

OSHA and the Oil and Gas Industry –

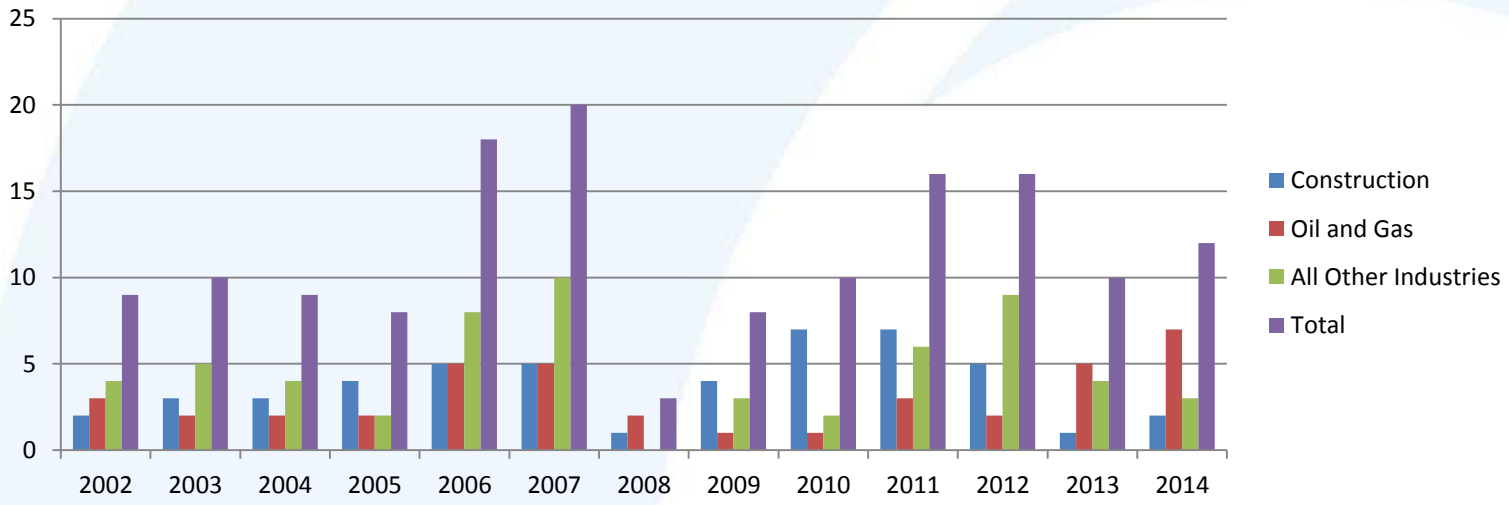
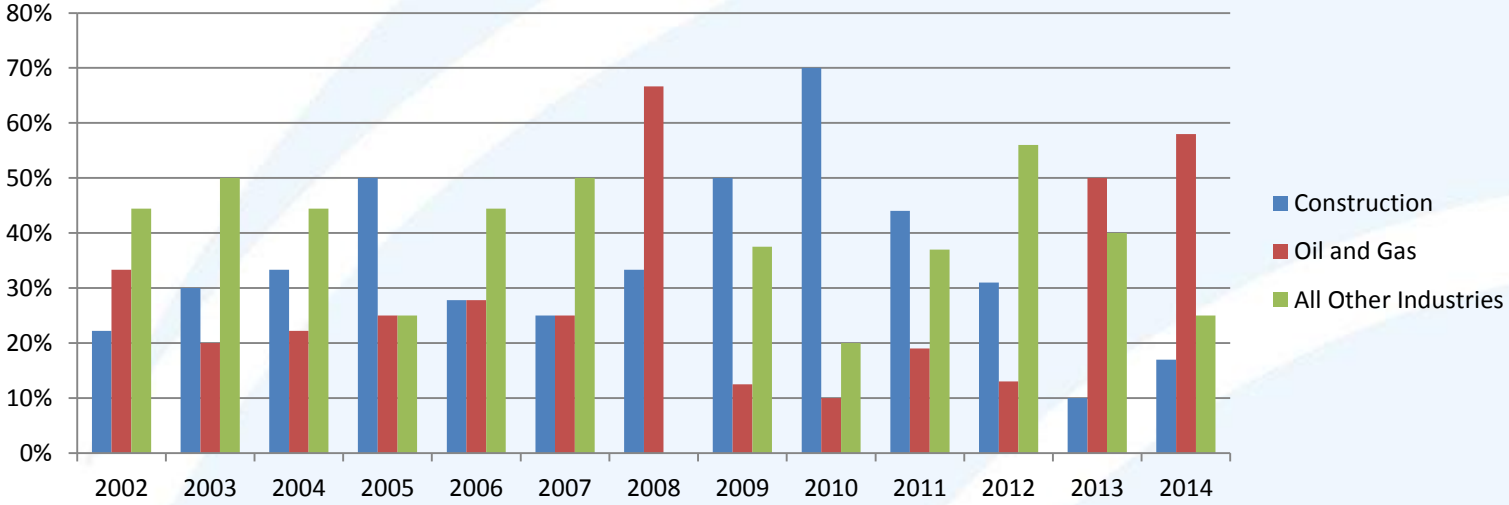
Cooperative Efforts to Reduce Injuries through Information Sharing

Robert Genoway
Bureau Chief
New Mexico OSHA



NM OSHA Accident Investigations

NM Fatality Investigations



NM OSHA Fatality Investigations

- **12 fatal accidents since January 2015**
 - 6 construction fatalities
 - 3 oil and gas fatalities
- **Accident types**
 - 6 struck by/caught in accidents
 - 5 accidents involving falls

NM OSHA Fatality Investigations

Accidents investigated since January 2015

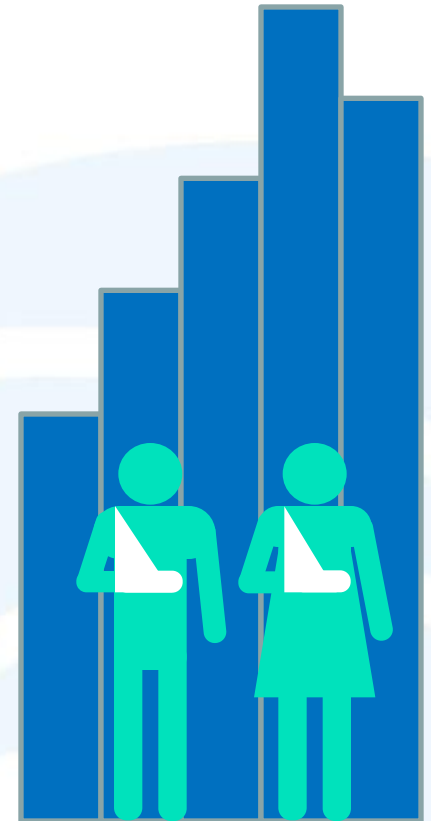
Date	Industry	Event
1/30/2015	Oil & Gas	Caught in PTO of pump truck
2/9/2015	Oil & Gas	Struck by falling tubing
3/11/2015	Oil & Gas	Struck by perforating charge
4/15/2015	Construction	Caught under end loader
4/27/2015	Oil & Gas	Explosion/fire at gas plant
5/25/2015	Other	Fall from zip line
8/18/2015	Construction	Fall from / struck by scaffolding
2/1/2016	Other	Fall from/struck by tractor
2/25/2016	Construction	Fall from ATV
3/14/2016	Construction	Struck by vehicle
4/4/2016	Construction	Fall from concrete highway form
4/20/2016	Construction	Caught in overturned excavator

OSHA Injury Reporting

Severe Injury Reporting Program

As of January 1, 2015:

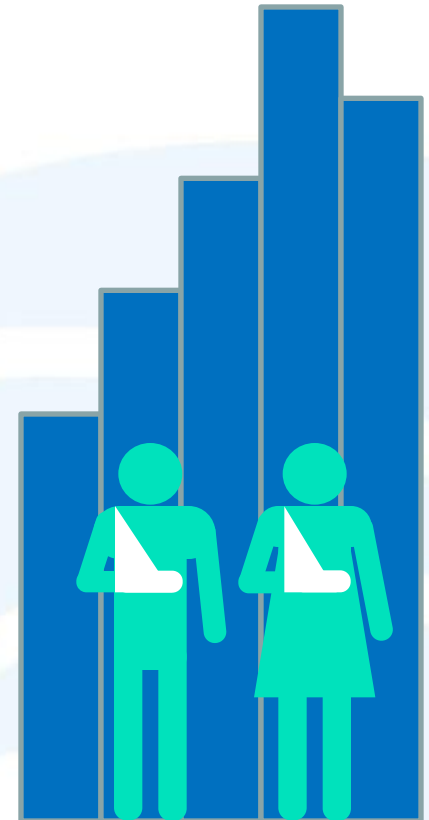
- All employers are required to notify OSHA when an employee is **killed** on the job or suffers a work-related **hospitalization, amputation, or loss of an eye**.
- A fatality must be reported **within 8 hours**.
- An in-patient hospitalization, amputation, or eye loss must be reported **within 24 hours**.



New Mexico Adoption

Since January 1, 2015:

- On June 16, 2015, The New Mexico Environmental Improvement Board approved a clarification of NM rules adopting the federal requirement.
- The rule change became effective on July 16, 2015.
- New Mexico began to enforce the new rule on January 1, 2016.



Severe Injury Reporting



OSHA instituted the new reporting program to:

- Better target the Agency's **compliance assistance and enforcement efforts** in places where workers are at greatest risk
- **Engage more high-hazard employers** in identifying and eliminating serious hazards

Severe Injury Reporting



RAPID RESPONSE INVESTIGATION (RRI)

- Collaborative, problem-solving approach
- Encourages an employer and OSHA to **work together** toward **shared goal**:

Find and fix hazards, and improve overall safety

YEAR ONE ANALYSIS

Year One of OSHA's Severe Injury Reporting Program: An Impact Evaluation

By David Michaels, PhD, MPH
Assistant Secretary of Labor for Occupational Safety and Health

Every year, tens of thousands of men and women across the United States are severely injured on the job, sometimes with permanent consequences to themselves and their families.

But until last year, the Occupational Safety and Health Administration (OSHA) lacked timely information about where and how most of those injuries were occurring, limiting how effectively the agency could respond. Too often, we would investigate a fatal injury only to find a history of serious injuries at the same workplace. Each of those injuries was a wake-up call for safety that went unheeded.

Now, under a requirement that took effect Jan. 1, 2015, employers must report to OSHA within 24 hours any work-related amputation, in-patient hospitalization, or loss of eye. (The requirement to report a fatality within 8 hours was unchanged.) Injuries may be reported directly to an OSHA field

office, to the OSHA toll-free number, or via an online form; details are available at www.osha.gov/report.html. OSHA instituted the new reporting requirements to:

1. Enable the agency to better target our compliance assistance and enforcement efforts to places where workers are at greatest risk, and;
2. Engage more high-hazard employers in identifying and eliminating serious hazards.

Experience in the field and data from more than 10,000 reports of severe injuries tell us that both goals are being met. We are confident that the events triggered by these reports have eliminated the potential for many more thousands of injuries in U.S. workplaces.



Severe Injury Reporting:

YEAR ONE FINDINGS



- **10,388** severe injuries reported, including **2,644** amputations and **7,636** hospitalizations
- This is an average of **30** worker injuries every day of the year
- Most reported injuries (**62%**) were addressed by **employer investigation**, *not* OSHA inspection

New Mexico Reporting:

YEAR ONE FINDINGS



- **105** severe injuries reported since January 2015, including **15** amputations and **84** hospitalizations
- The industries reporting the most injuries were construction (22 reports) and oil & gas (19 reports)
- Most reported injuries (**88%**) were addressed by **employer investigation**, *not* an NM OSHA inspection

New Mexico O&G Injuries

City	Event Date	Event Time	Hazard Desc and Location
HOBBS	1/15/2015	01:15:00 PM	Employee was operating the air hoist during a rigging down operation. Employee had one hand on the air hoist control and the other on a nearby handrail. The Trac Drive being hoisted and lowered swung over and struck the employee's hand on the hand rail injuring three fingers. The small finger on the right hand then required subsequent amputation.
CARLSBAD	1/18/2015	12:00:00 AM	Employee was brining JLG telescoping boom back to the yard on January 17th and then returned on the 18th to load up and take boom to another location. Equipment came off the trailer and/or lurched forward throwing the employee out of the bucket hitting his head. Employee suffered from head injuries, separated right retina, crushed wrist and shoulder.
FARMINGTON	1/29/2015	01:00:00 PM	On January 29, 2015, an employee was found to require medical assistance and has been hospitalized. Not work related.
LOVINGTON	3/30/2015	10:00:00 PM	Company was coming out of a hole with fish when an employee's glove got caught on spinning chain which jerked his right arm into the tubing. Suffered a break to right forearm. Sent to University Hospital in Lubbock, Texas
CARLSBAD	4/9/2015	10:30:00 AM	Employee was lifting dropped gate bar @ entrance when another vehicle ran over employee's foot causing 3 broken bones requiring surgery.

New Mexico O&G Injuries

City	Event Date	Event Time	Hazard Desc and Location
FARMINGTON	11/10/2015	01:30:00 PM	Employees were tripping rod when a string of rod came out of the elevator rod hook. The rod fell and struck one employee on the hard hat resulting in a laceration to his forehead. The employee was hospitalized for observation.
LOCO HILLS	1/11/2016	09:00:00 AM	Employee fractured his c-2 vertebrae when he fell while walking, stepping over a load line while checking tanks.
HAGERMAN	1/13/2016	02:30:00 PM	Pressurized pipe broke loose, whipped around and hit an employee which suffered a broken foot and crushed arm. Safety Director stated that the employee was uncoupling the wrong line which was pressurized at 960 PSI when it came loose. The line that he uncoupled was white which is a carbon dioxide injection line and the one that should have been uncoupled is green which is a production line. The employee was hospitalized and had surgery on his arm but will need another surgery.
LOVINGTON	3/8/2016	12:00:00 PM	Employee was being lifted by harness and hoist to the level of the pump jack to remove the horsehead when a clevis on the harness got caught on the end of a bolt sticking out from the horsehead. The stuck clevis suddenly pulled loose from the bolt and in so doing jerked the employee upward applying force to the employees' back. The employee was medically evacuated to an Odessa hospital for treatment.

Severe Injury Reporting:

YEAR ONE LESSONS



- Reporting leads to productive interactions with OSHA
- Most employers are eager to cooperate with OSHA to prevent similar or worse worker injuries
- Many employers went above and beyond OSHA requirements

Collaborative Efforts In New Mexico

NM OSHA Cooperative Programs

NM OSHA Alliances:

- NMOGA
- SJC School of Energy

Working Groups:

- Rig Move Task Force
- NMOSHA/NIOSH/NMDOH



Questions?

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http://www.nmenv.state.nm.us/Ohsb_Website/index.htm

