




# *The Oil and Gas Occupational Health Working Group: a Creation of WestON*

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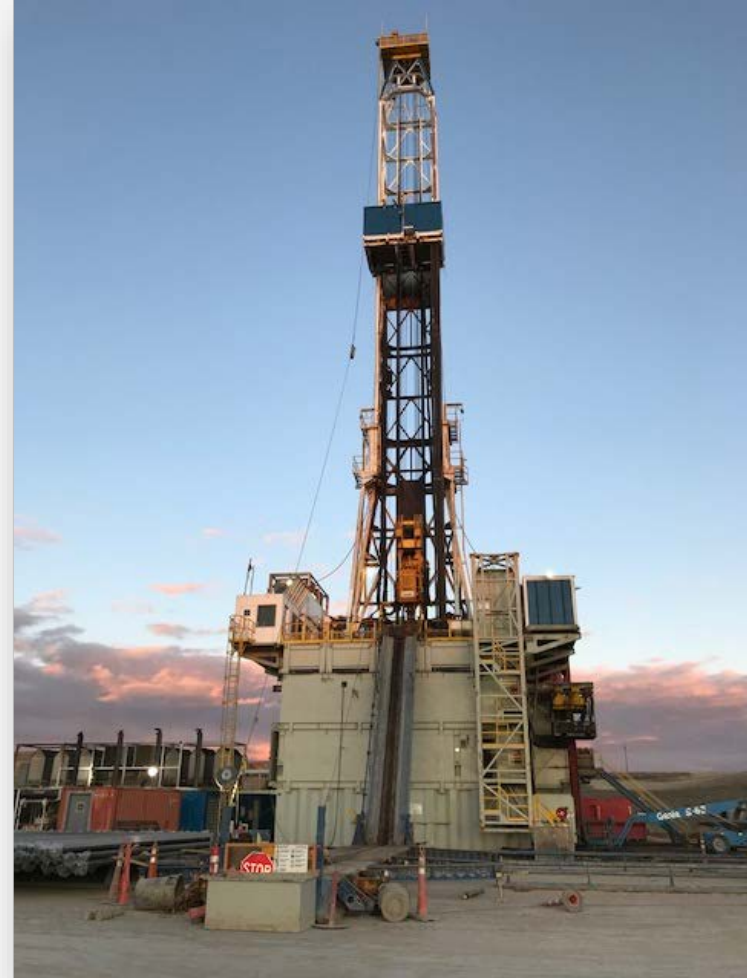
The findings and conclusions in this presentation are those of the authors and do not necessarily represent the views of the National Institute for Occupational Safety and Health.



The image features a dramatic sunset sky with vibrant orange, red, and blue clouds. In the foreground, the silhouettes of two workers wearing hard hats stand on the left, looking towards the right. To their right, several large oil pumpjacks are silhouetted against the colorful sky. A white thought bubble is positioned in the upper left quadrant, containing text.

A little background  
on the oil and gas  
extraction  
workforce...

# *Site preparation*



# *Drilling*



***Drilling rig floor***



***Falls are a leading cause of fatality.***

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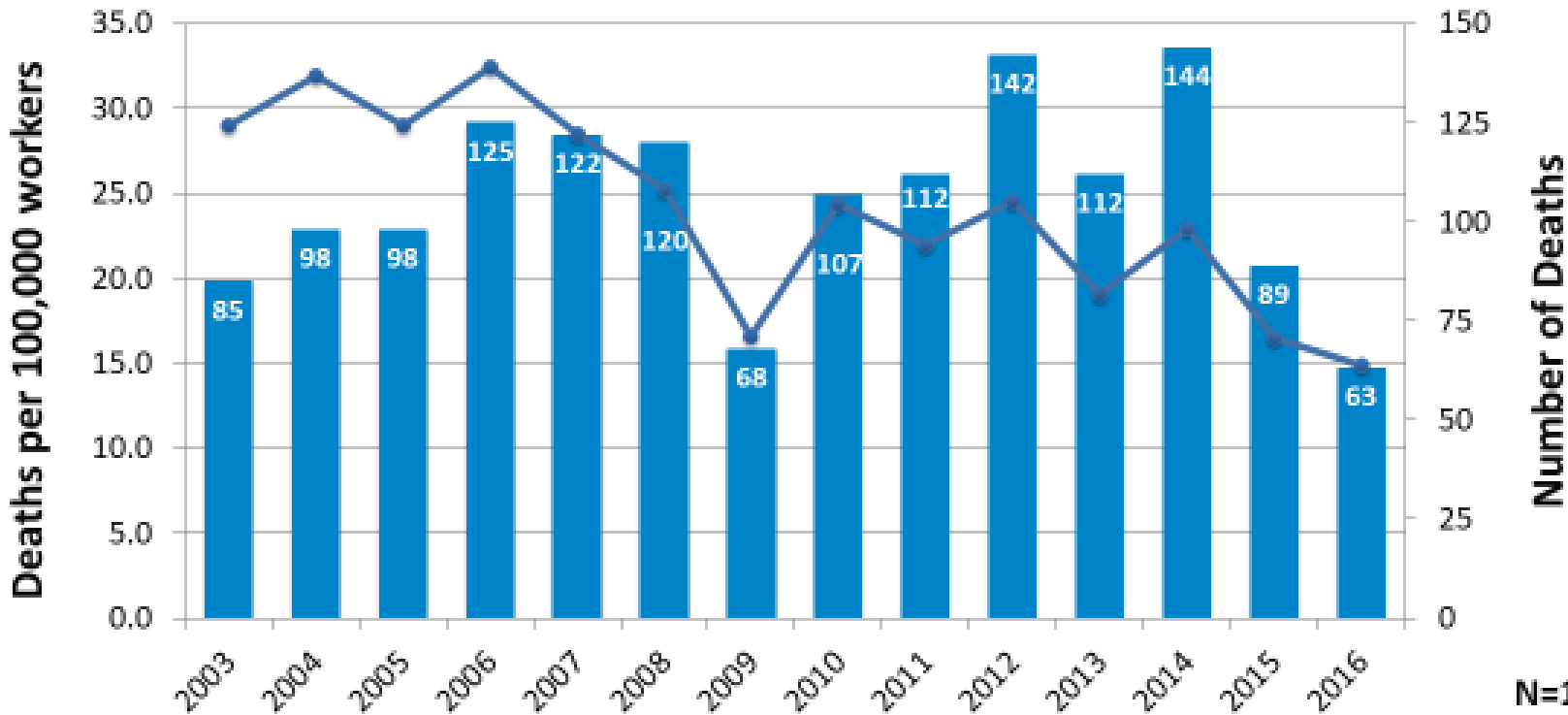






*Image courtesy of Jeff Swensen for the New York Times. Times*

# Number and Rate of Fatal Work Injuries U.S. Oil & Gas Extraction Industry, 2003-2016



N=1,485



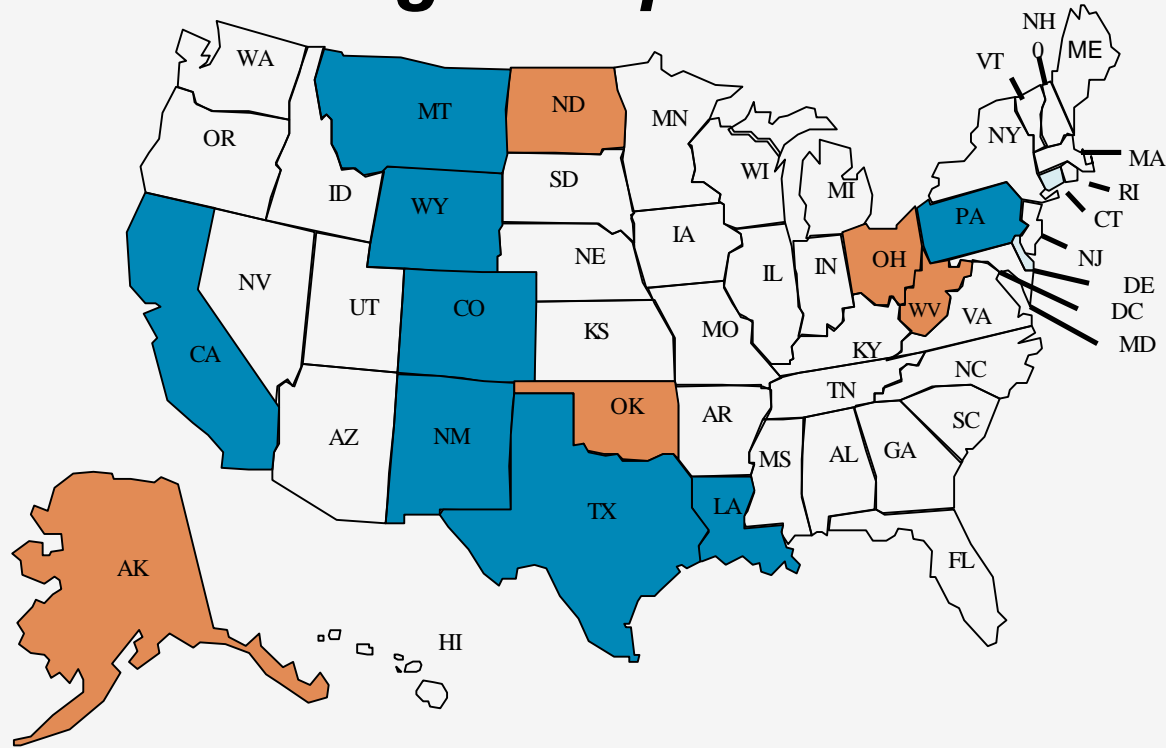
Note: Fatality counts from BLS Census of Fatal Occupational Injuries. Worker Estimates from BLS Quarterly Census of Employment and Wages. Rate per 100,000 workers per year. Includes NAICS 211, 213111, 213112.

# ***GOAL***

**Work together to examine oil and gas extraction (OGE) worker injury and illness data and inform stakeholders on a state and national level**

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# Active Oil and Gas Occupational Health Working Group States



**Data Source:** OSHA Severe Injury reports, accessible online at <https://www.osha.gov/severeinjury/index.html>

## ***WHY did we form this workgroup?***

- Consistency in oil and gas fatality reporting
  - Increase knowledge about occupational illness
  - Increase knowledge about non-fatal injuries
  - Share findings with key national stakeholders
-

**SUCCESS**

.....{ IS A }.....

**SERIES**

OF

**SMALL**

**WINS**

JAIMIE TARDY



***Roundtable  
(June 2018)***

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***Silicosis among OGE workers  
(Texas, 2010–2017)***

**0 reported silicosis  
cases to date**

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# *1<sup>st</sup> data project: Workers Compensation Claims*

- Created claims data definition, analysis plan
  - Data request to state bureaus
  - Key word search (phase 2)
  - OSHA Oil and Gas Conference, Dec. 2018
-

## *Other successes*



- OGE OSHA severe injury data for all states
  - WY approval for public records sharing (with NIOSH)
  - Interest in NIOSH OGE survey by two states
  - Learning similarities across states (i.e. crash systems)
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# *Longer term output*

Guidance document for  
states on doing  
analysis/outreach  
related to OGE  
workforce (2019)



# ***Come join us!!***

**Ketki Patel (TX)**

**Meredith Towle (WY)**

**Sandy Lam (NM)**

**Anna Reilly (LA)**

**Matt Frederick, Nina Townsend (CA)**

**Stephanie Hasanali (PA)**

**Kyle Moller (NIOSH)**

**Alejandra Ramirez (NIOSH)**

**Roberta Smith (CO)**

**Kyla Retzer (NIOSH)**

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