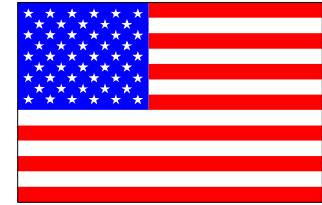


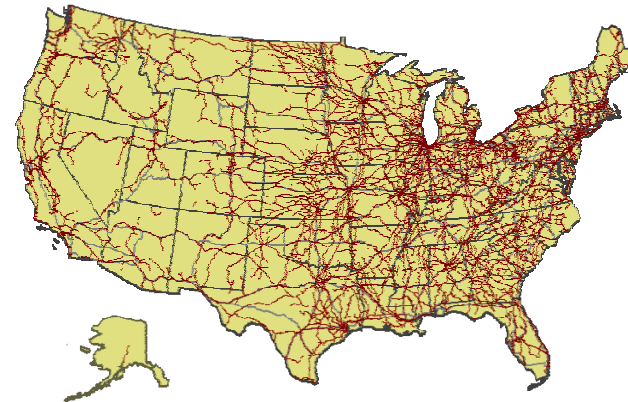


U.S. Department
of Transportation
**Federal Railroad
Administration**

Federal Railroad Administration



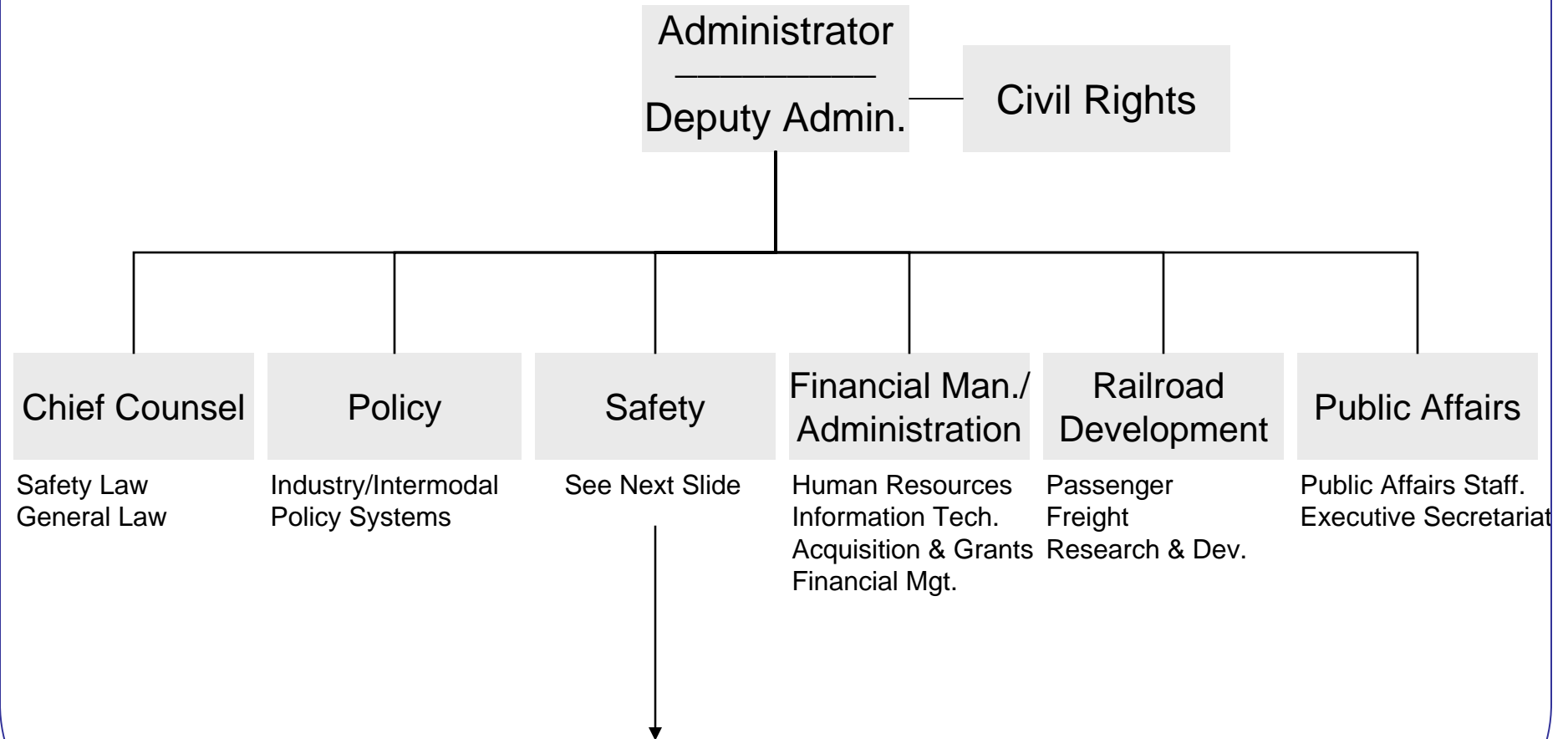
- FRA Overview
- Industry Overview
- Performance:
Delivering Results
- Plans for the Future



March 2007 – Office of Safety

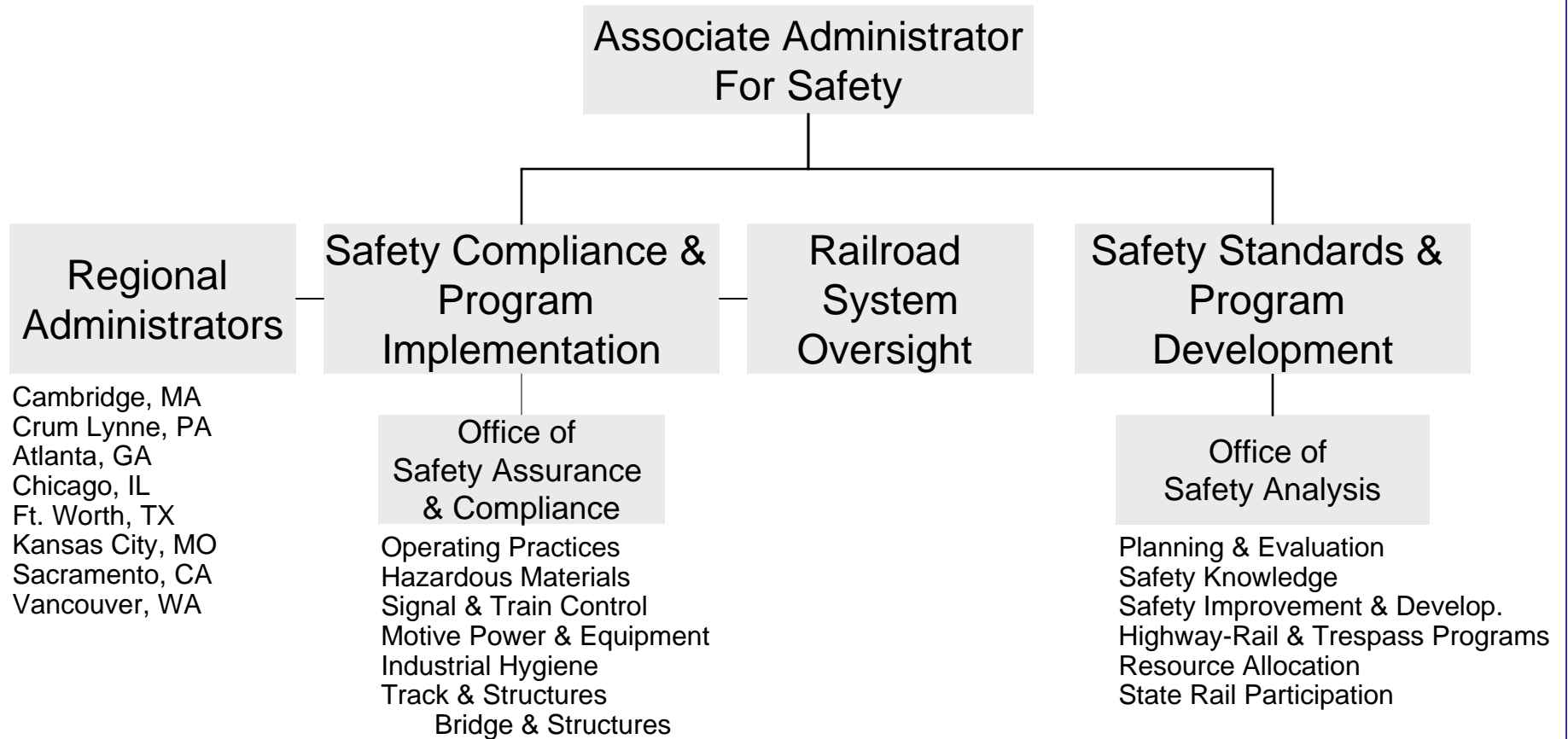
Federal Railroad Administration

General Organization



Federal Railroad Administration

Office of Safety



Federal Railroad Administration

Regulatory Framework

- Enforcement Tools
 - Defects/Deficiencies (warnings)
 - Violations (corporate civil penalties)
 - Individual Liability (civil penalty)
 - Compliance Orders
 - Emergency Orders
 - Special Notice For Repairs



Federal Railroad Administration

Railroad Safety Advisory Committee

- Full RSAC committee (61 members and an FRA chairperson)
- Working groups responsible for developing recommendations on specific tasks





Industry Overview

Freight and Passenger Railroads

Type	Railroad	Miles Owned	Miles Operated *	Employees
I	Amtrak	745	22,256	20,938
I	BNSF Railway	23,595	32,154	39,358
I	CSX Transportation	16,252	21,357	30,486
I	Canadian National – No. America	6,268	6,736	6,133
I	Kansas City Southern	2,707	3,197	2,787
I	Norfolk Southern	16,237	21,184	29,880
I	Canadian Pacific Rwy. Co.	1,652	3,511	2,699
I	Union Pacific	26,258	32,426	51,095
II	Regional (28 carriers)	15,641	15,641	7,422
III	Short Line (533 carriers)	27,109	27,109	11,878
	Commuter Railroads (22 agencies)	2,527	3,979	24,813
	Total	138,991	189,550	227,489

[I] Class I railroad (annual operating revenues of \$272 million or more) per Surface Transportation Board

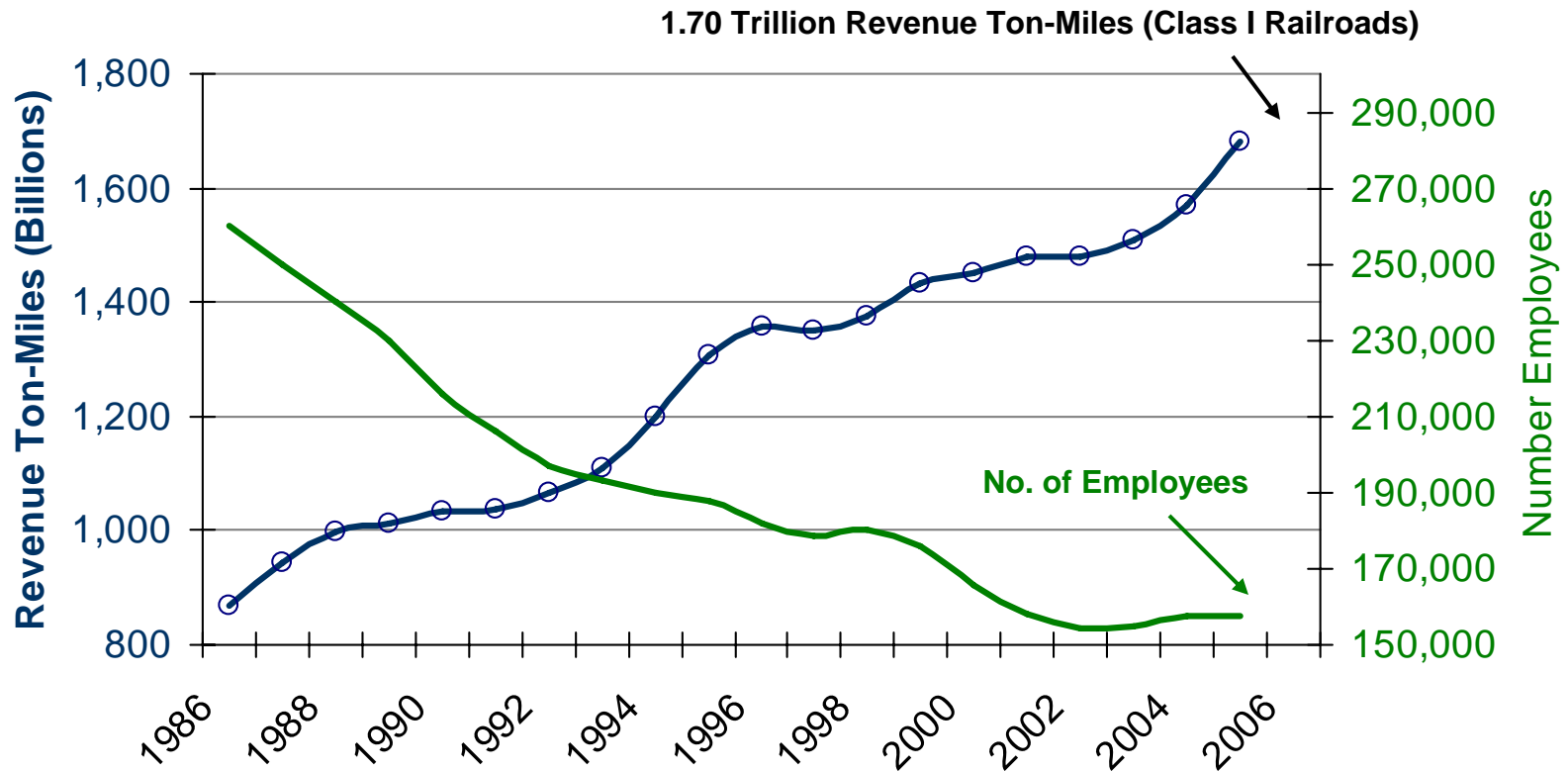
[II] Railroads with more than 350 miles of road and/or more than \$40 million annual operating revenues

[III] Railroads with less than 350 miles of road and/or less than \$40 million annual operating revenues

* Miles owned plus operating rights on other railroads

Industry Overview

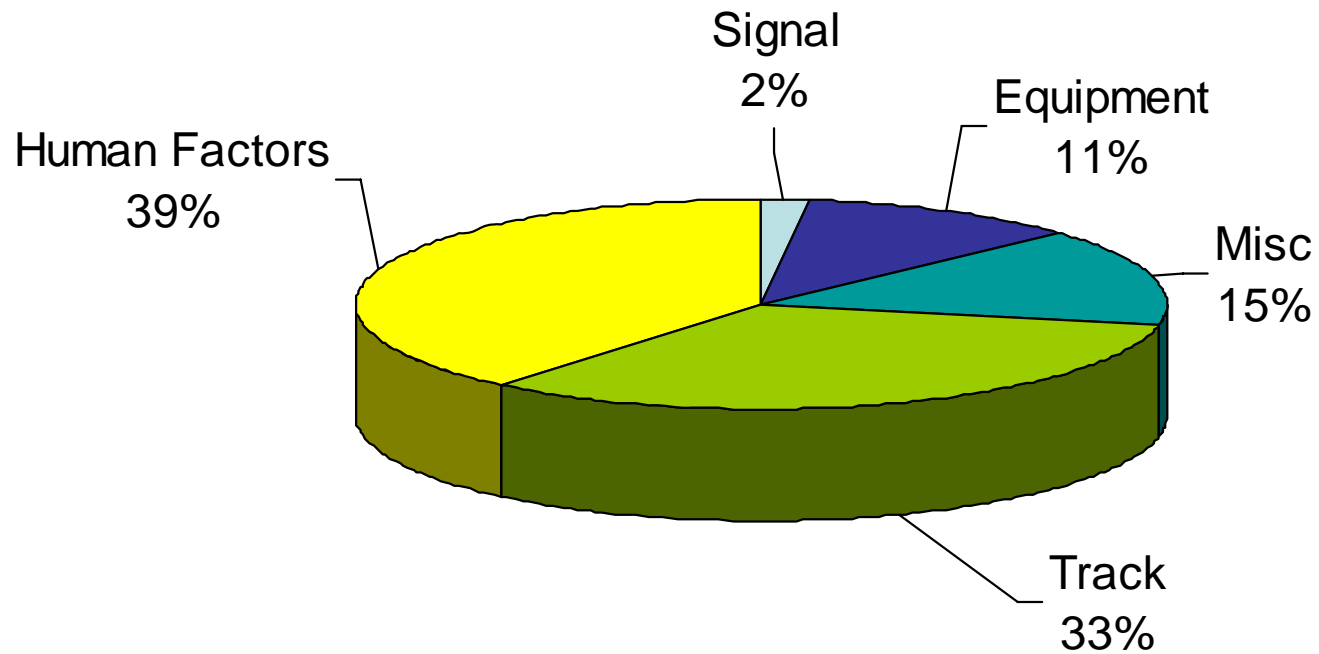
Revenue Ton-Miles and Employees



Federal Railroad Administration

Train-Accident Cause Categories

Accident cause categories – 3,191 accidents in 2005
(excludes highway-rail grade crossing accidents)



Delivering Results

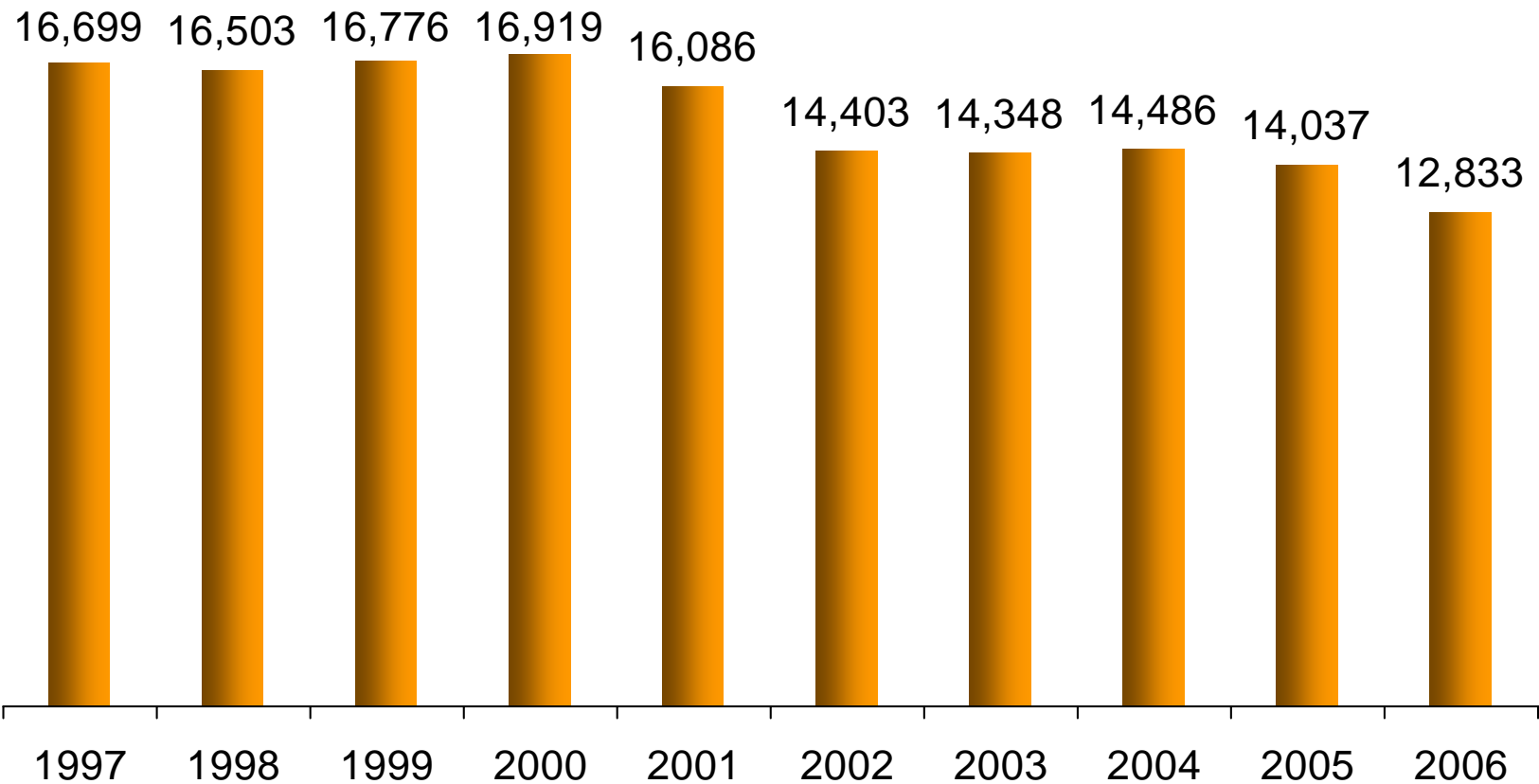
National Rail Safety Action Plan Highlights

- Close Call pilot project
- Track geometry cars will perform automated inspections
- New enhancements to high-resolution video joint bar inspection system
- Working with AAR to more quickly provide accurate info to hazmat first responders and to assess tank car integrity
- National Inspection Plan improves resource allocation based on data-driven research



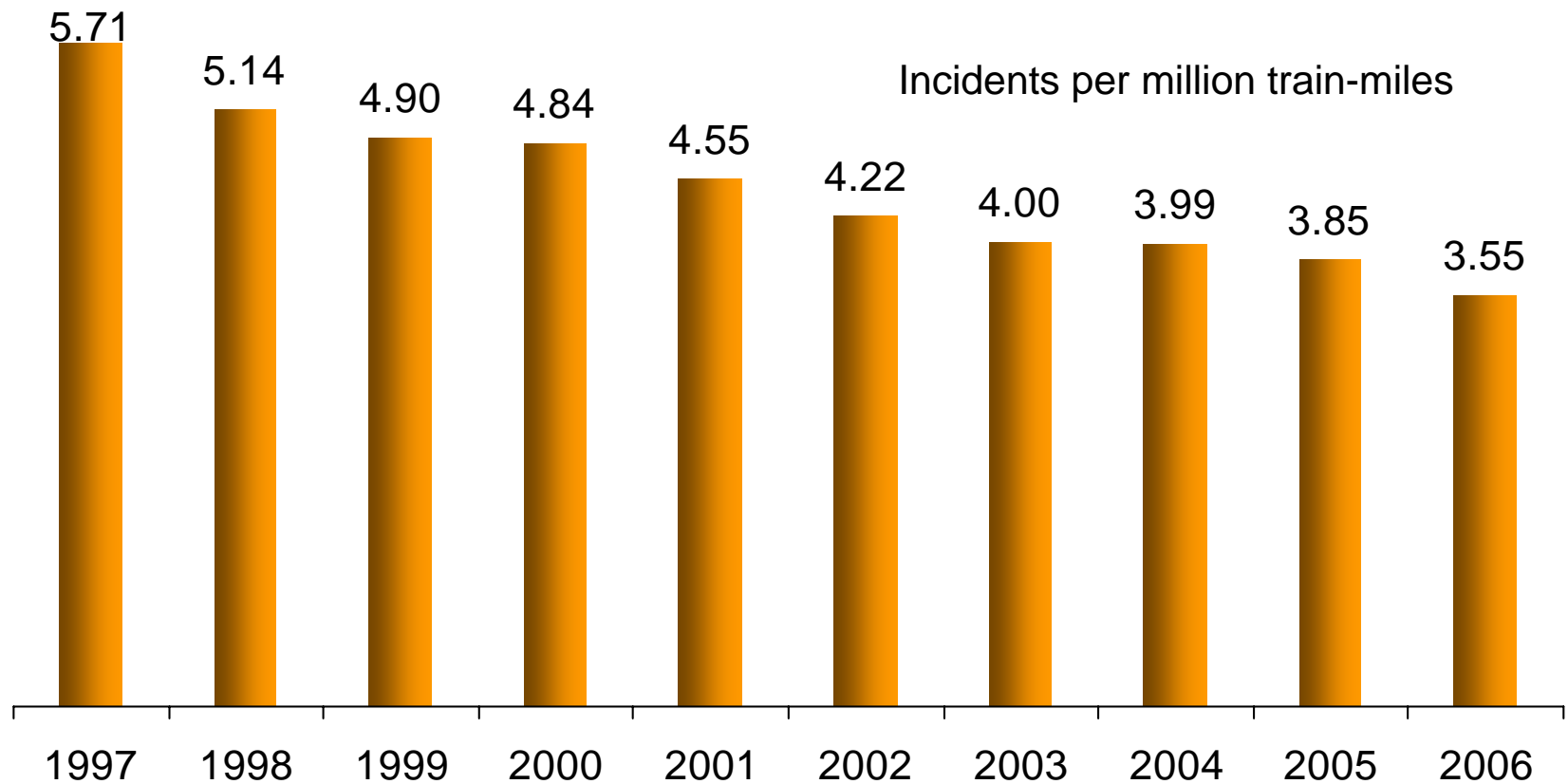
Delivering Results

Total Accidents/Incidents



Delivering Results

Highway-Rail Incidents Rate



Delivering Results

International Influence

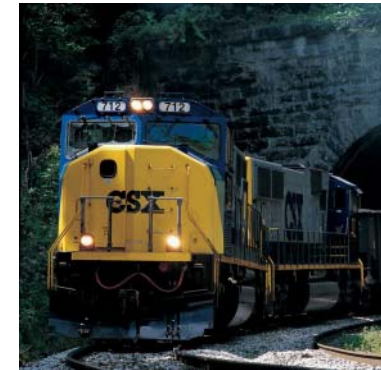


- Egypt:
In light of a series of railroad accidents, the U.S. Embassy requested FRA's help in developing a safety program.
 - A senior manager from FRA is on loan to Egypt for 90 days to develop the program
- France:
The FRA works with the International Union of Railroads in France on proactive risk management processes

Plans for the Future

Safety Reauthorization Bill

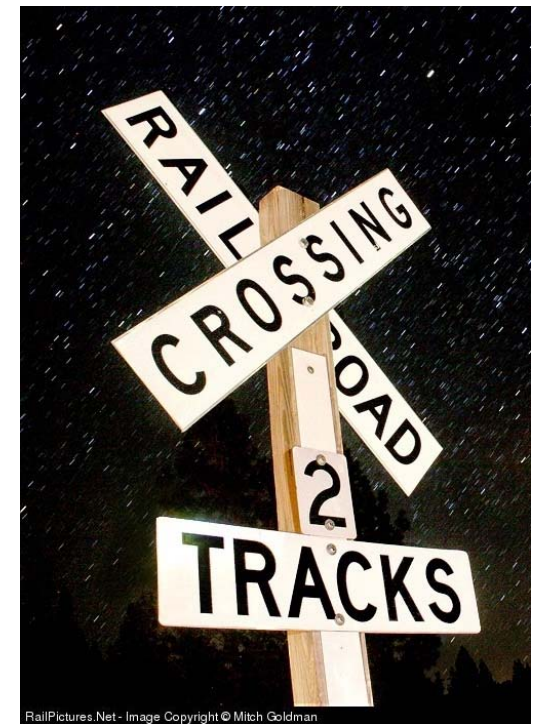
- The bill was introduced in the House by Congressmen Jim Oberstar (MN), John Mica (FL), Bill Shuster (PA), and Congresswoman Corrine Brown (FL) on March 9.
- Bill addresses three areas:
 - Risk Reduction Program
 - Regulatory authority over the Hours of Service Act
 - Mandatory updating of National Crossing Inventory



Plans for the Future

Safety Risk Reduction Program (RRP)

- **The Current Accident and Rule-Based Safety Culture**
- **Readiness for Change in U.S. Railroad Industry**
- **Background - HF Accidents**
- **RRP Vision and Goal**
- **How to Reduce HF Accidents: Create Learning Culture**
- **An Overall View**
- **How we will do this**



Plans for the Future

Safety Risk Reduction Program (RRP) Readiness for Change in U.S. Railroad Industry



- 80,000 new employees to be hired in next 5 years: labor, management, senior leaders
- Strong organizational culture
- Recognition of need and opportunity for change

Plans for the Future

Safety Risk Reduction Program (RRP)

Vision

- Better management and use of precursor (predictive) data not just reactive data
- A safety learning culture that allows open disclosure about safety without fear

Goal

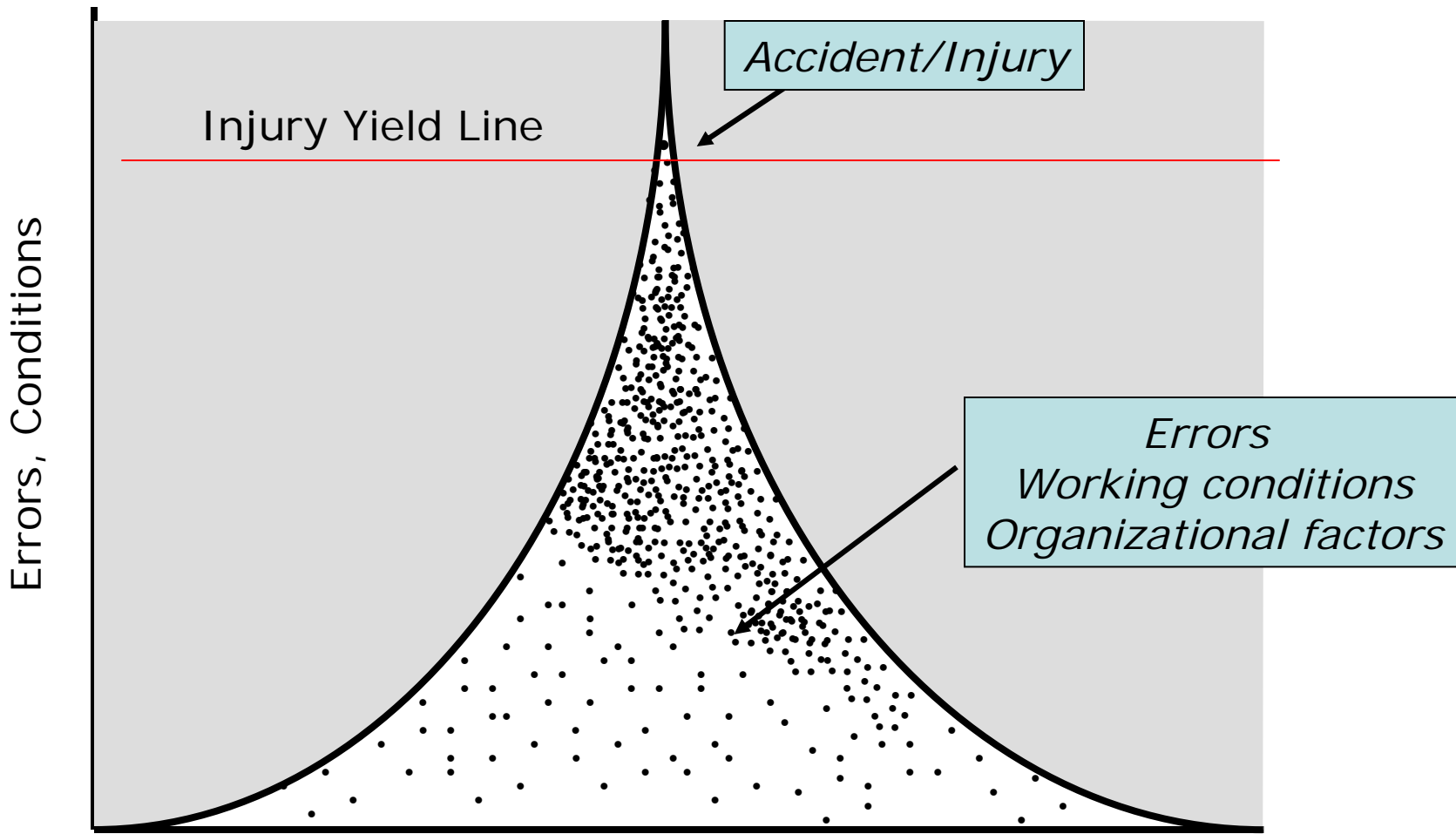
- To reduce accidents in the North American railroad industry by 50 percent in the next five years through the use of precursor data.



Plans for the Future

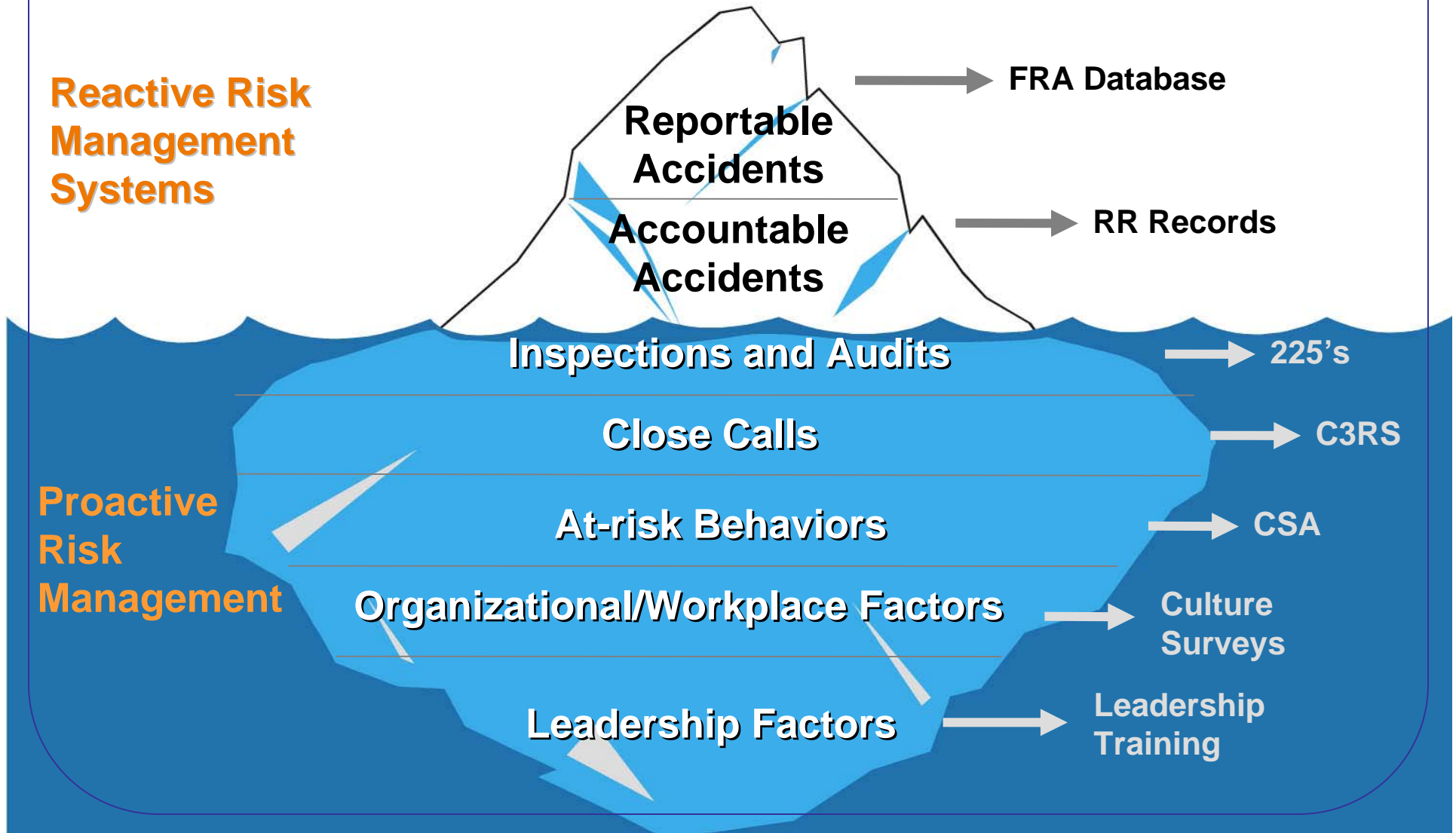
Safety Risk Reduction Program (RRP)

How to Reduce HF Accidents: Create Learning Culture



Plans for the Future

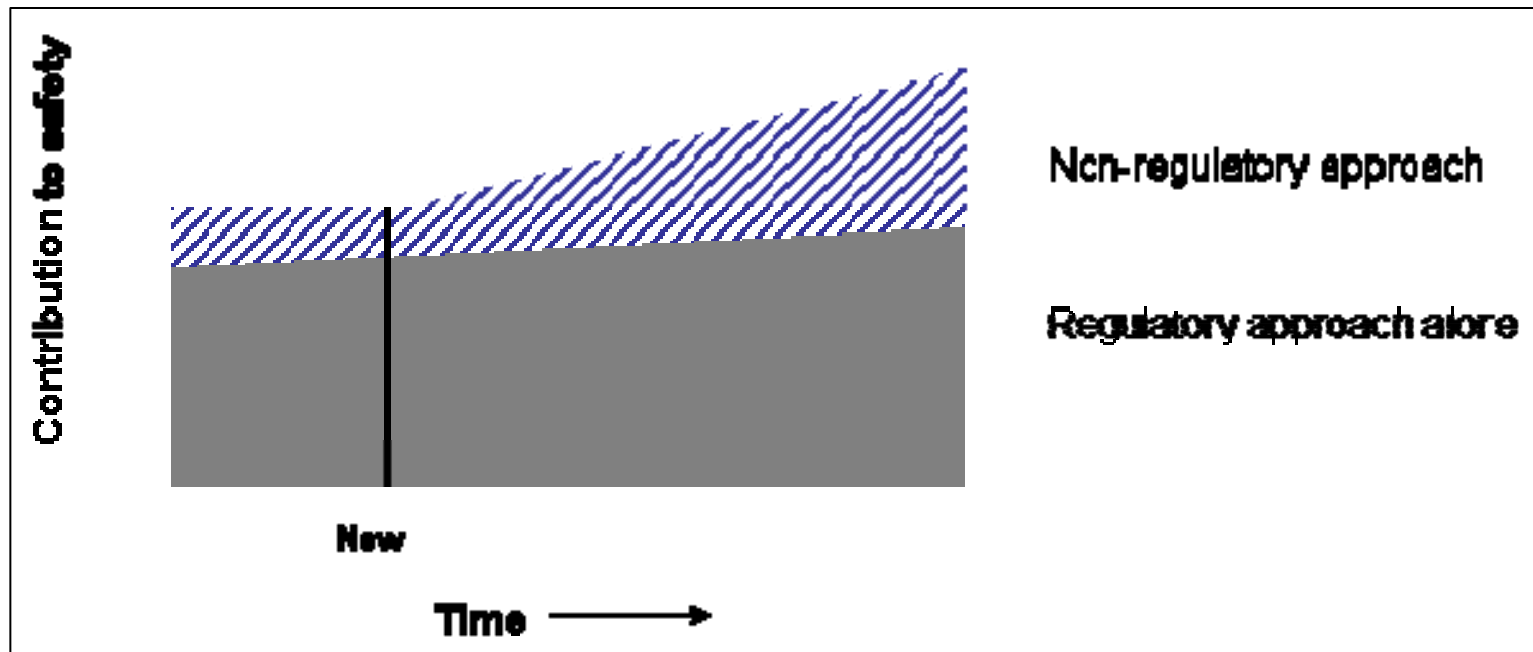
Safety Risk Reduction Program (RRP) An Overall View



Plans for the Future

Safety Risk Reduction Program (RRP)

How we will do this



Continue to strengthen regulatory enforcement approaches while adding complementary nonenforcement approaches