2.5.a: Decrease the rate of extremely serious worker injuries that lead to death from 2.7 per 100,000 full time workers to 2.5 per 100,000 full time workers by December 2016 - Supplemental

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2.5.A. WORKER FATALITIES

Department of Labor and Industries

Anne F. Soiza, L&I Assistant Director
Division of Occupational Safety and Health (DOSH)

January 17, 2017

Washington State Department of Labor & Industries
Background:  
Goal 4: 2.5.a - Decrease Worker Fatality Rate  
Decrease rate of extremely serious worker injuries that lead to death from 2.7 to 2.5 per 100,000 fulltime workers by 2016.

Mission: Save lives, prevent injuries, illnesses and protect the safety and health of Washington workers.

People lose their lives each year in preventable employment-related incidents.

Current State:

2015 WA Work-Related Fatality Summary:

- 2015 fatality rate is 2.1; 2016 target is 2.5 per 100,000 full time workers
- 58 traumatic work-related fatal accidents
- 18 fewer fatalities than 2014 - a 22% decrease
- Third lowest number seen in last ten years
- Since 2006, fatalities decreased by average of 2.7/year
Current State:

Occupational Fatality Rate per 100,000 Full-time Equivalent Workers

<table>
<thead>
<tr>
<th>Rank</th>
<th>State</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Rhode Island</td>
<td>1.2</td>
</tr>
<tr>
<td>2</td>
<td>Delaware</td>
<td>1.9</td>
</tr>
<tr>
<td>3</td>
<td>Massachusetts</td>
<td>2.1</td>
</tr>
<tr>
<td>4</td>
<td>Washington</td>
<td>2.1</td>
</tr>
<tr>
<td>5</td>
<td>California</td>
<td>2.2</td>
</tr>
<tr>
<td>6</td>
<td>New Jersey</td>
<td>2.3</td>
</tr>
<tr>
<td>7</td>
<td>Arizona</td>
<td>2.4</td>
</tr>
<tr>
<td>8</td>
<td>Maryland</td>
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<td>9</td>
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<td>2.5</td>
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<td>10</td>
<td>Connecticut</td>
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<tr>
<td>11</td>
<td>Hawaii</td>
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</tr>
<tr>
<td>12</td>
<td>Oregon</td>
<td>2.6</td>
</tr>
</tbody>
</table>

2015 Overall Fatality Rate

WASHINGTON STATE INDUSTRY

<table>
<thead>
<tr>
<th>Industry</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture, forestry, fishing and hunting</td>
<td>13.3</td>
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<tr>
<td>Construction</td>
<td>4.2</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>1.7</td>
</tr>
<tr>
<td>Wholesale and retail trade</td>
<td>1.9</td>
</tr>
<tr>
<td>Transportation and utilities</td>
<td>4.0</td>
</tr>
<tr>
<td>Information</td>
<td></td>
</tr>
<tr>
<td>Financial activities</td>
<td></td>
</tr>
<tr>
<td>Professional and business services</td>
<td>1.5</td>
</tr>
<tr>
<td>Educational and health services</td>
<td></td>
</tr>
<tr>
<td>Leisure and hospitality</td>
<td></td>
</tr>
<tr>
<td>Other services, except public administration</td>
<td></td>
</tr>
<tr>
<td>Public administration</td>
<td></td>
</tr>
</tbody>
</table>

Current State:

2015 WA Work-Related Fatalities by Industry

- Agriculture, Forestry, Fishing, Hunting and Transportation and Warehousing industries dropped **30%** from the 2014 fatality rate.
- The Construction industry dropped **46%** from the 2014 rate.
- Because workplace incidents did not occur that might have in 2015, There are workers spending time with their families and companies are more productive
Current State:

2015 Fatality Incident Type - All Industries
58 Total

- Falls – leading cause of fatality; four more falls than 2014
- Motor vehicle fatalities; three fewer than 2014
- Combined, the four most frequent fatality types is 75% of total

Current State:

2015 Fatalities – Key Worker Characteristics

- 21% (12) of workers were Hispanic
- 50% of workers were aged 50 or over
- 91% (53) were male
Strategies:

Focus on

- Falls
- Assaults/struck by objects
- Caught in/between
- Oxins/chemical exposures
- Sprains/strains

For Prevention

Strategies:

“The presentation was fantastic. Students were engaged and focused. They saw the reality of what can happen on the job and how important it is to be safe. It becomes more real to a young person when they can see and speak with an injured person rather than just reading about it. I would encourage Labor & Industries to continue this wonderful program.”

Micah Arneberg
Business Teacher
Work Site Learning Coordinator
Mt. Tahoma High School, Tacoma

- Young Worker/Student Outreach
- WISHA 10 for Agriculture (Train the Trainer) 40-hour program
- Industry/Hazard Partnerships
  - Fire Service
  - Construction
  - Logging
  - Agriculture
  - Lead
  - Highly Hazardous Chemical Processing
Detailed Action Plan:

Continued Worker Safety Partnerships

- Business/labor members
- Meet on regularly scheduled intervals
- Charged with tackling industry specific problems; implement tangible solutions that positively impact safety

Strategies:

Preventing Causes of Falls
Fatalities - A Model

- Annual Safety Stand Down to Prevent Falls in Construction - May 8-12, 2017
- Outreach, education, awareness and prevention, via:
  - Theatre campaign, training videos: [Fall Awareness Video](#)
  - Consultation, presentations, training, tips
  - Publications/posters
- Fall Protection Advisory Committee
- Use of injury data – data-driven solutions to improve
Hyperlink to YouTube Video: Fall Awareness Video (click here)

Assistance Needed:

Continued awareness that worker fatalities are nearly all preventable and the effort to ensure that no workers lose their life on the job of an occupational injury or illness.

Support of alignment and coordination between Washington State Patrol - Target Zero and Goal 2.5.a. Worker Fatalities.