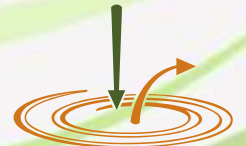


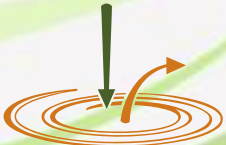
# **Solid Waste Safety:**

## **Getting out of the OSHA top 5!**

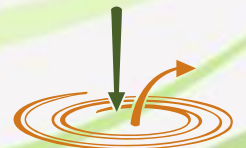
*A Panel Discussion*



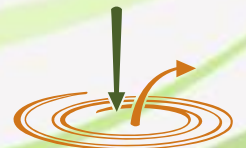
# Getting out of the OSHA Top 5!



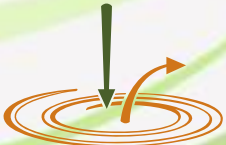
# Getting out of the OSHA Top 5!



# Getting out of the OSHA Top 5!



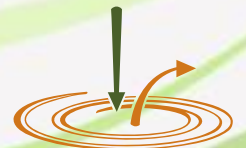
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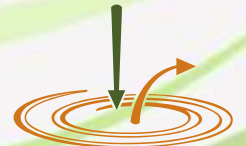


# Getting out of the OSHA Top 5!

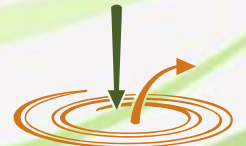




# Getting out of the OSHA Top 5!



# Getting out of the OSHA Top 5!



# Getting out of the OSHA Top 5!

## **Keith Banasiak:**

Regional Vice President, Waste Pro USA

## **Chad Grecsek:**

Director of Sustainable Management, Deerfield Beach;  
Vice Director SWANA Collection & Transfer Technical  
Committee; Florida Safety Ambassador

## **Kyle Kummer:**

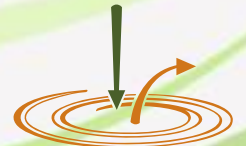
VP Business Development, AWTI / Third Eye

## **Tony Romano:**

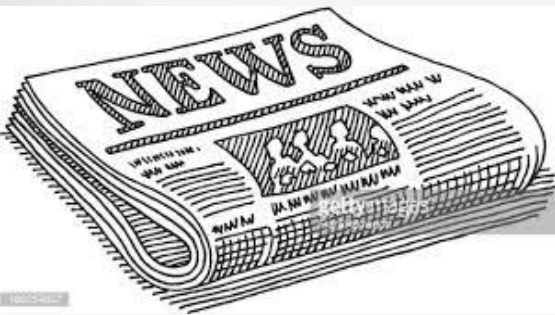
Principal, Optimum Analytics

## **Don Ross:**

Director of Operations, Kessler Consulting;  
Director SWANA Collection & Transfer Technical Committee



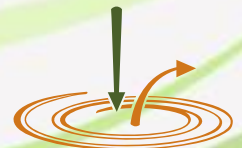
# Getting out of the OSHA Top 5!



*"The latest fatal injury figures show a trend **moving in the wrong direction** for the waste and recycling sector.*

Waste  360™

12/20/2016

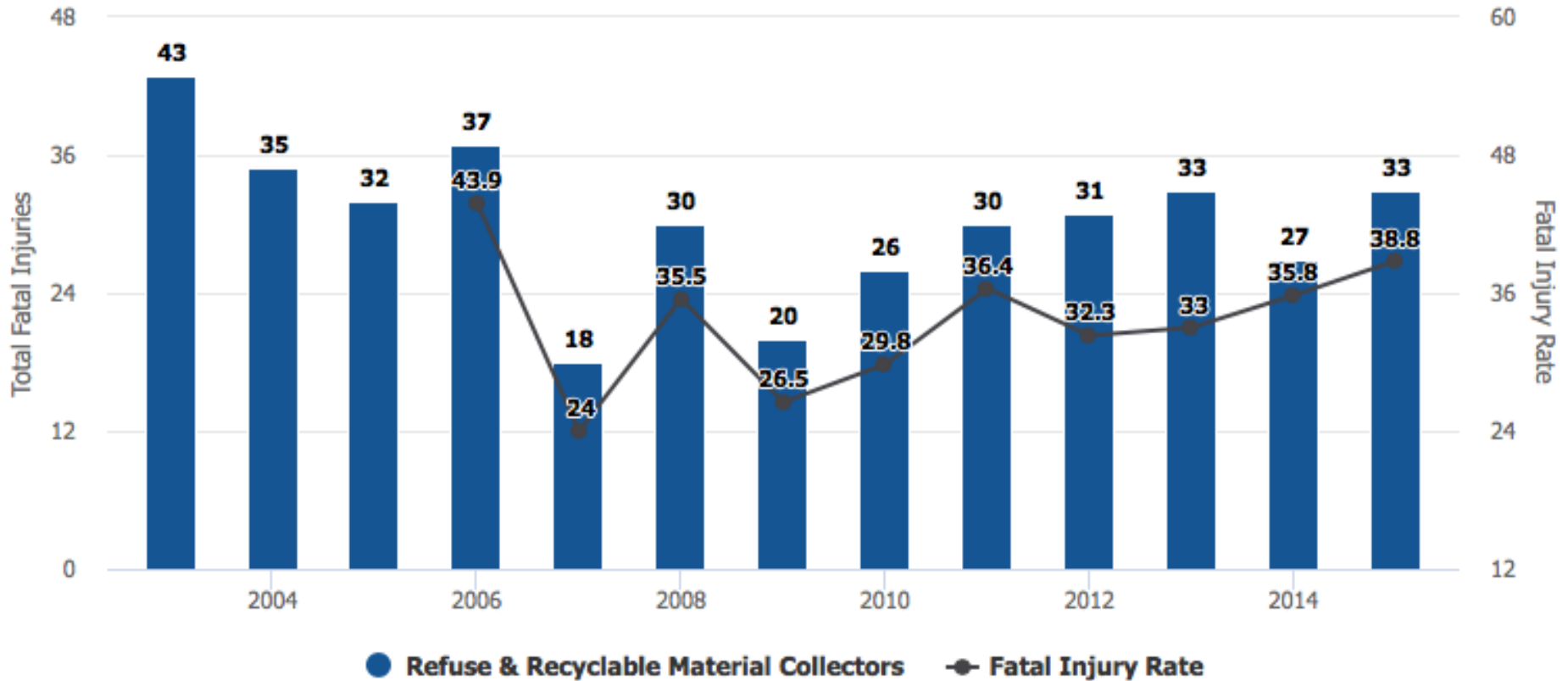


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innovative waste solutions

# Getting out of the OSHA Top 5!

## Refuse & Recyclable Material Collector Fatalities

Source: Bureau of Labor Statistics



Waste360.com



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# Getting out of the OSHA Top 5!

## Distractions

### **Industry**

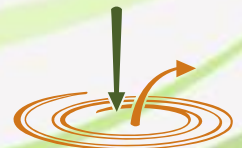
*Phones/Devices*  
*Eating*  
*Substance Abuse*  
*Vehicle Technology*  
*New Route/Team*  
*Management Actions*  
*Equipment Issues*  
*Complacency*  
*Rushing*  
*Illness*  
*Personal Issues*

### **3<sup>rd</sup> Party**

*Electronic Devices (phones)*  
*Pedestrians*  
*Kids/Pets/Neighborhoods*  
*Drugs/Alcohol*  
*Lack of Patience*  
*Transients in Bins*  
*Share the Road (bicyclists)*

### **Miscellaneous**

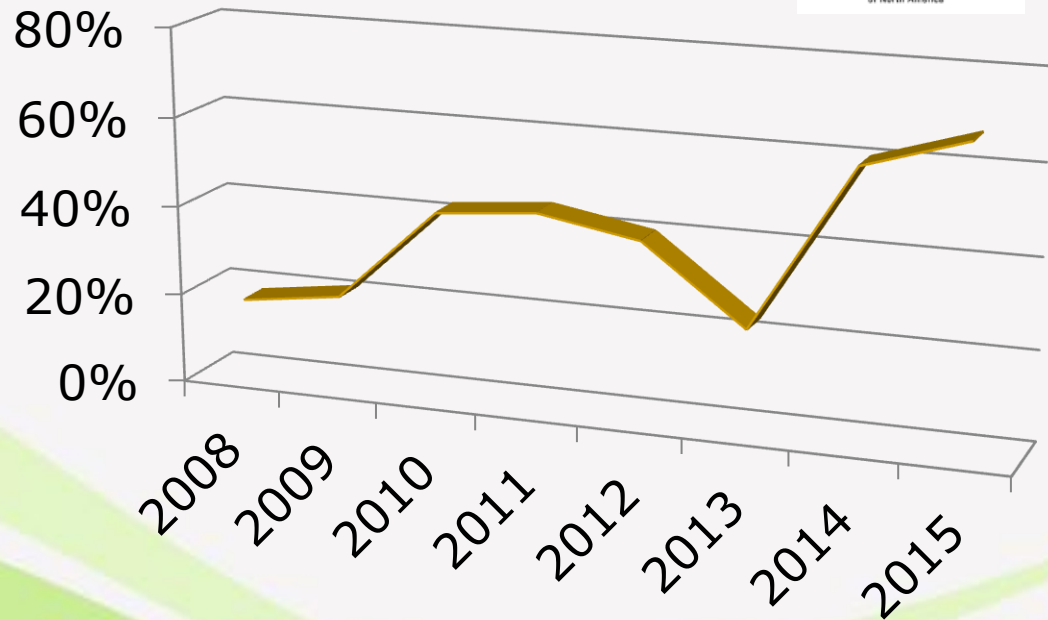
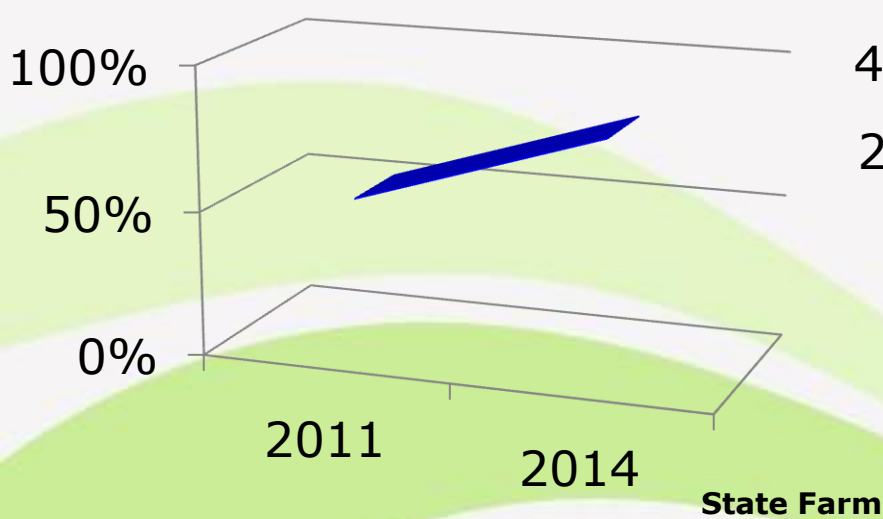
*Weather*  
*Construction Detours*  
*Street Maintenance*



# Getting out of the OSHA Top 5!

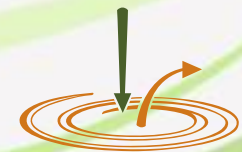
## Distracted Driving Trends

- As of December 2013, 153.3 Billion text messages were sent in the U.S. every month
- At any given moment in America roughly 660,000 drivers are using cell phones or electronic devices
- 25% of teens respond to text messages one time or more while driving



■ Cell Phone Ownership by Drivers

■ Distracted Drivers % Fatal Accidents

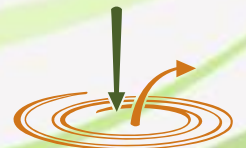


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# Getting out of the OSHA Top 5!

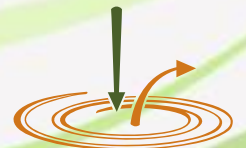
*As an industry, can we fix this?*



# Getting out of the OSHA Top 5!

## *What do our panelists think?*

- **Incidents:** *Top causes and has this changed?*
- **Public v. Private:** *Who does it better and should it matter?*
- **Automation:** *It has helped, but is it really the answer; do we automate simply for the sake of automation?*
- **Leadership:** *Management's role in safe behavior?*
- **Street level action:** *Mentors, coaches, and trainers rather than SWAT teams, managers and disciplinarians?*
- **Technology:** *Friend or Foe?*
- **Future:** *What will it look like?*



# Thank You!

