

# **PIMA Presentation**

*Stan Owens*

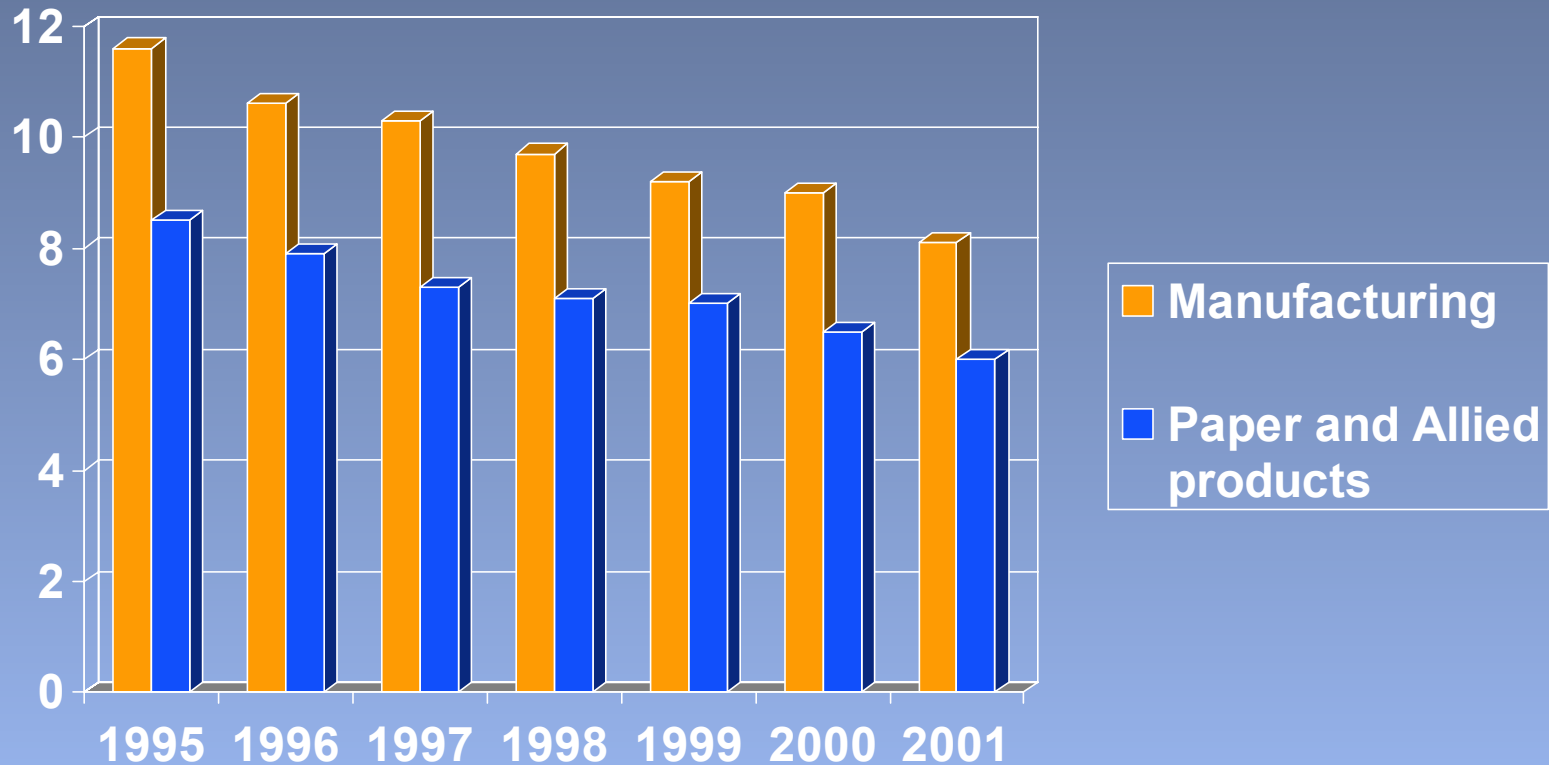
*Senior Consultant*

*Behavioral Science Technology INC.*

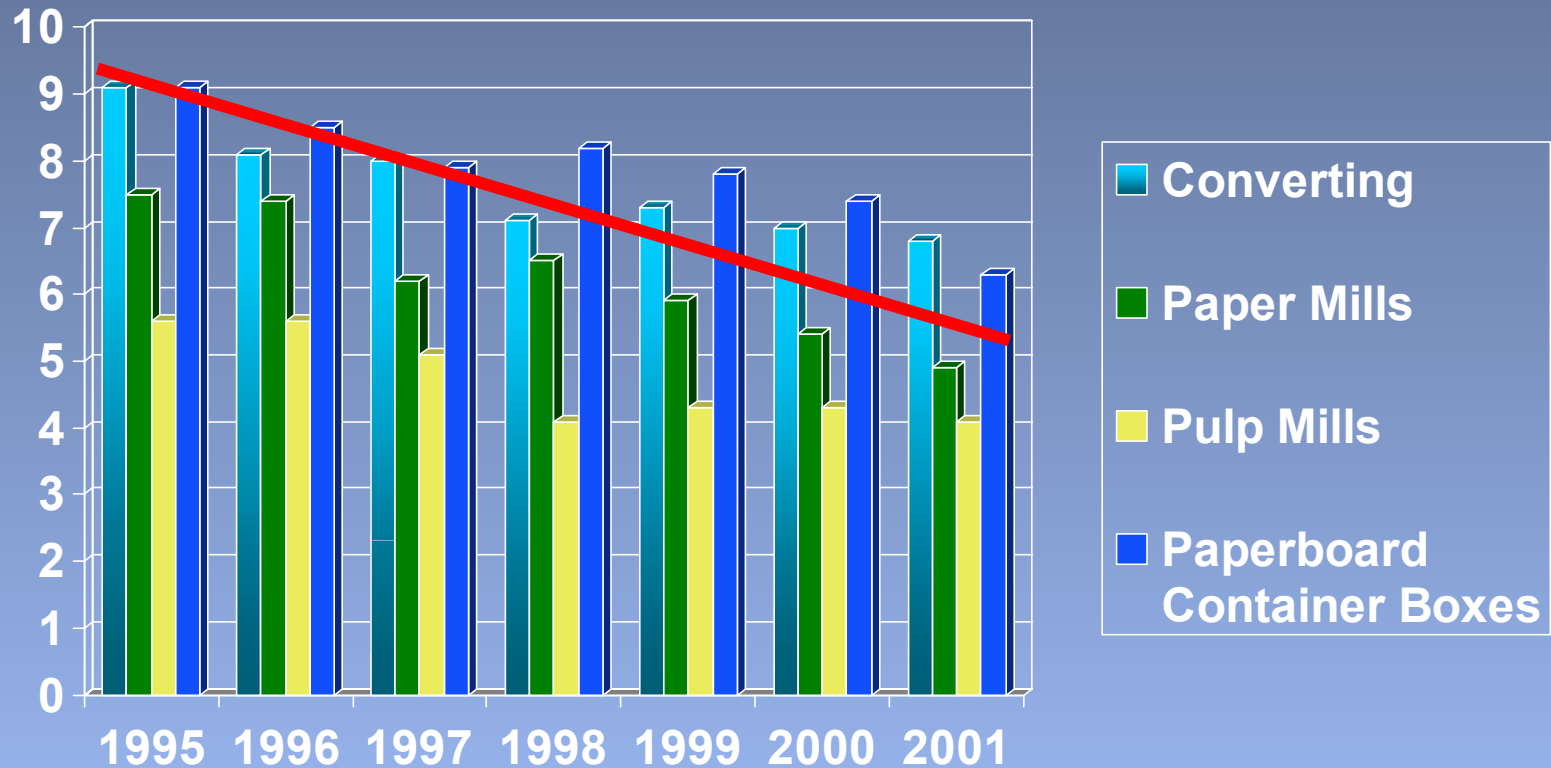
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# Manufacturing Industry Paper and Allied Products

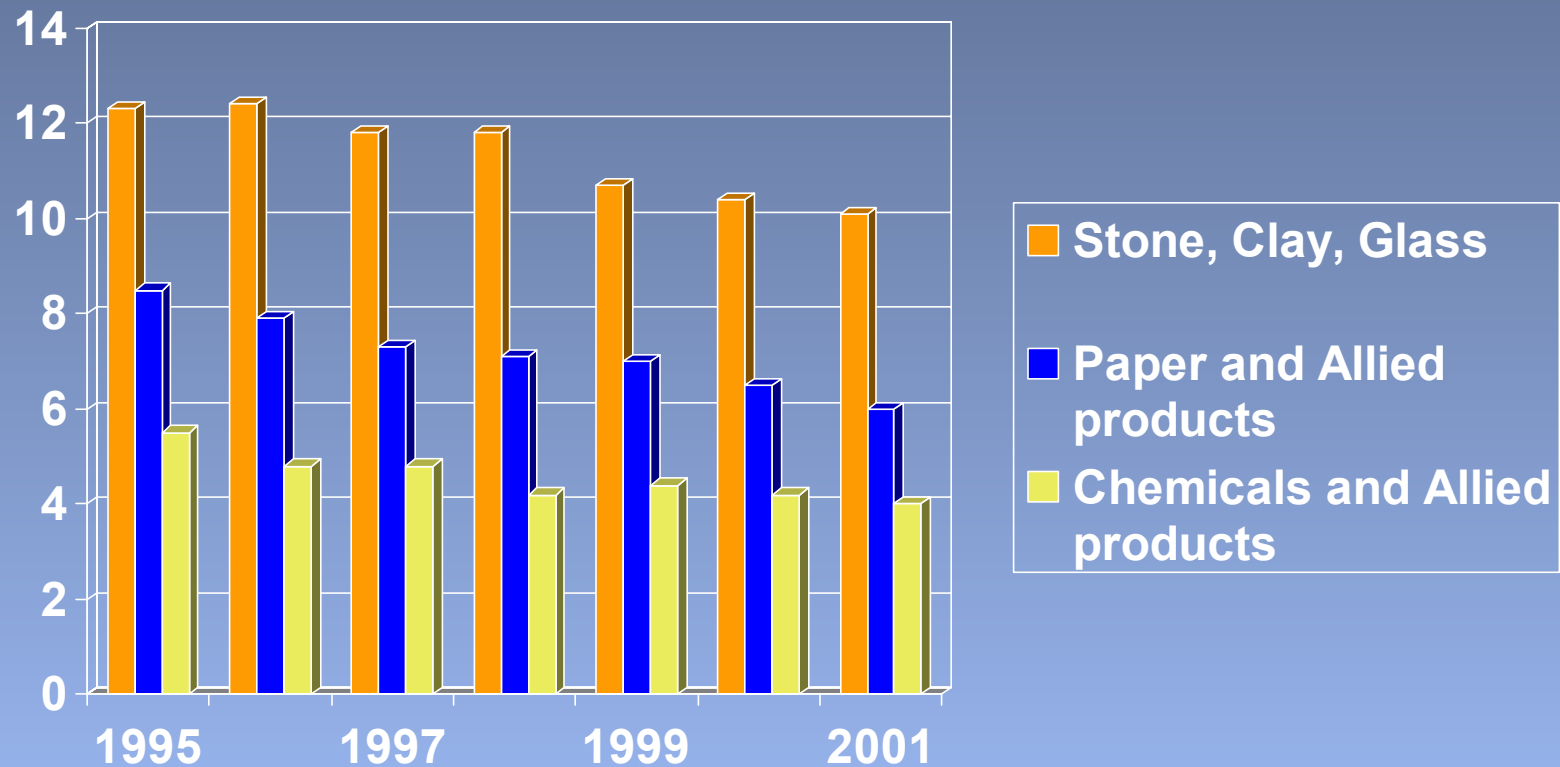


# Paper Industry Safety Results

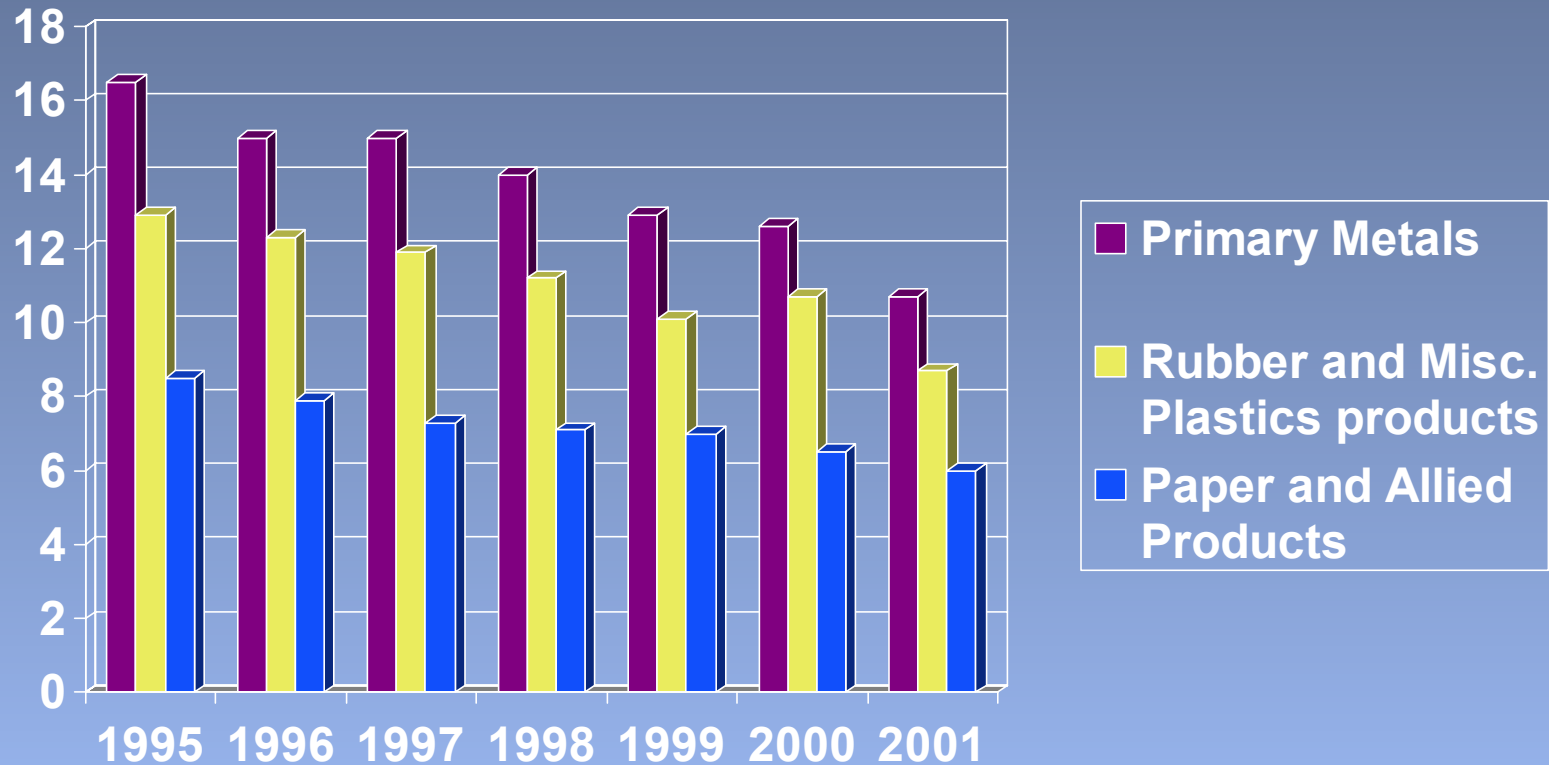


# Paper Industry

## Other industries



# Paper Industry Other Industries



# Why Organizations are Successful Safety Leadership

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- **Alignment of the Organizational Vision**
- **Alignment of the Safety Vision**
- **Activities that focus on the vision and eliminate exposure to risk**
- **Quality of the activities**



# Ideal Safety Culture — A Cord of 3 Strands



**The Role of  
Senior Leadership**



**The Role of Managers  
and Supervisors**



**Comprehensive  
Employee Engagement**

# What Does Safety Leadership Look Like?

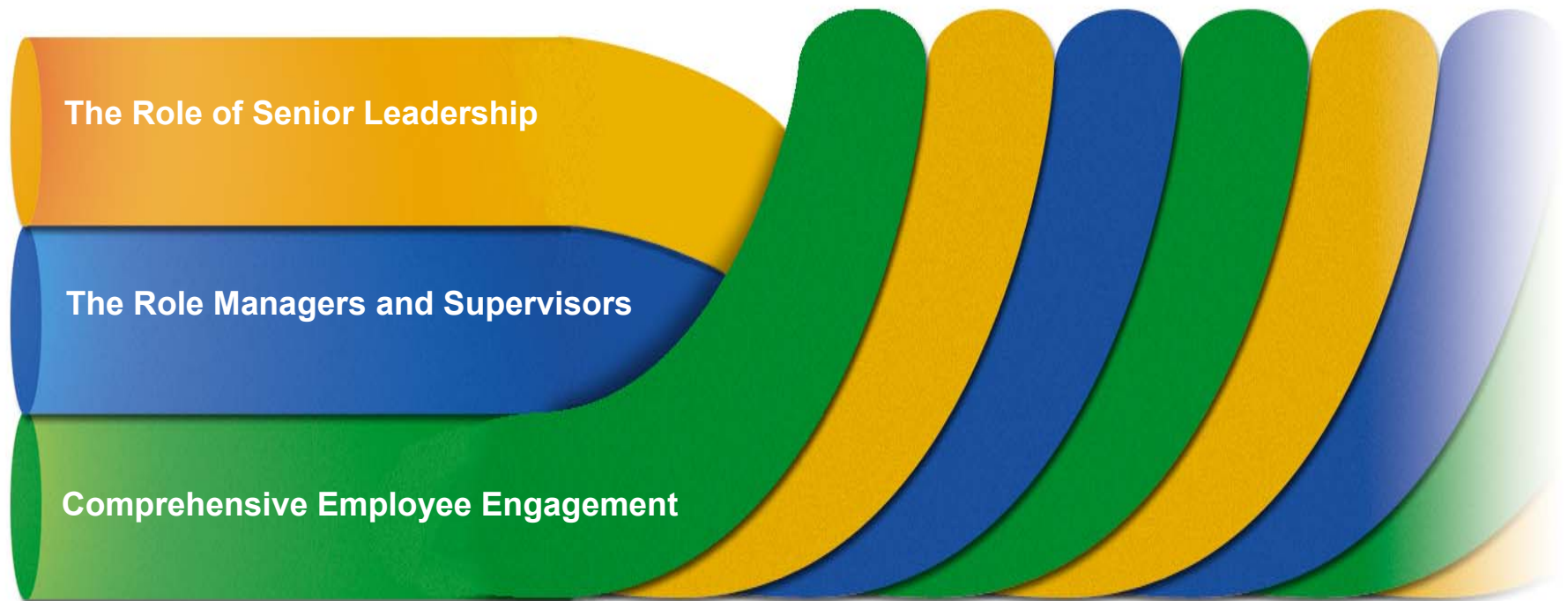
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## Categories of Safety Leadership - All Levels

- Credibility
- Collaboration
- Vision
- Feedback & Recognition
- Accountability
- Communication
- Value for Safety
- Action Oriented



# A Cord of 3 Strands is Not Easily Broken





Date 5/15/97 Location Area 3  
 Observer 110 Shift 3

**1.0 Personal Protective Equipment**

	Safe	At-Risk
1.1 Hand	<u>1</u>	<u>      </u>
1.2 Eye & Face	<u>1</u>	<u>      </u>
1.3 Body	<u>1</u>	<u>      </u>

**2.0 Body Use**

2.1 Stability	<u>      </u>	<u>      </u>
2.2 Vision	<u>      </u>	<u>      </u>
2.3 Line of Fire	<u>      </u>	<u>2</u>

**3.0 Tools**

3.1 Right for job	<u>1</u>	<u>      </u>
3.2 Condition	<u>1</u>	<u>      </u>

**4.0 Other**

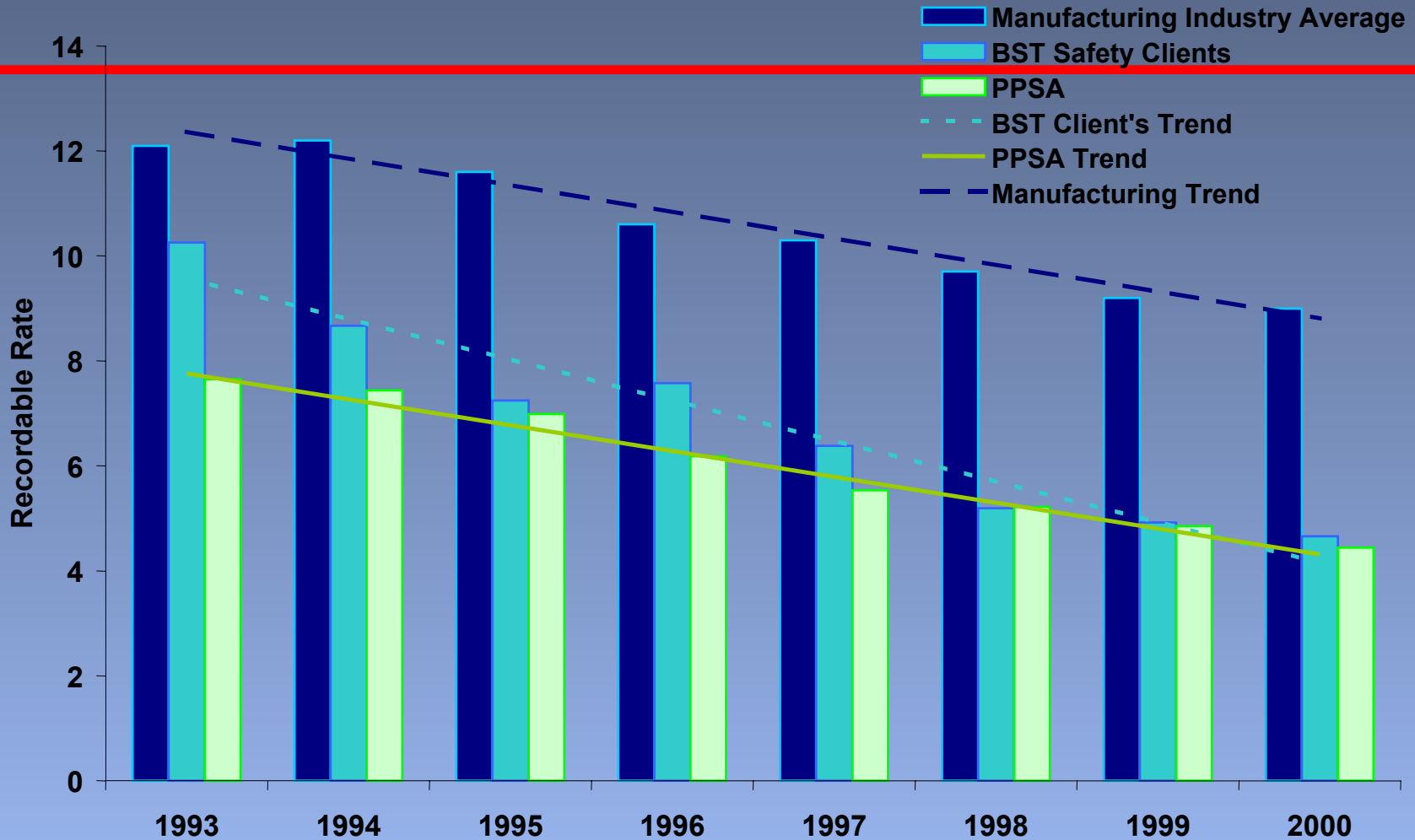
4.1 Communication	<u>      </u>	<u>      </u>
4.2 Pre-job Inspection	<u>      </u>	<u>1</u>
4.3 New CBI® Items	<u>1</u>	<u>      </u>

Totals:        +         
 %Safe=Safe x 100 / Total        x100/       

CAT.ITM 2.1  
2.1  
3.1

Comment  
Loose boards on scaffold  
Leaned over railing  
Used cheater; proper wrenches not available

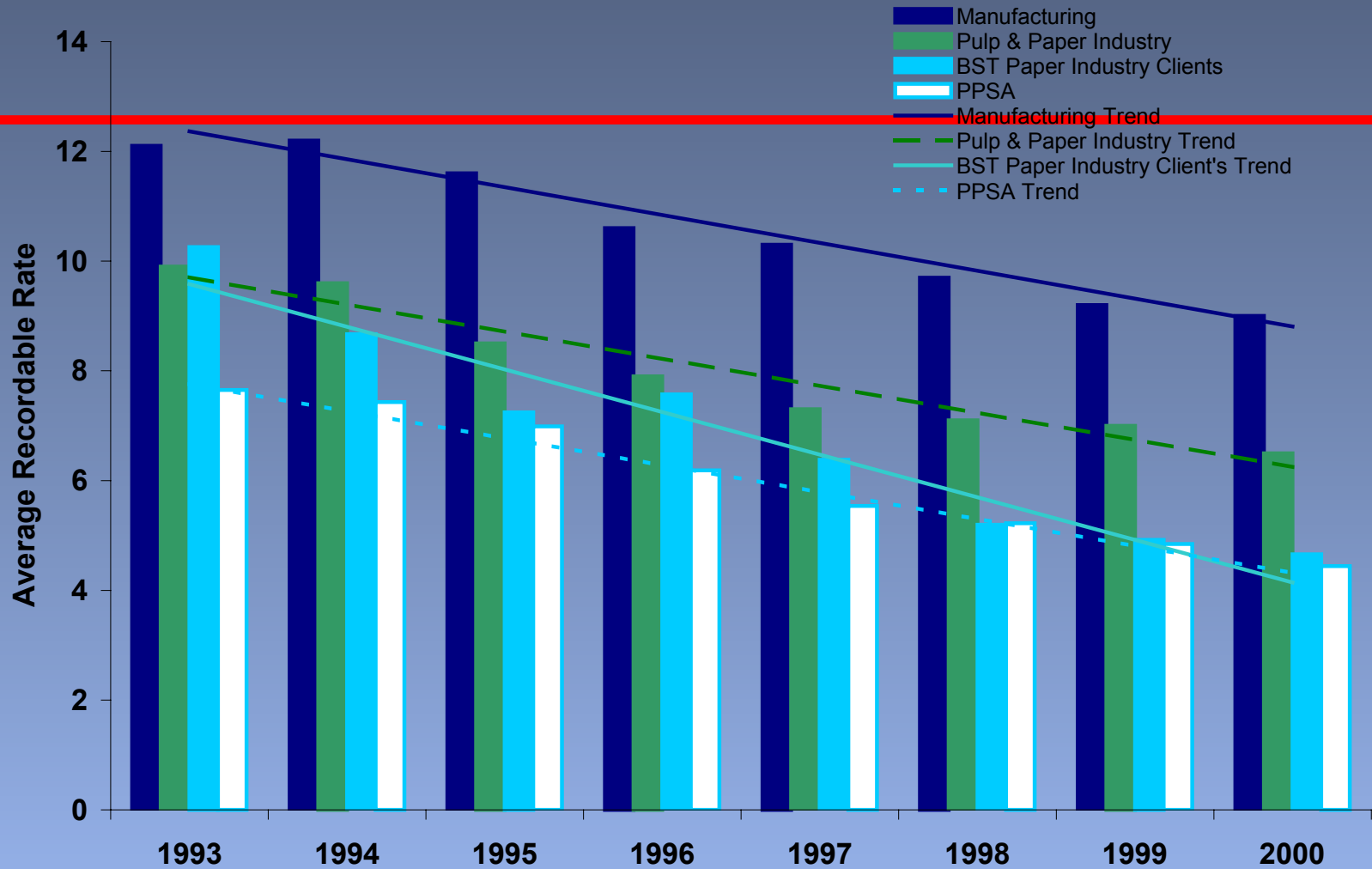
# Paper Industry Safety Performance



Forty-three BST clients in the paper industry provided data between 1993 and 2000. Manufacturing industry data were provided by the Bureau of Labor Statistics at [www.bls.gov](http://www.bls.gov). PPSA data were provided from [www.ppsa.org](http://www.ppsa.org).



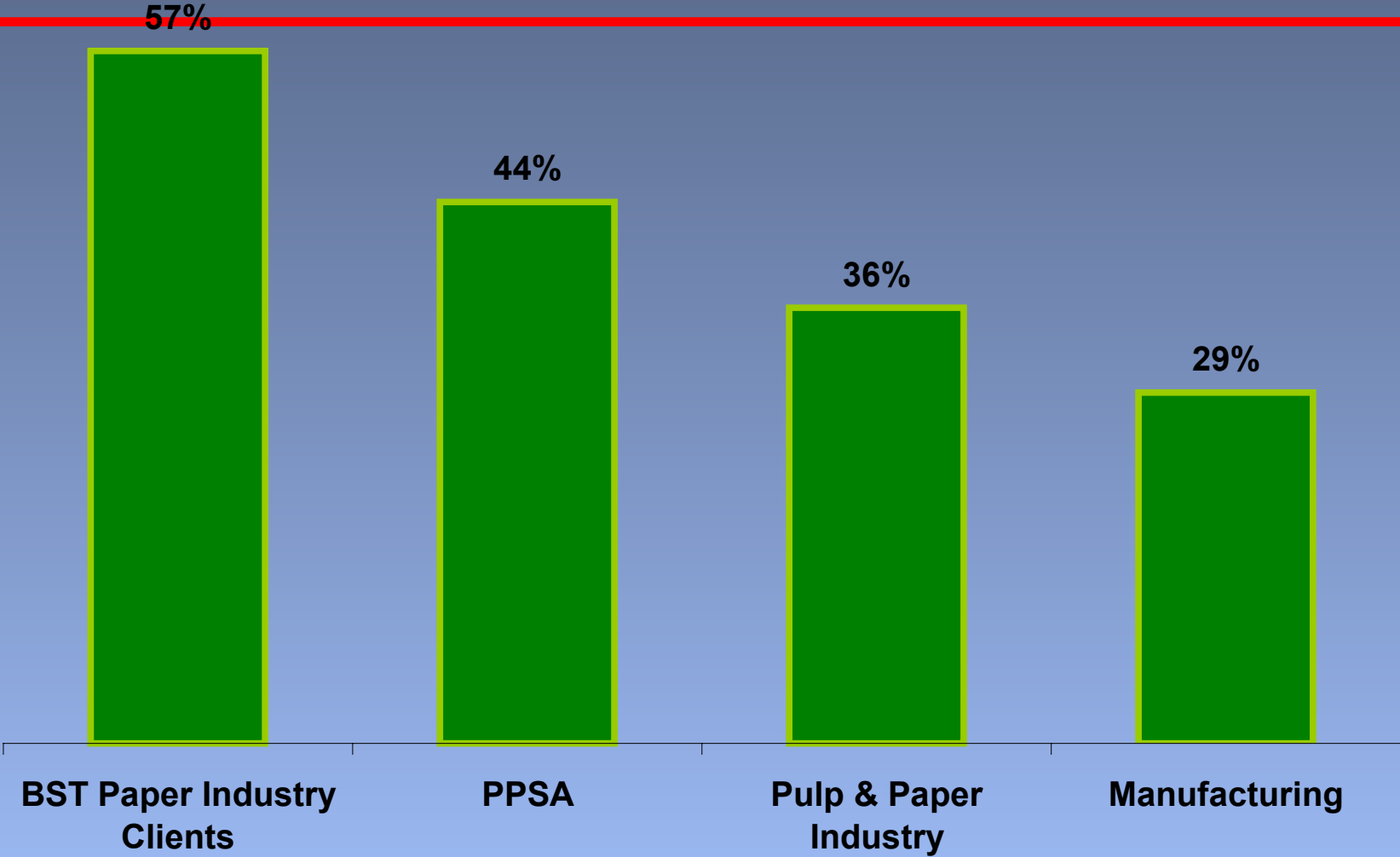
# Industry Safety Performance



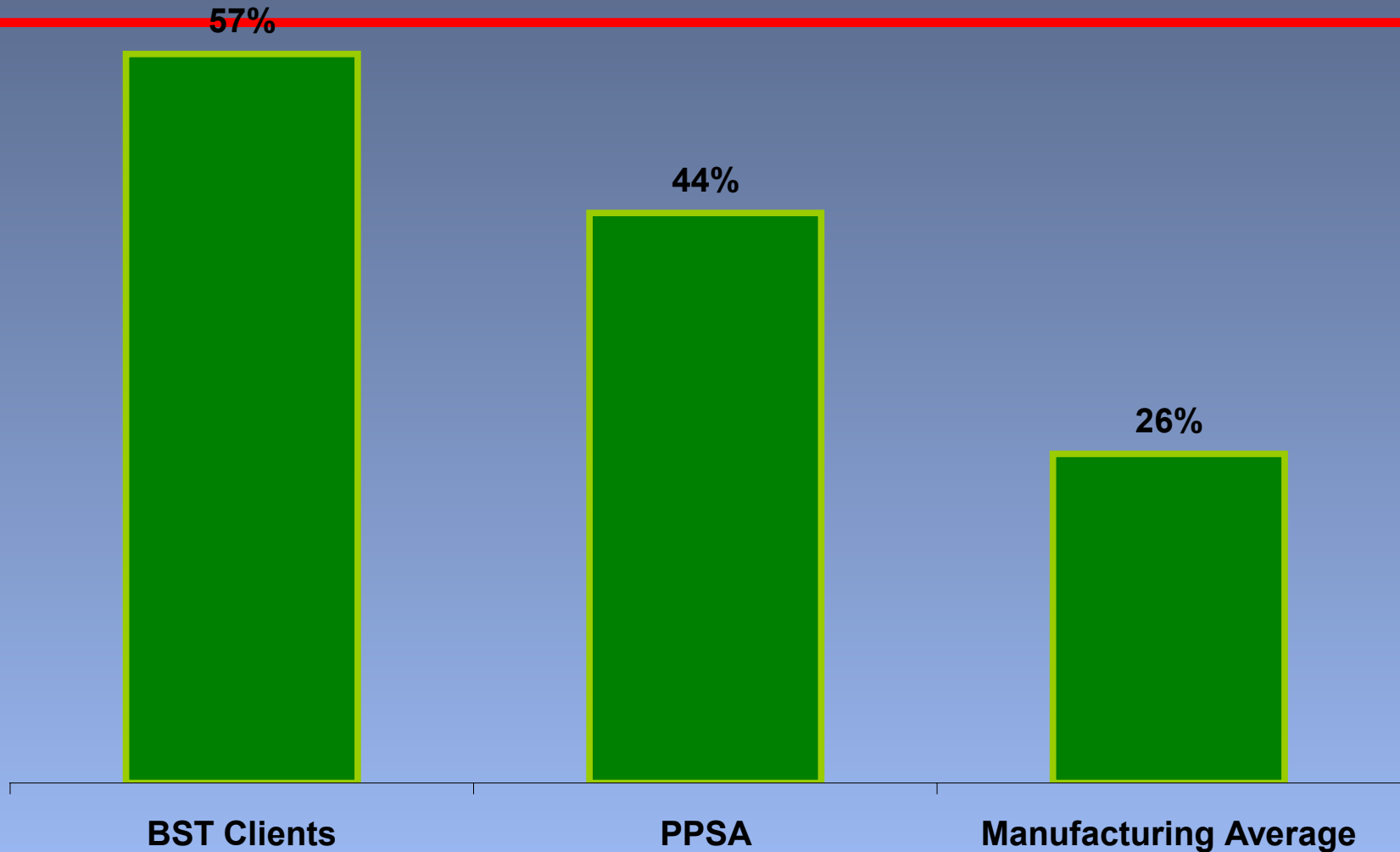
Forty-three BST clients in the paper industry provided data between 1993 and 2000. Average Manufacturing and Pulp & Paper industry data were provided by the Bureau of Labor Statistics at [www.bls.gov](http://www.bls.gov). PPSA data were provided from



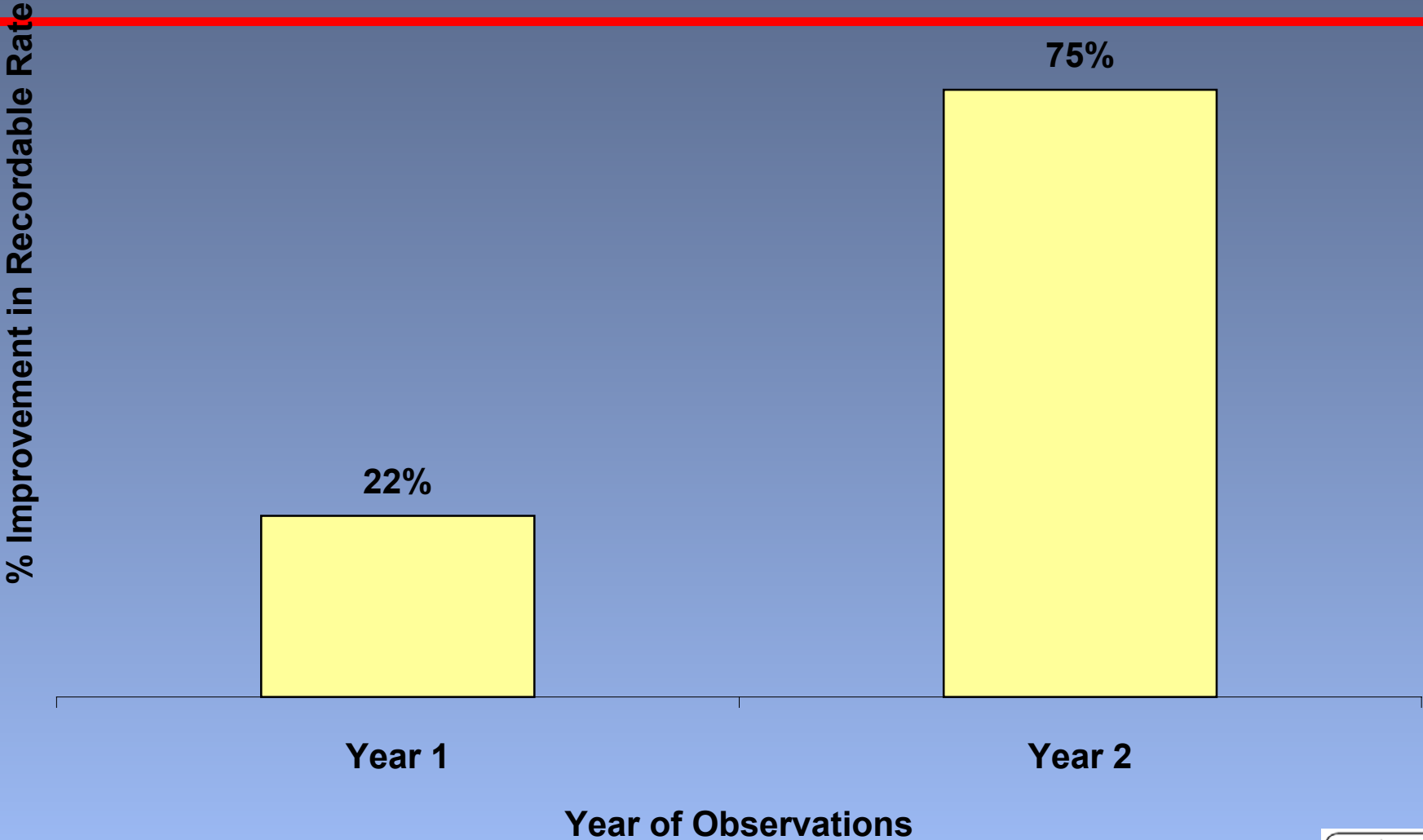
# Average Percent Improvement OSHA Recordable Rate from 1993 to 2000



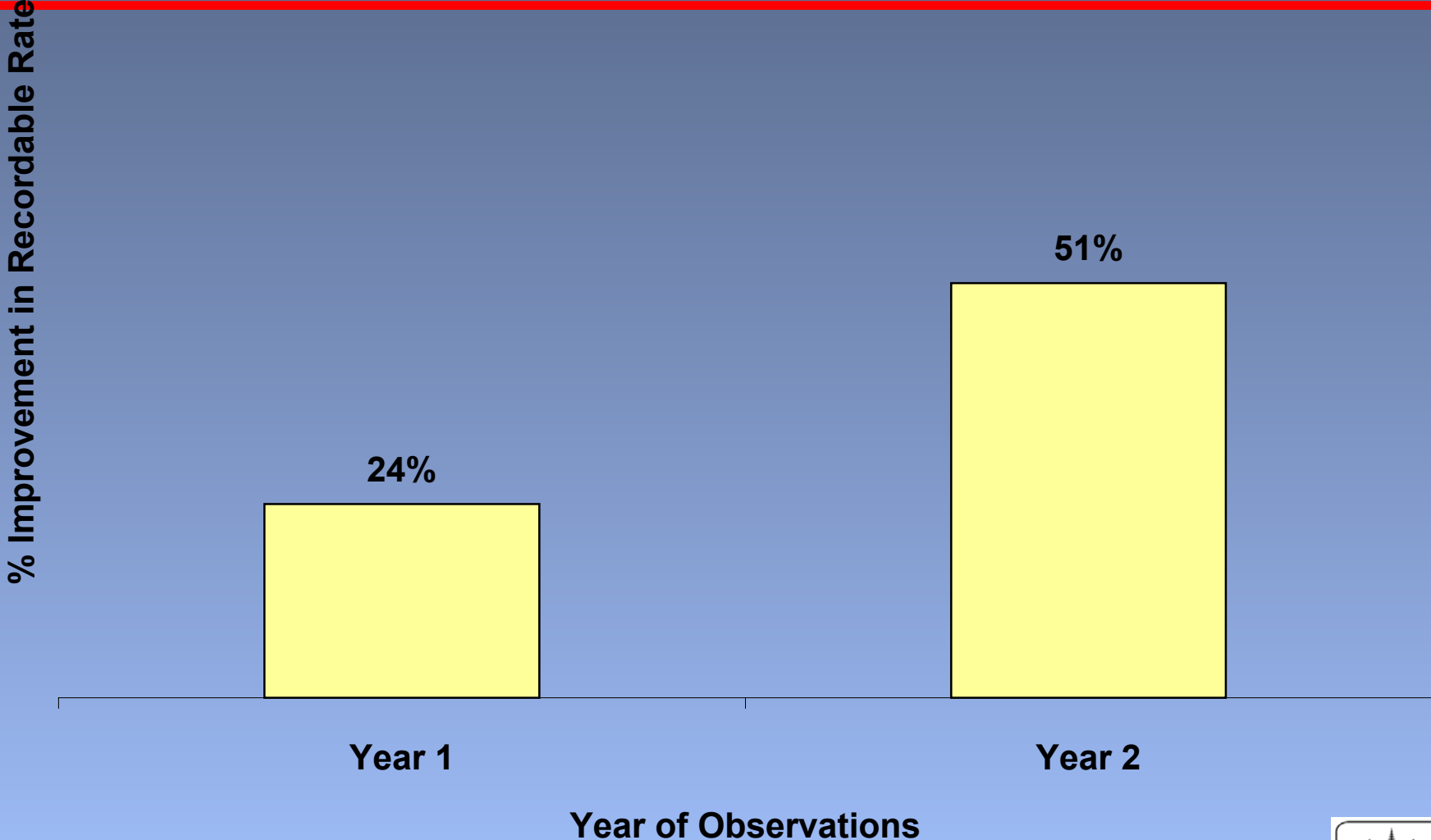
## Percent Improvement OSHA Recordable Rate from 1993 to 2000



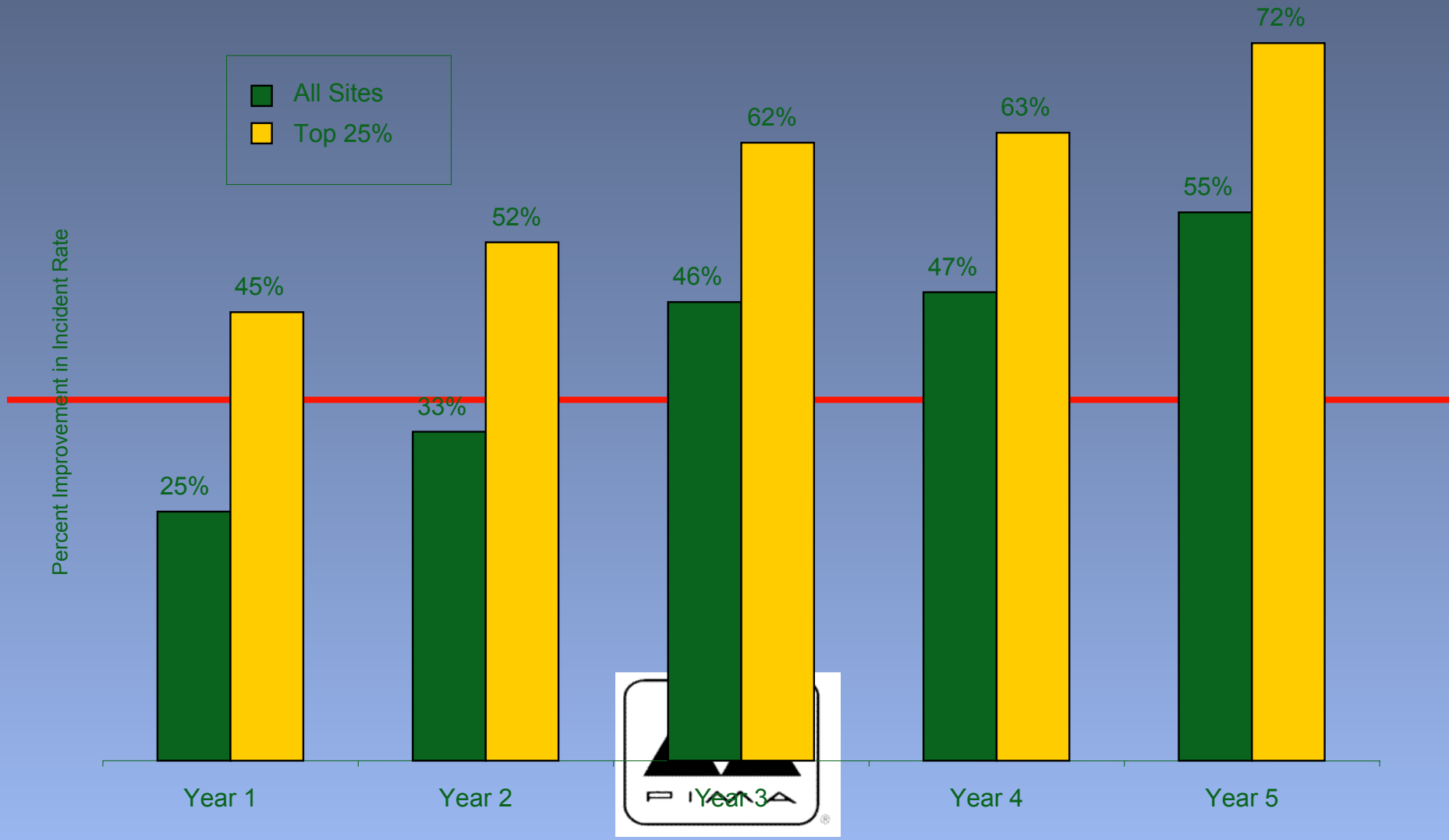
# 360 Non-Union Employees Paper Mill in Mississippi



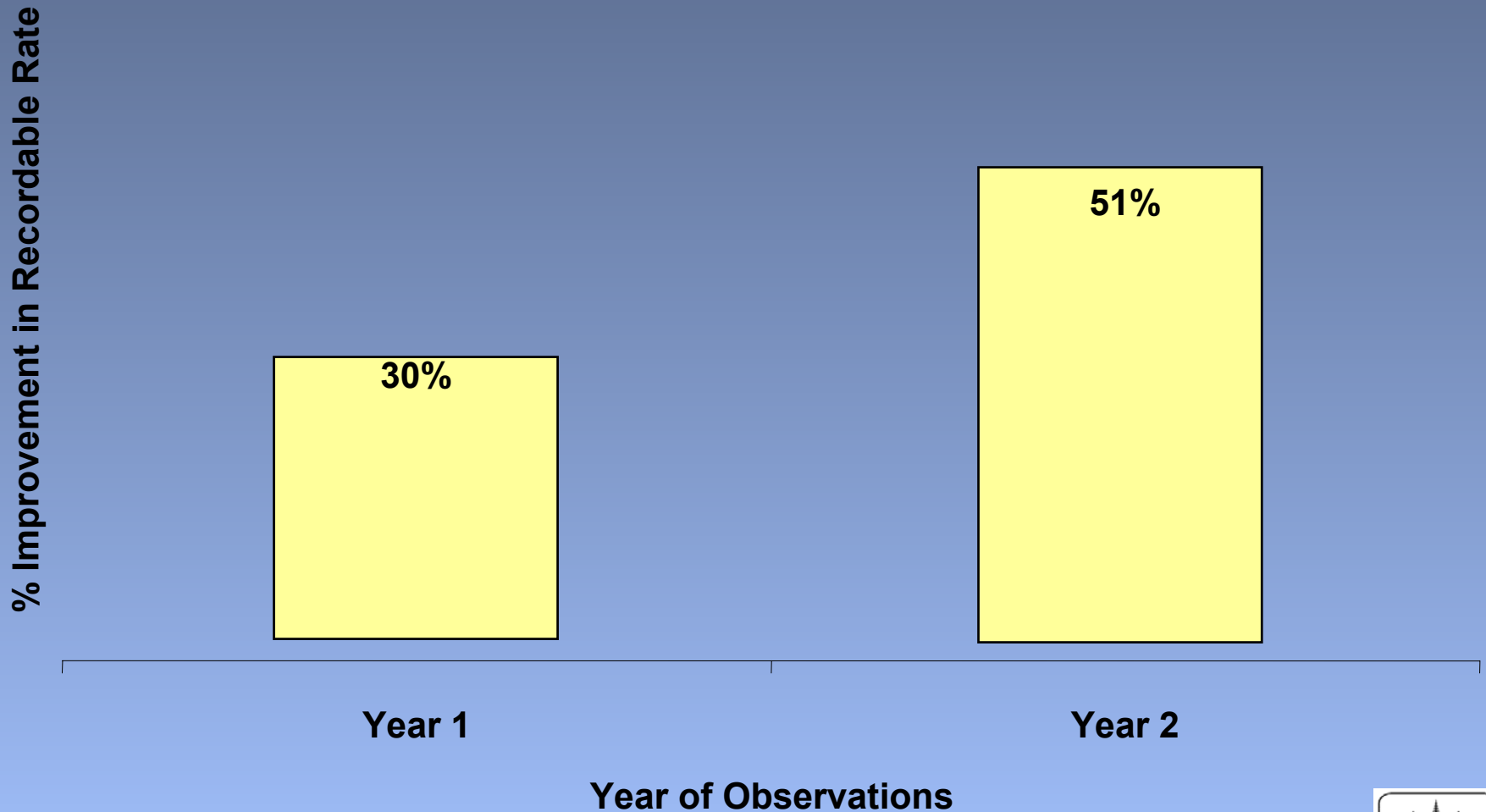
# 255 Union Employees Paper Mill in Washington



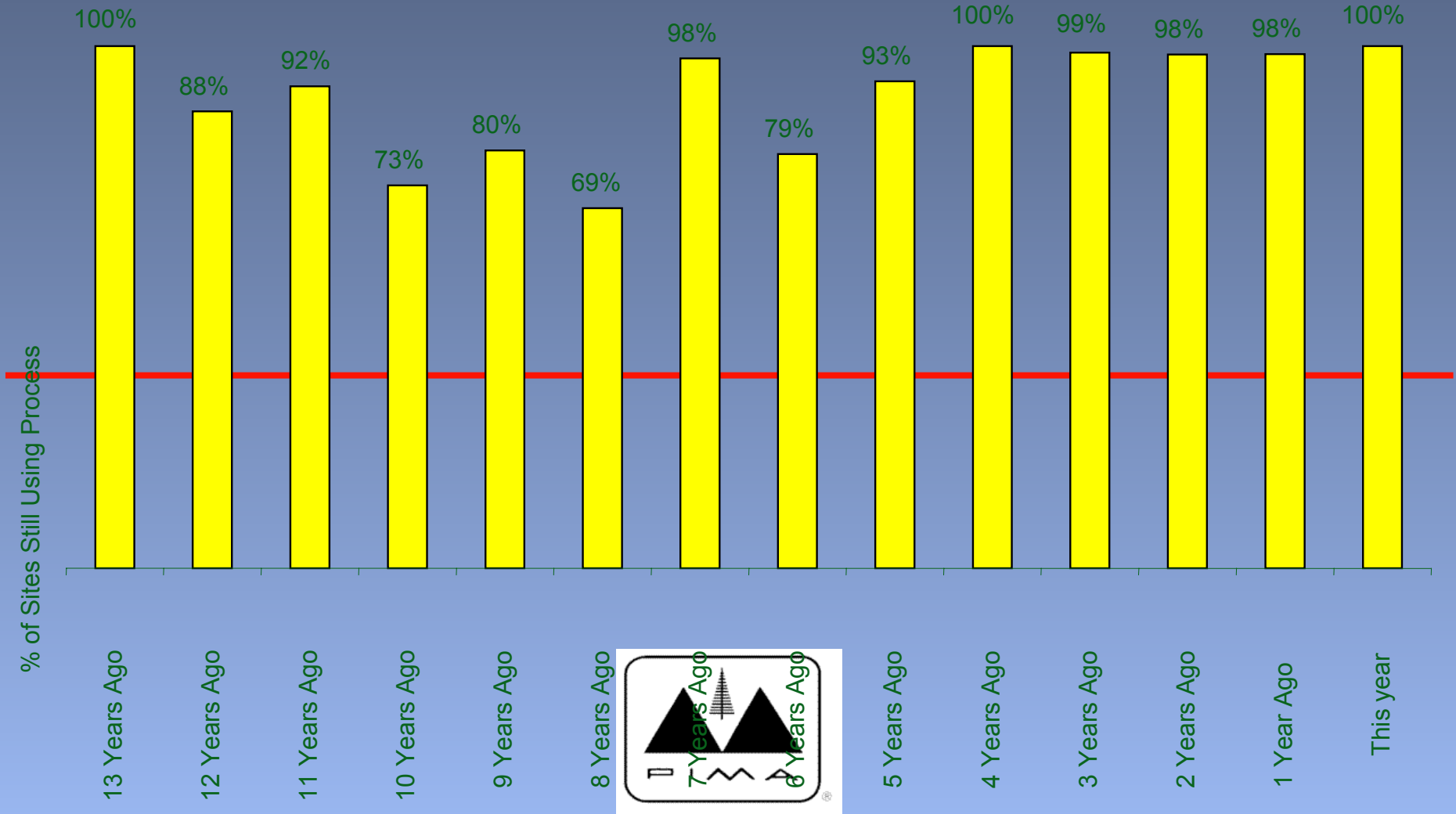
# Overall Effectiveness of BAPP® Technology



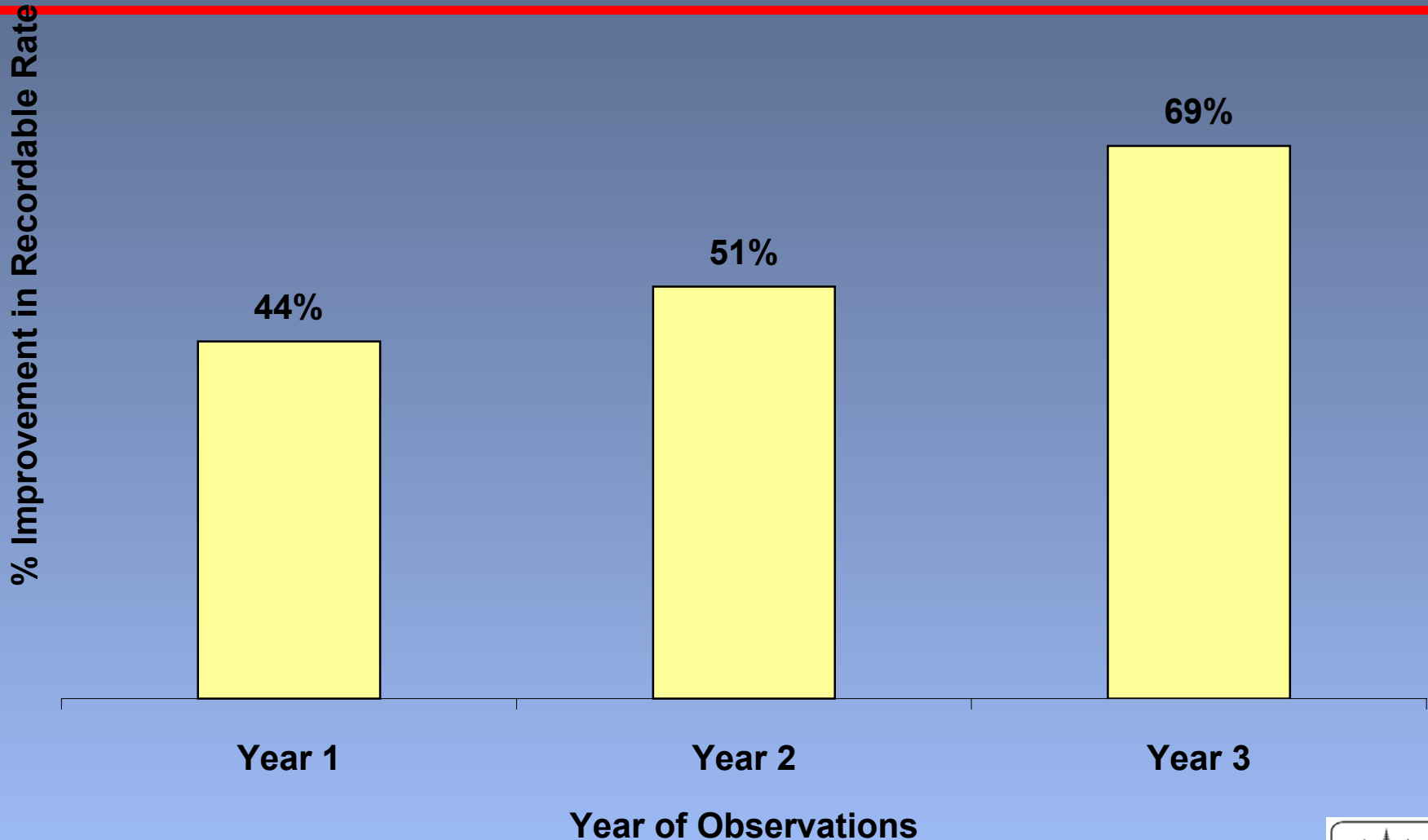
# 125 Non-Union Employees Corrugated Container Company in Idaho



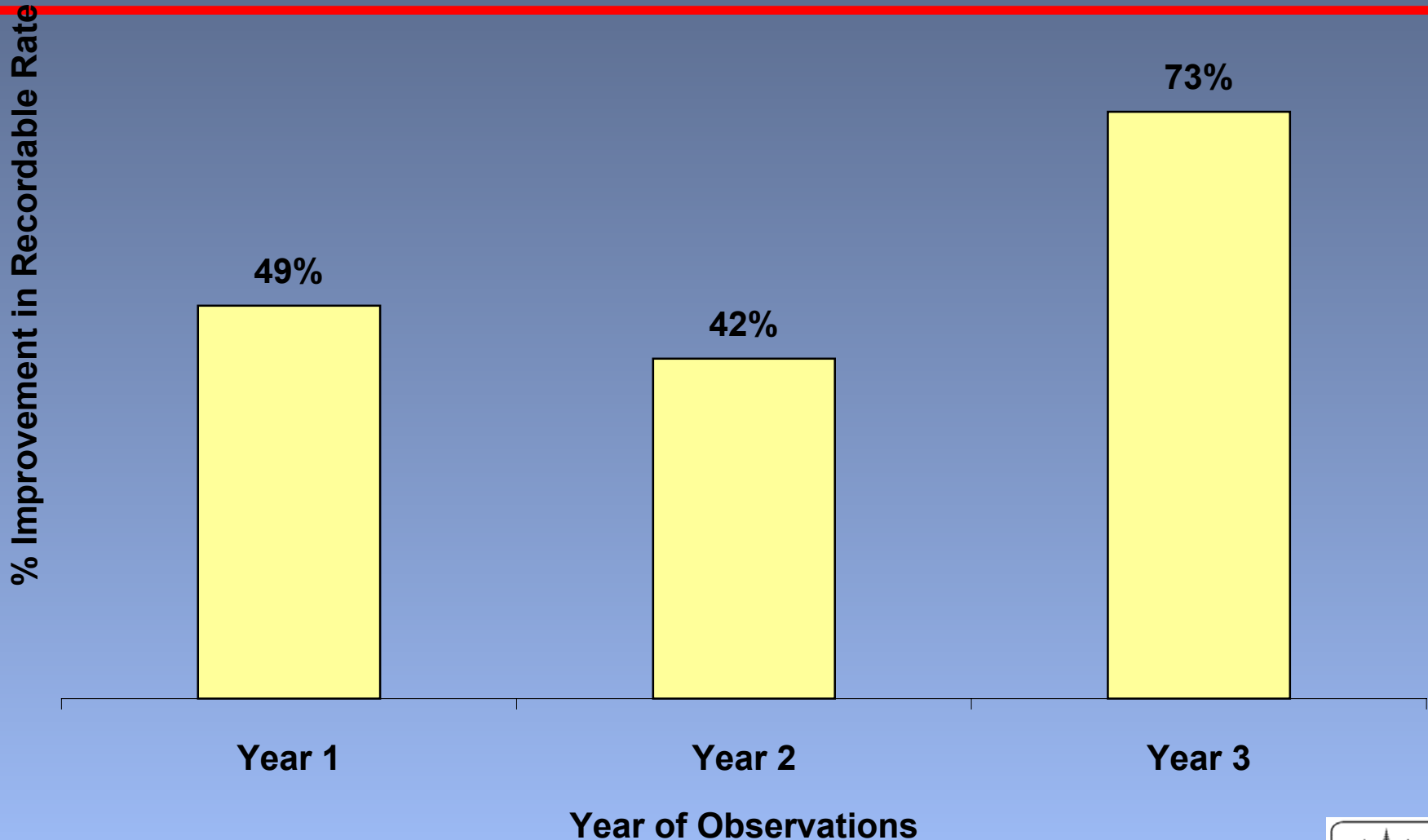
# BAPP® System Longevity



# 326 Union Employees Pulp & Paper Mill in Washington

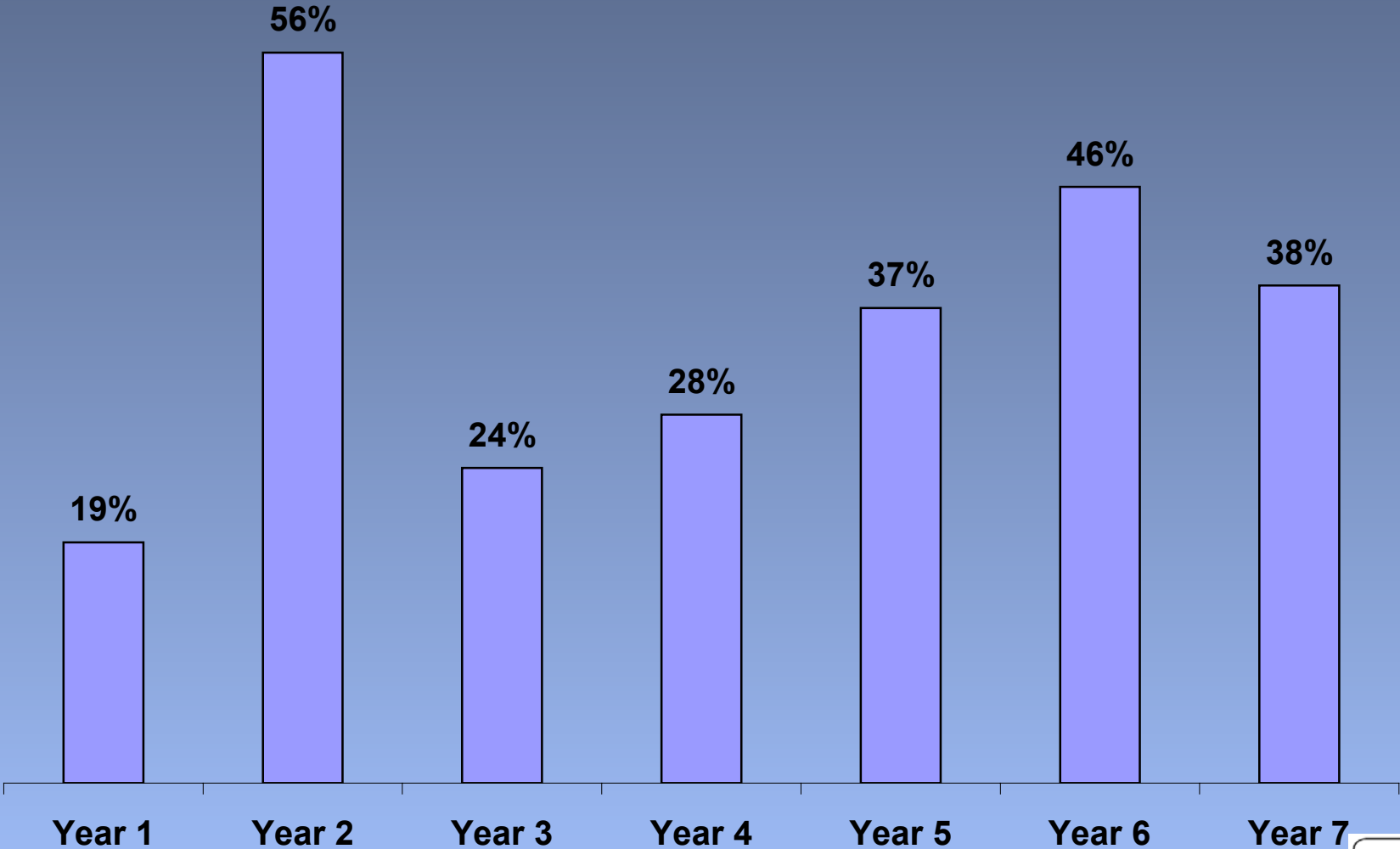


# 126 Non-Union Employees Bathroom & Facial Tissue Manufacturer in Nevada



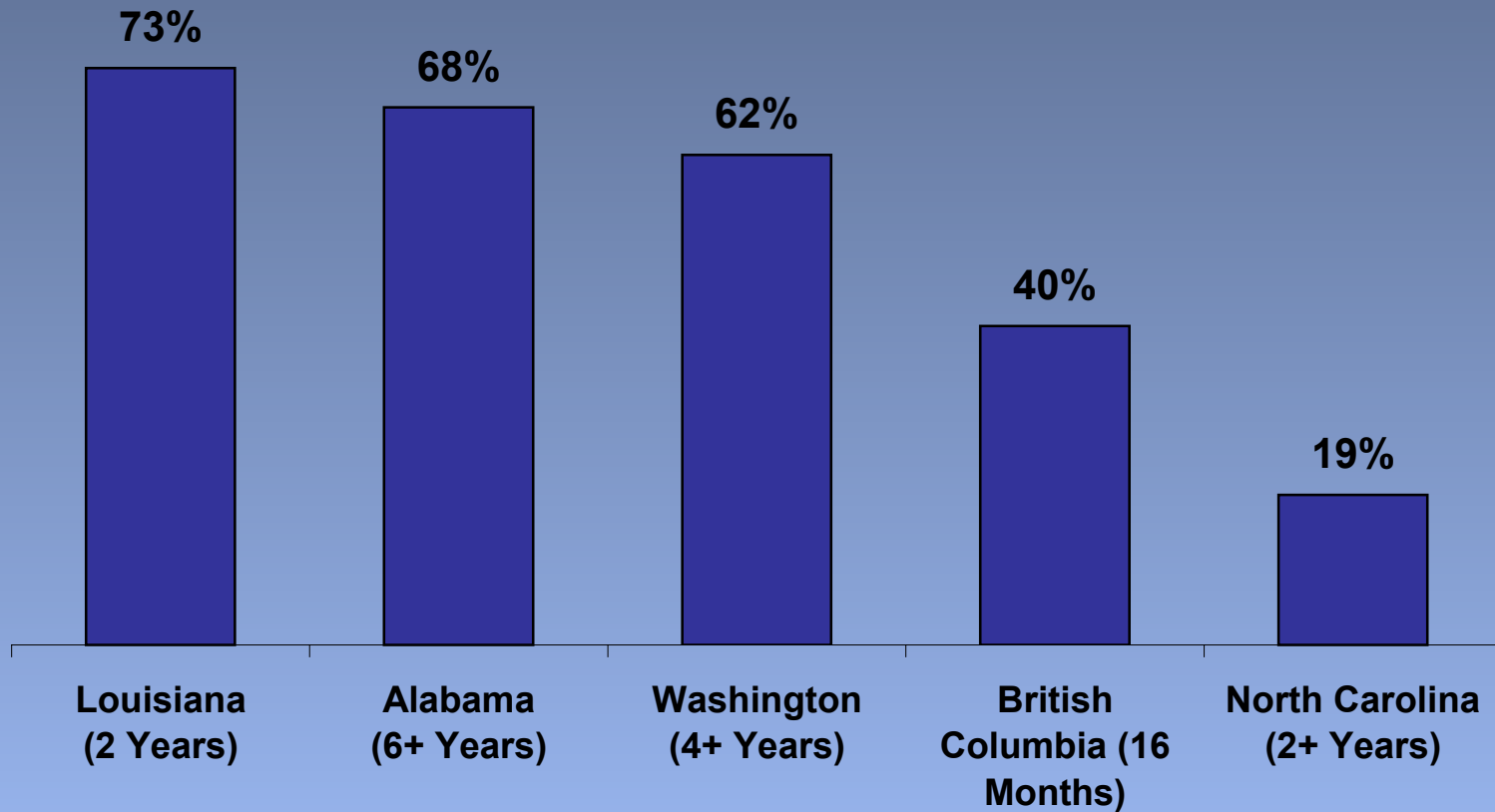
# One Site – Rumford, ME

## Percent Improvement in Recordable Rate by Process Year



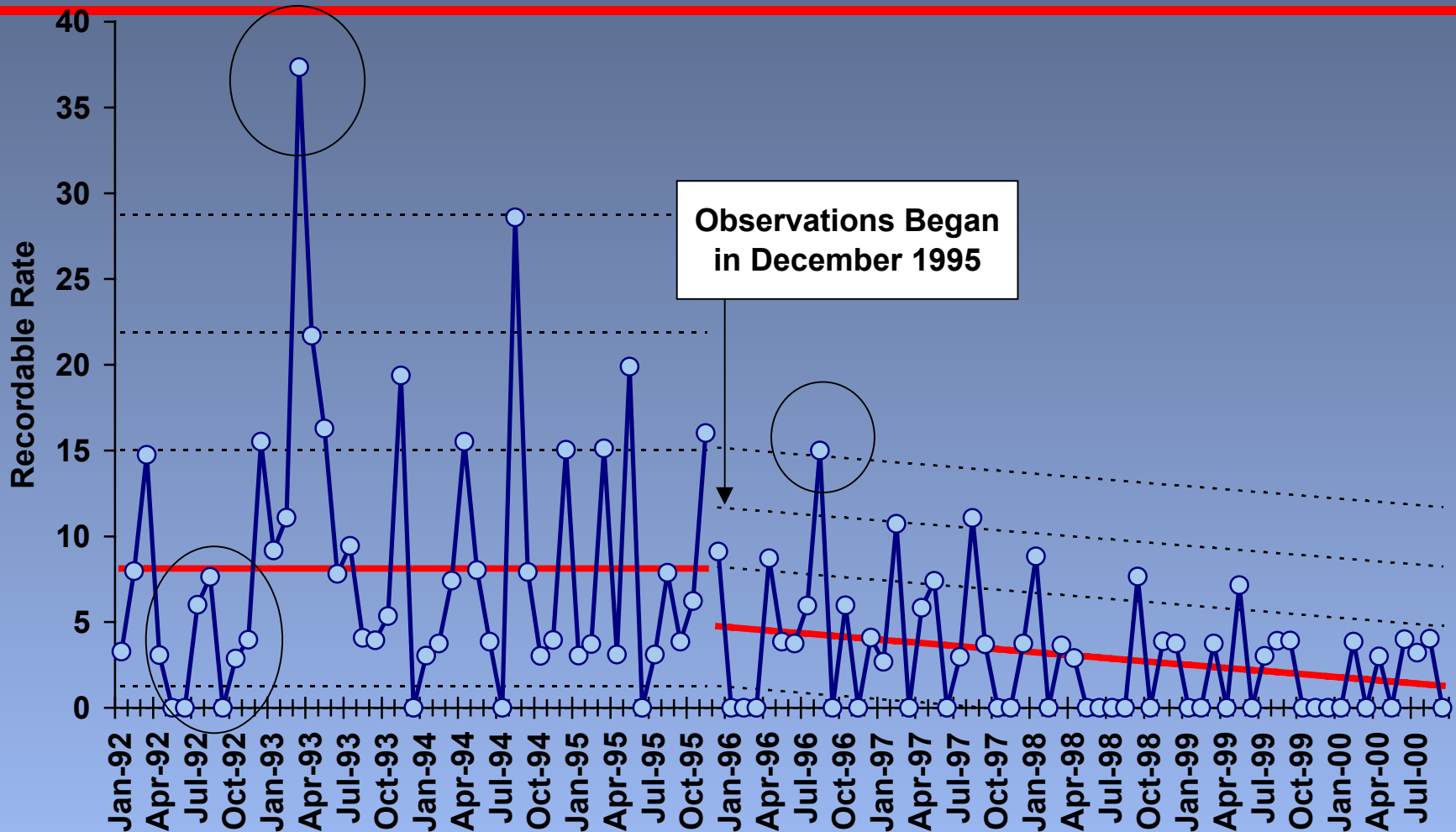
## Corporation Results

### Percent Improvement in Recordable Rate Since Observations Began

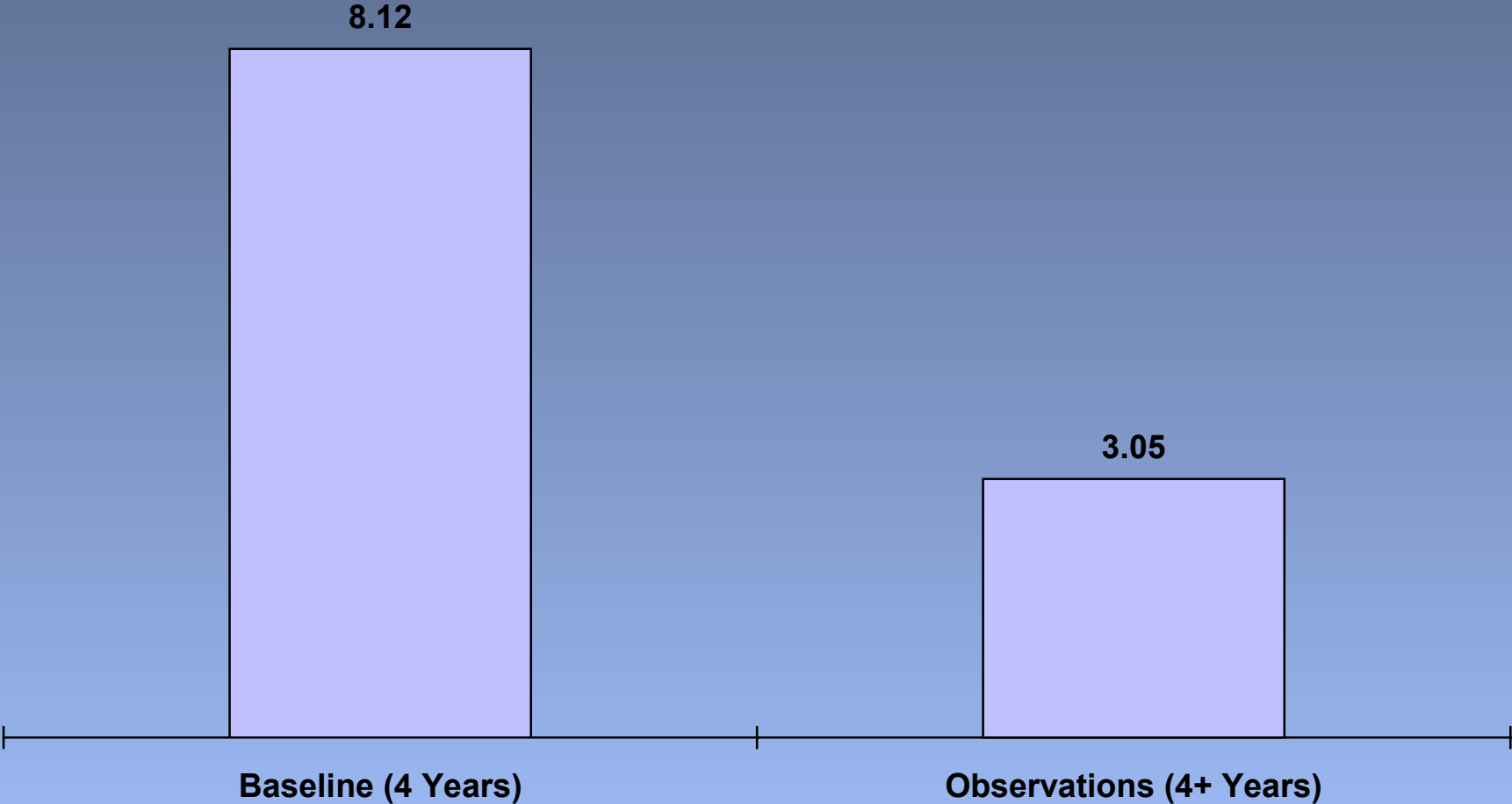


# Pulp and Paper Company in Washington with 325 AWPPW Union Employees

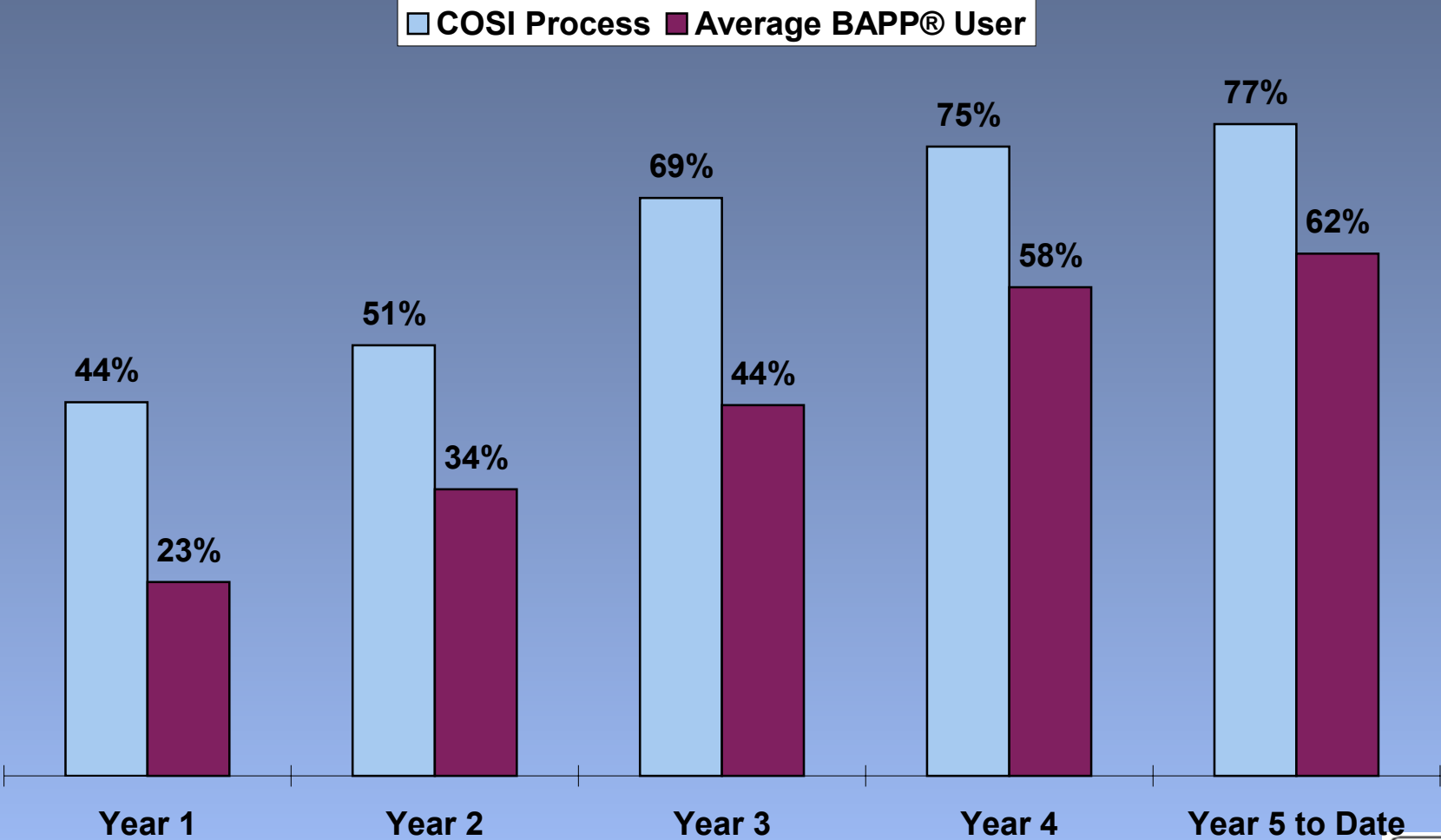
## Control Chart of Recordable Rate



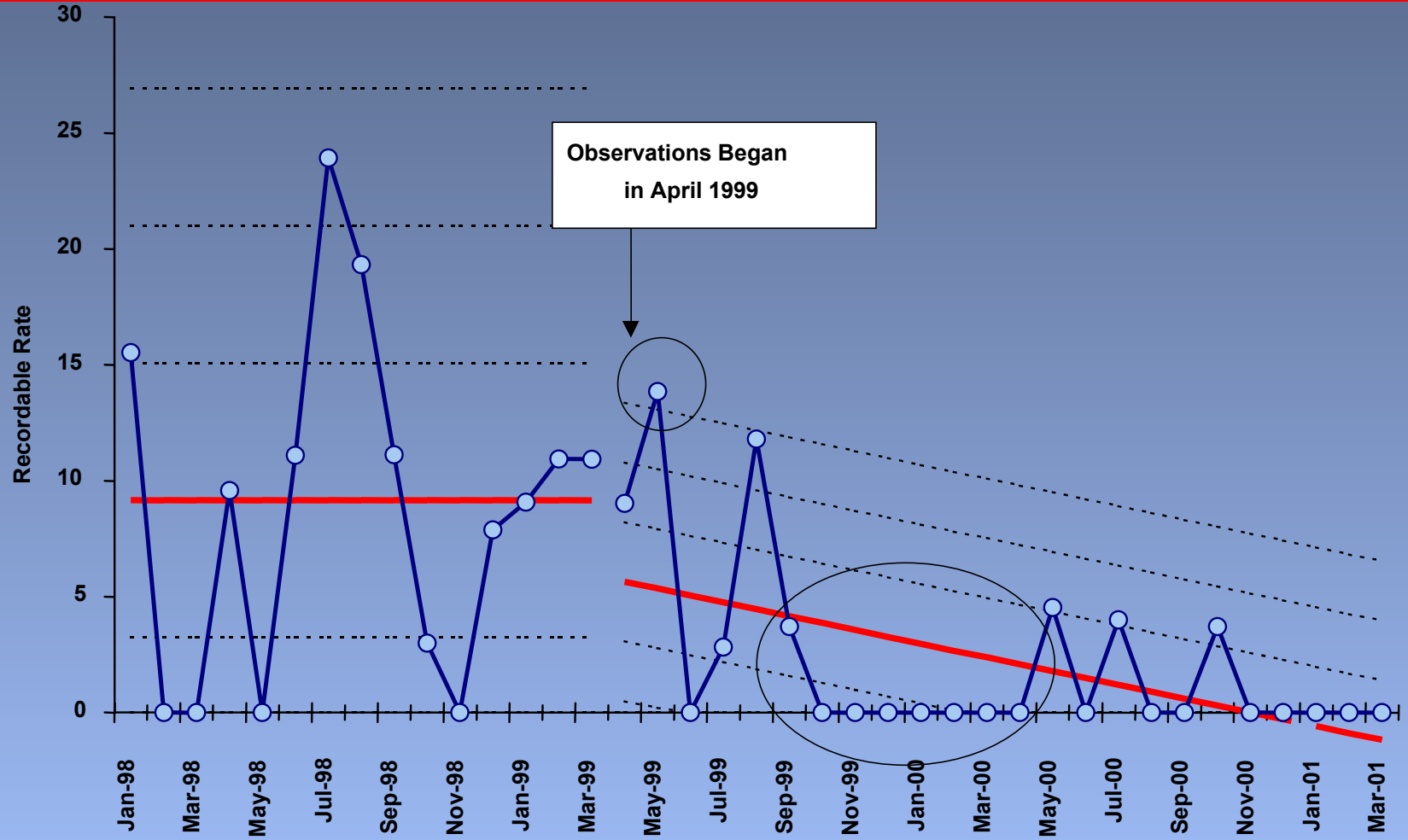
# Pulp and Paper Company in Washington with 325 AWPPW Union Employees Shows 62% Improvement in Recordable Rate Since Observations Began



# Pulp and Paper Company in Washington with 325 AWPPW Union Employees Shows Above Average Improvement in Recordable Rate by Process Year



# Composite Wood Products Manufacturer in Natchitoches, Louisiana with 300 Union Employees Control Chart of Recordable Rate



# Composite Wood Products Manufacturer in Natchitoches, Louisiana with 300 Union Employees Shows 73% Improvement in Recordable Rate Since Observations Began

