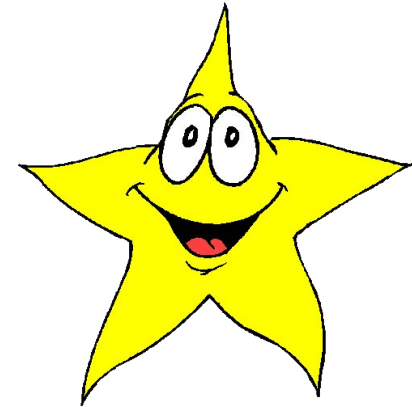


Using Statistics to Focus Your Safety Efforts

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Alphaport, Inc.

Overview

Data



1. Gathering

- what data should I gather?

2. Analyzing

- how should I look at the data?

3. Prioritizing

- which should I focus on first?

4. Presenting

- how should I present the data?

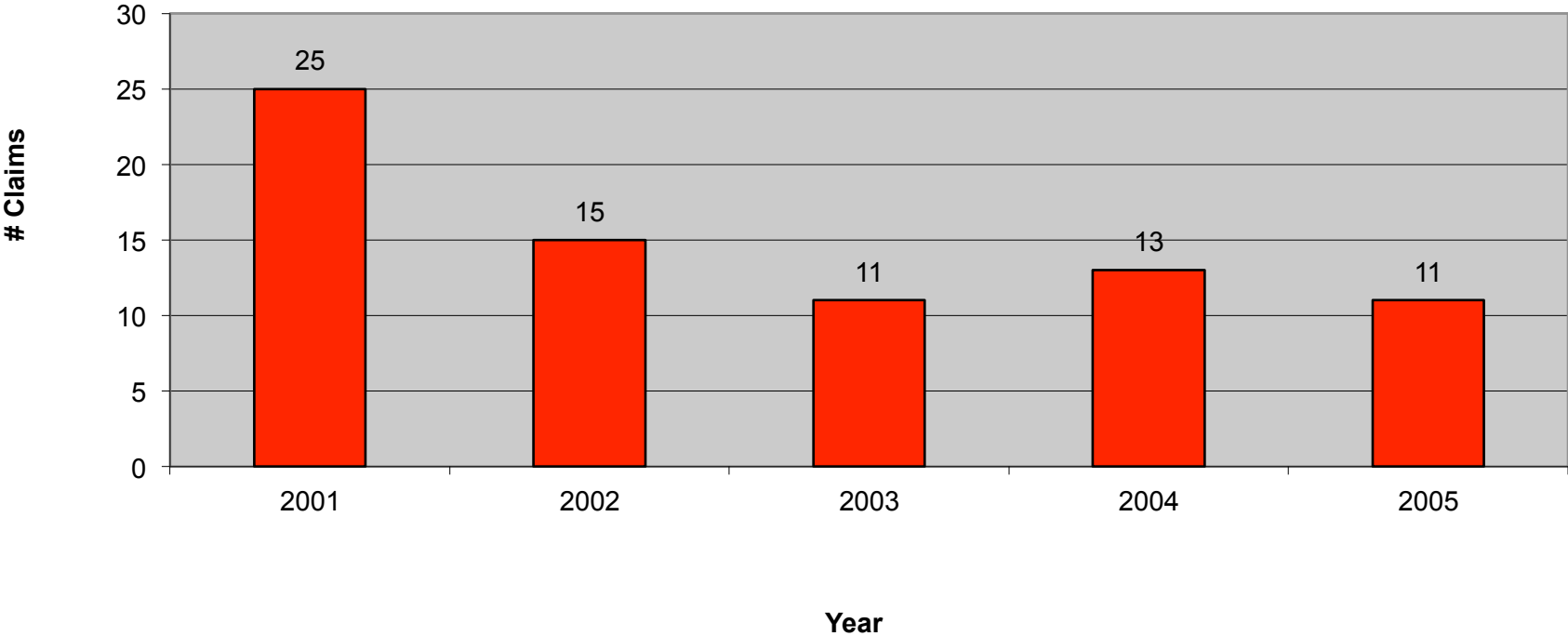
TRENDS



Gathering

- What data should we pick?
 - Accidents – lost time, OSHA recordable, first aid
 - Workers compensation cases/costs
 - Discipline records
- Over what time period?
 - 3-5 years

**Company A
Workers Compensation Claims
2001-2005**



Claim #	Type	Name	Date
	Medical Only		11/27/2007
	Medical Only		11/5/2007
	Medical Only		11/3/2007
	Medical Only		10/27/2007
	Medical Only		9/18/2007
	Medical Only		8/6/2007
	Medical Only		8/6/2007
	Medical Only		8/6/2007
	Lost Time		7/6/2007
	Medical Only		6/14/2007
	Medical Only		5/24/2007
	Medical Only		5/14/2007
	Lost Time		5/7/2007
	Medical Only		3/29/2007
	Medical Only		3/8/2007
	Lost Time		2/15/2007
	Lost Time		1/18/2007
	Medical Only		12/20/2006
	Medical Only		12/20/2006
	Medical Only		12/13/2006
	Medical Only		12/4/2006
	Lost Time		12/4/2006
	Medical Only		10/13/2006
	Medical Only		8/16/2006
	Lost Time		8/12/2006
	Lost Time		7/13/2006
	Lost Time		3/28/2006
	Medical Only		3/20/2006
	Medical Only		2/24/2006

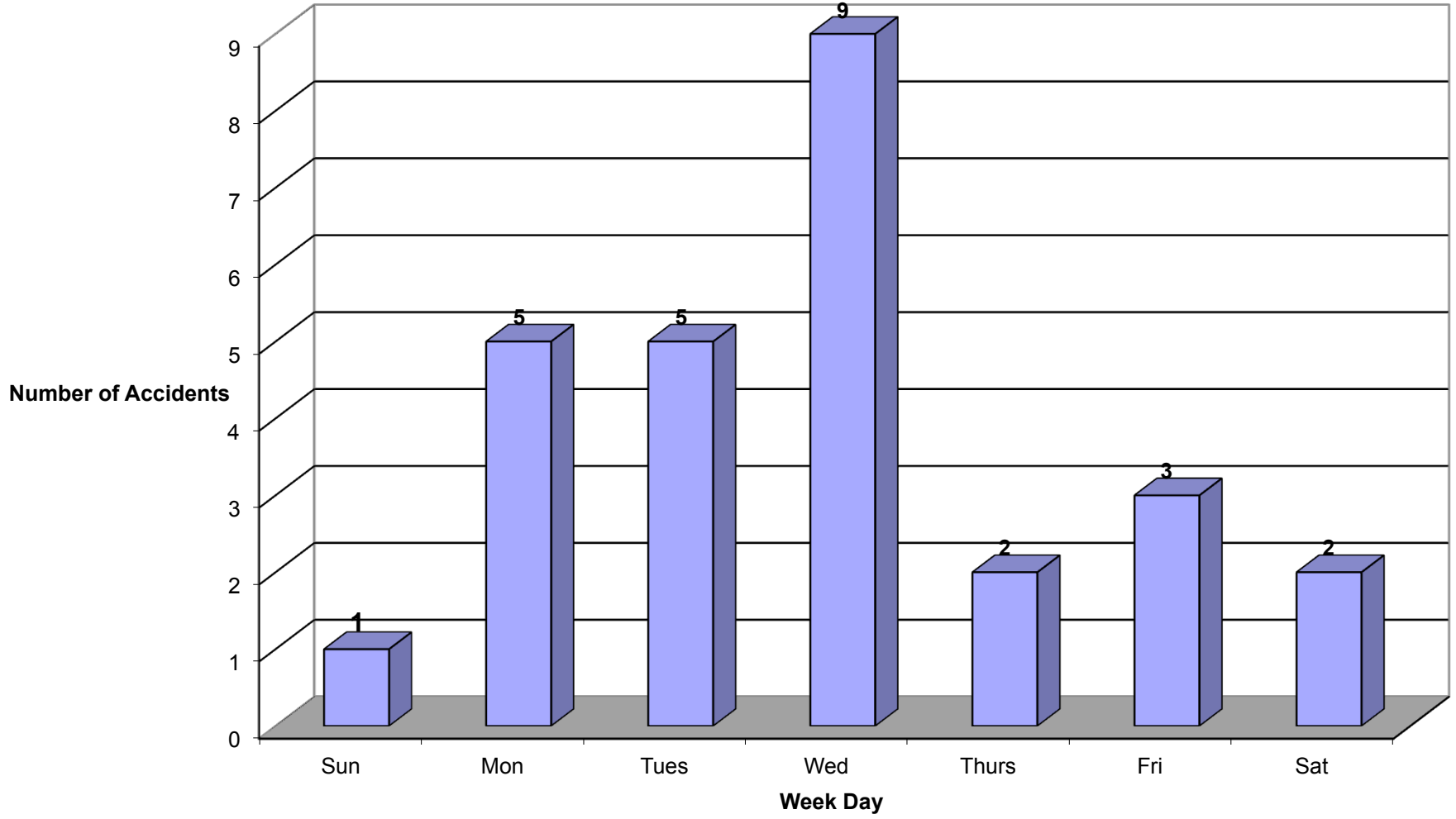
Supervisor	Date	Who	Offense	Discipline
	12/19/2007		Safety	Counseling
	7/18/2008		Safety	Counseling
	11/30/2007		LOTO	3 day Susp.
	12/21/2007		Personnel Interaction	3 day Susp.
	12/21/2007		Personnel Interaction	3 day Susp.
	2/7/2008		LOTO	3 day Susp.
	4/19/2008		quality	Counseling
	4/19/2008		quality	Counseling
	4/10/2008		quality	Counseling
	10/4/2007		quality	Counseling
	9/6/2007		LOTO	3 day Susp.
	10/4/2007		quality	Counseling
	12/18/2007		Safety	Counseling
	8/28/2007		Safety	Written
	9/6/2007		LOTO	3 day Susp.
	11/8/2007		Plant Policy	3 day Susp.
	7/22/2008		Safety	Written
	7/23/2008		quality	Written
	8/4/2008		quality	Susp.
	3/14/2008		quality	Counseling
	3/14/2008		quality	Counseling
	3/18/2008		LOTO	3 day Susp.
	4/19/2008		Safety	verbal
	3/31/2008		Arguing	Susp.
	8/28/2008		LOTO	3 day Susp.

Analyzing

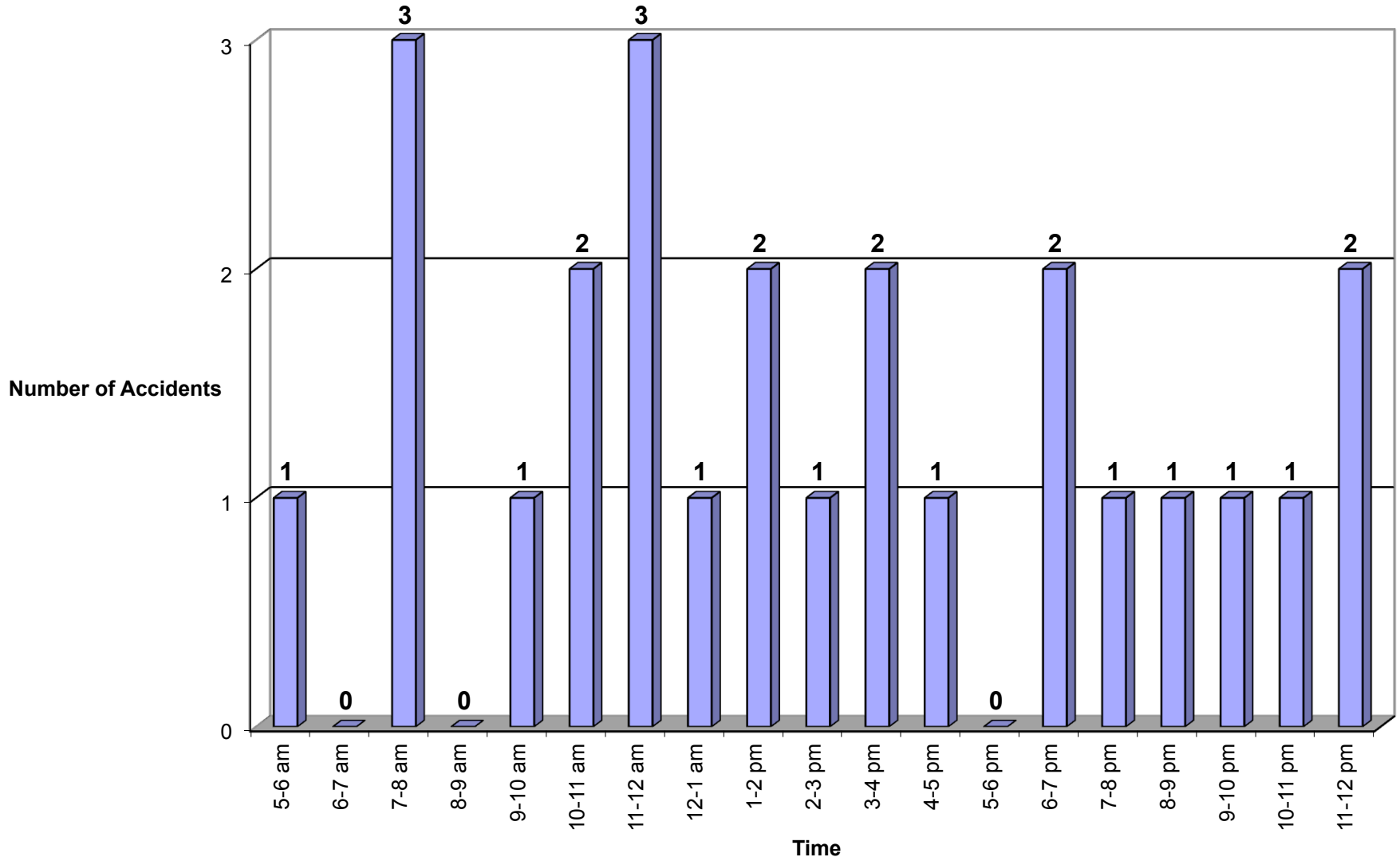
- What are we going to analyze?
 - Day of week/shift/Supervisor/Division
 - Accident Type/Injury Type/Body Part

- Do the math
- See what you see
- Ask this question:
 - What's the cause behind this?

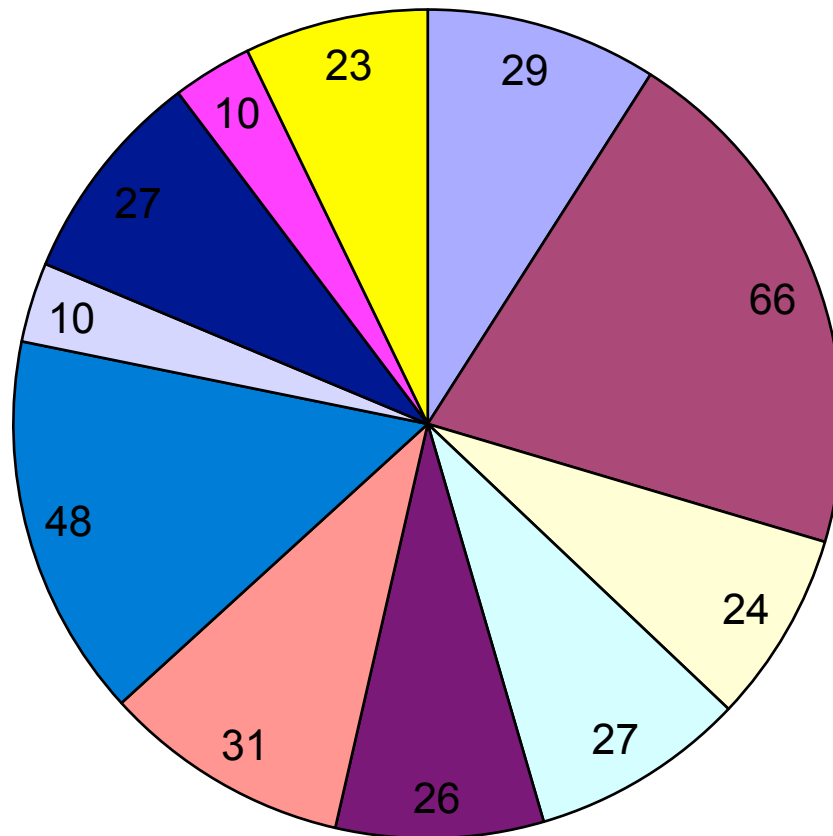
Number of Accidents by Day (data from 1997-2002)



Number of Accidents by Hour (data from 1997 - 2002)

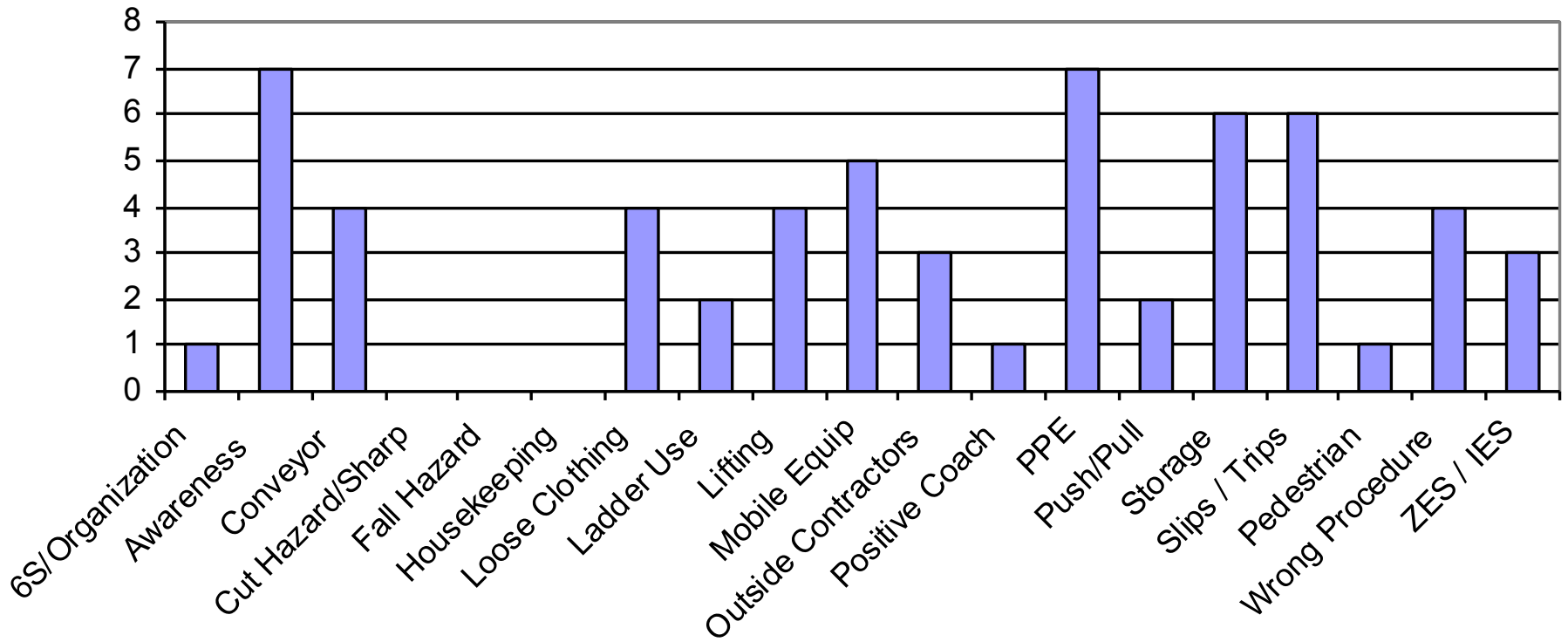


INJURIES BY MACHINE 2005-2010

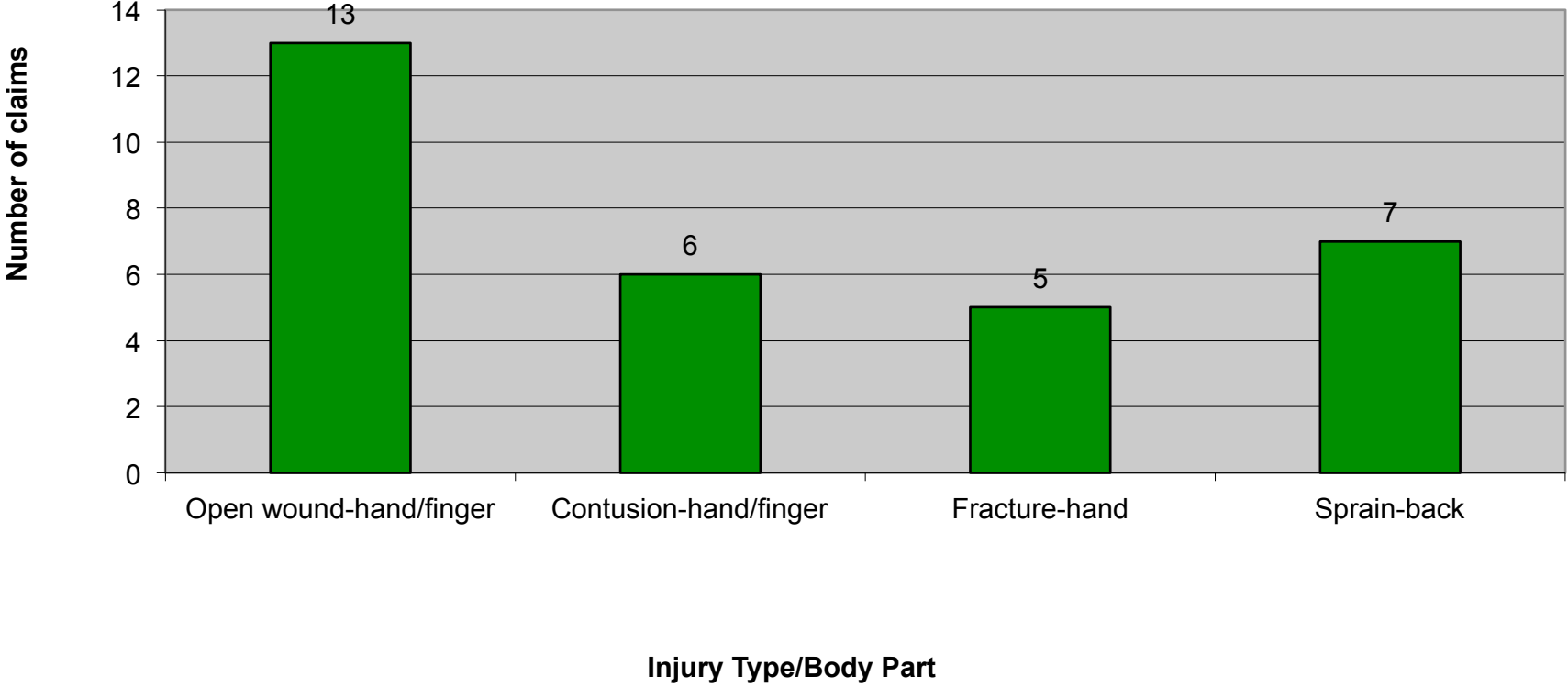


- Baler
- Corrugator
- 125 Die Cutter
- 126 Die Cutter
- 130 Flexo
- 131 Flexo
- Shipping/Trucker
- Bander
- Maint/Boiler
- Die Room/Quality
- Office/Home

Central Region Unsafe Observations - Week ending 10-19



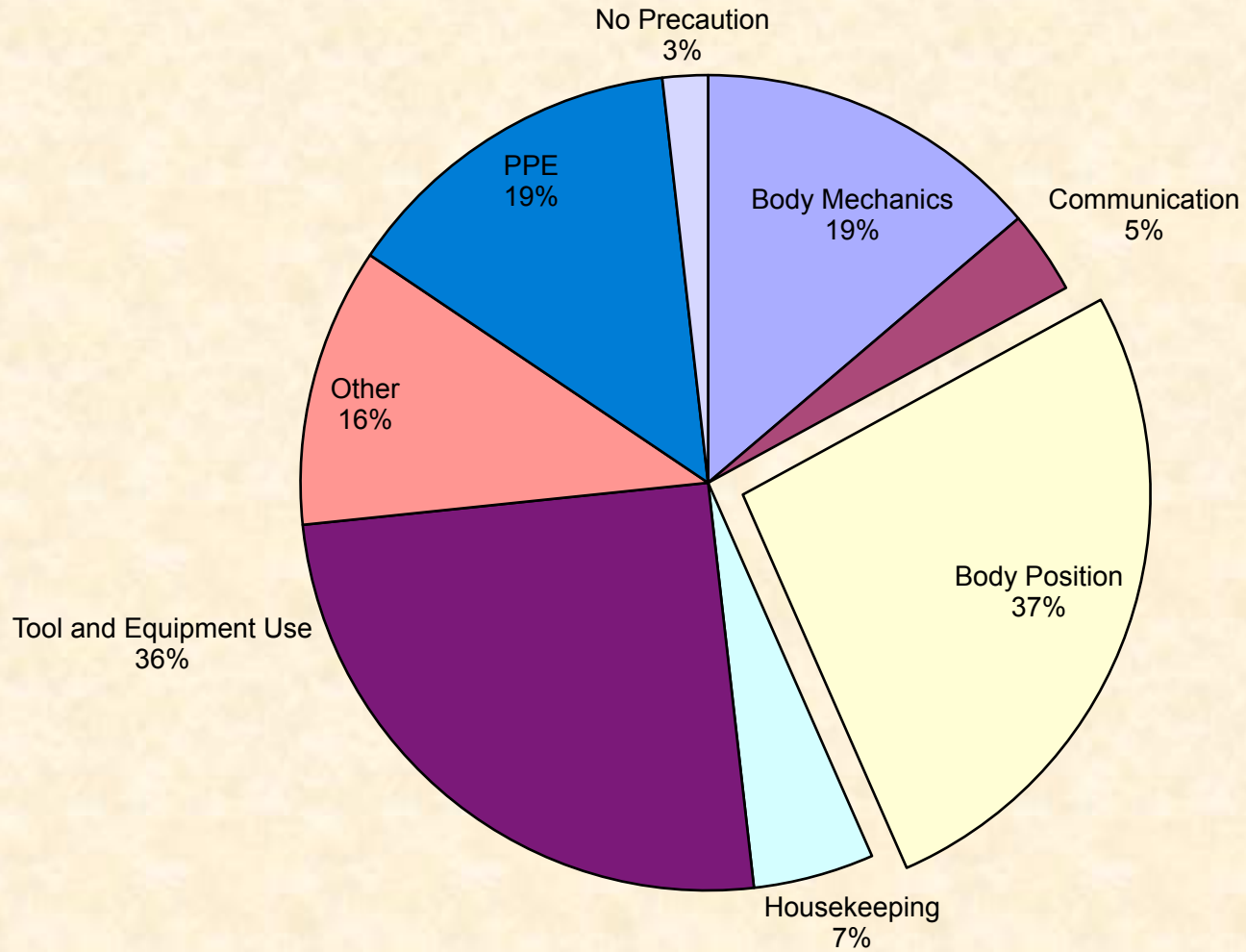
**Company A
Top 4 Injuries by Type/Body Part
2001-2005**



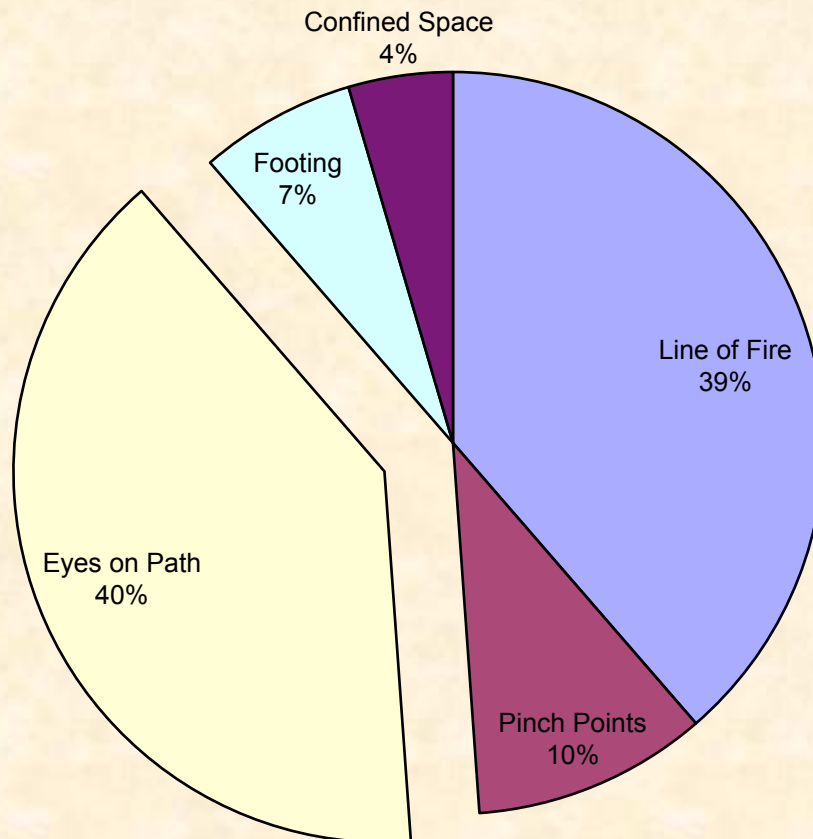
Prioritizing

- Methods
 - Pure numbers
 - Risk Matrix
 - Cost
 - Culture

Accident Cause



Body Position (% of Category Only)



Risk Matrix

		Probability				
		Very Low 0 – 20%	Low 21 – 40%	Medium 41 – 60%	High 61 – 80%	Extreme 81 – 100%
Impact	5 – Critical					
	4 – High					3
	3 – Medium			2		
	2 – Low					
	1 – Very Low					

Falls from Elevation
Back Strains
Hand Lacerations

(I=5 P=Low 2)=7
(I=4 P=Very Low 1)=5
(I=2 P=High 4)=6

Impact

5
4
3
2
1

		Falls			
Back					
			Lacerations		

1

2

3

4

5

Probability

Cost

- Where do you get costs?
 - Worker's compensation

Culture

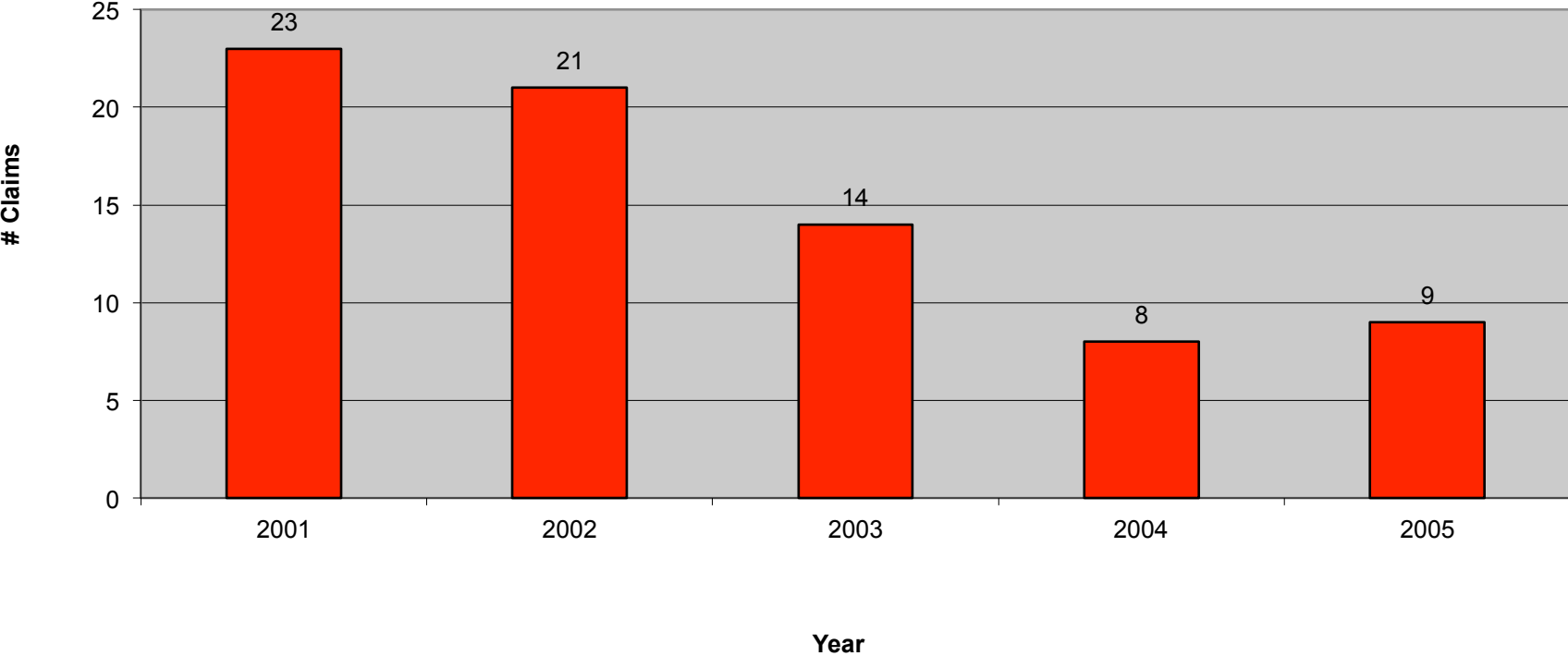
- What's the mood/feel of the workers?
- What do the employees feel is a priority?
- What does management/supervisors feel is a priority?

Presenting

- Obtaining buy in
 - Make the data visual

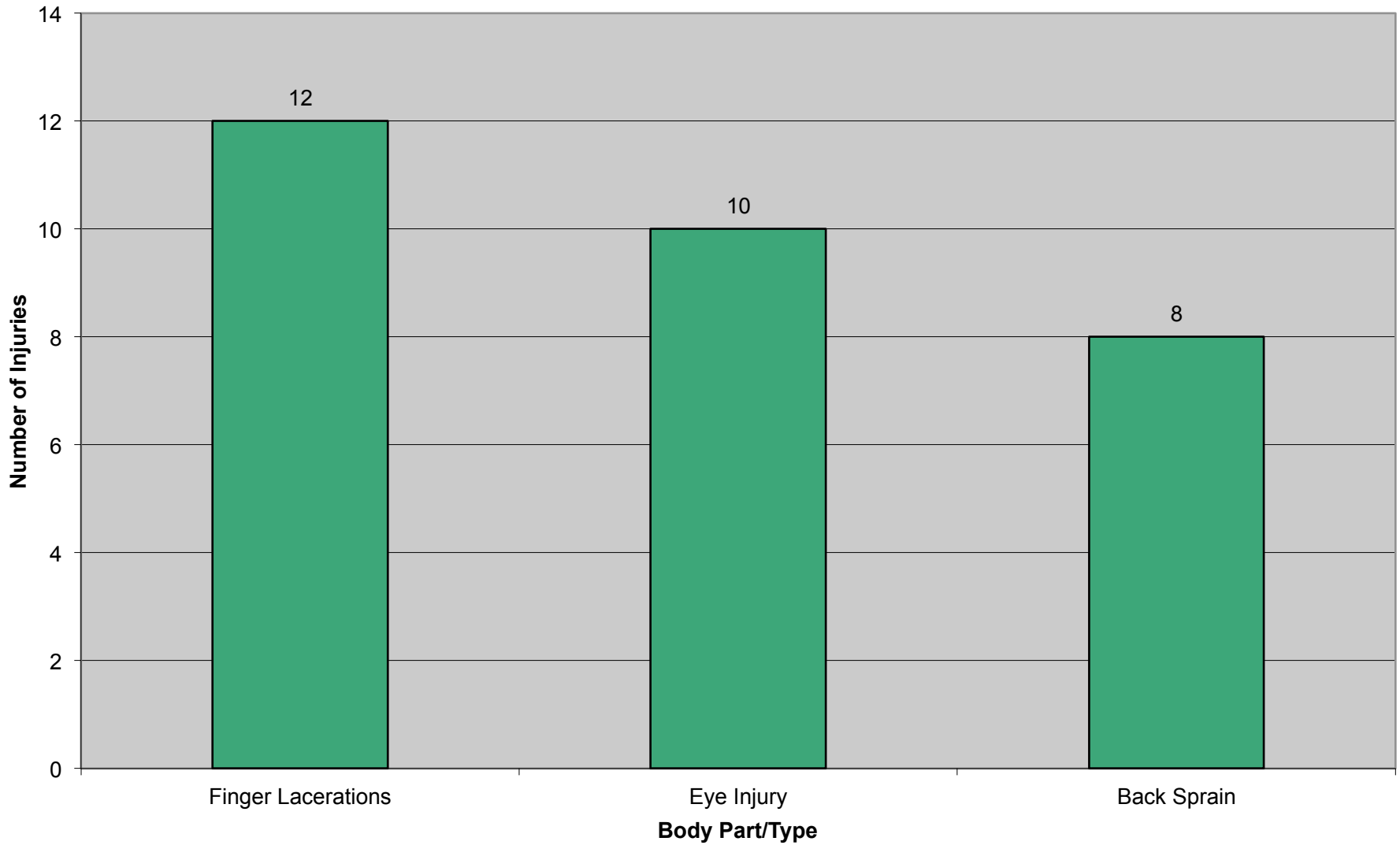
Year	Claims
2001	23
2002	21
2003	14
2004	8
2005	9

**Company B Compensation Claims
2001-2005**



Type	Number
Finger-Laceration	12
Eye Injury	10
Back-Sprain	8

Company B 2001-2005
Top 3 Injuries by Body Part/Type



In Conclusion

- Tool to reduce injuries
- Assist you in not being as overwhelmed
- Assist you in streamlining resources
- Persuading management/employees
- Knowing at the end of the day “I worked on the most important item there was today”