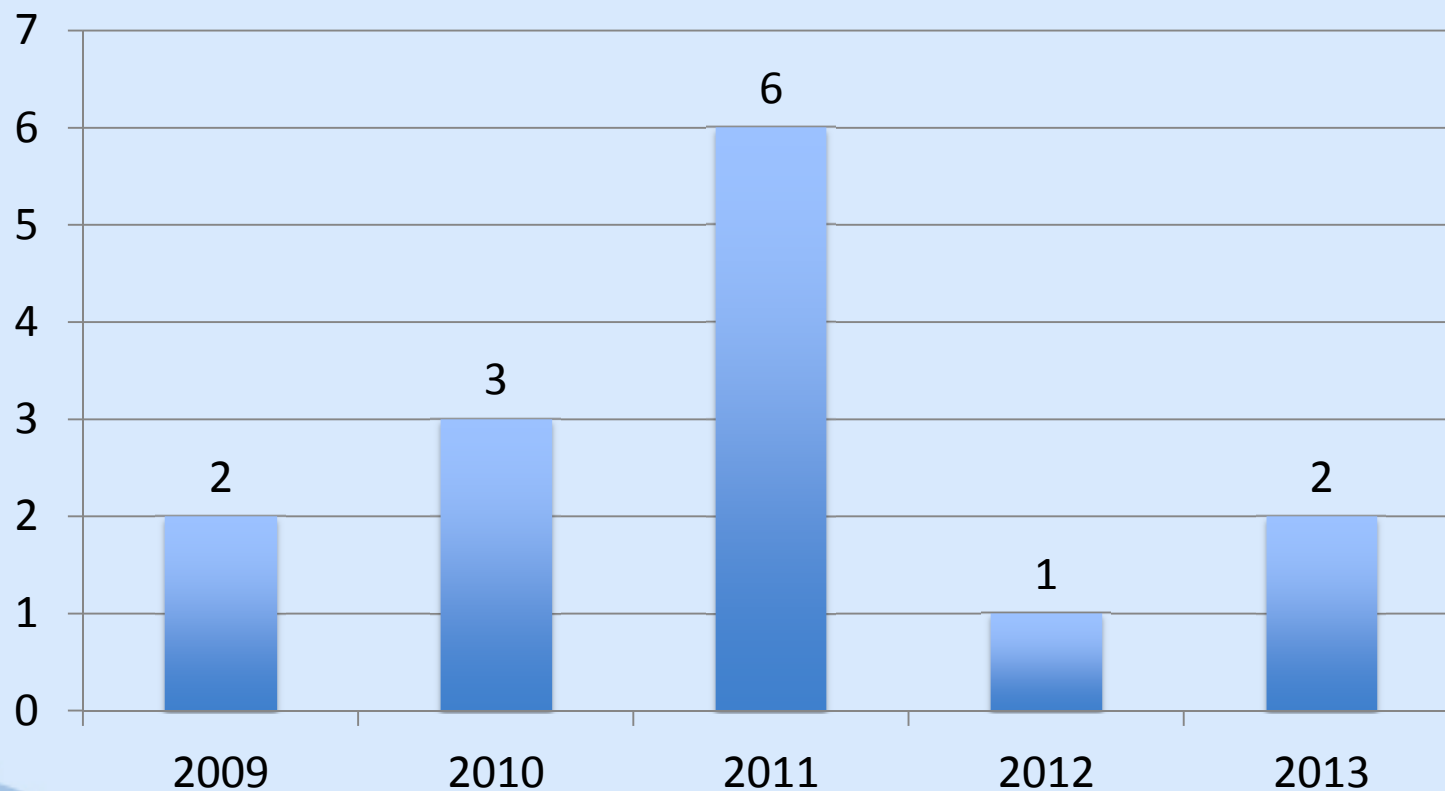
2013 numbers include injuries from major incidents

Safety Statistics: Five-Year Customer Injuries



2013 numbers include injuries from major incidents

Safety Statistics: Five-Year Grade Crossing Incidents



Enhanced Employee Protection System

