Avetta

Avetta Health and Safety

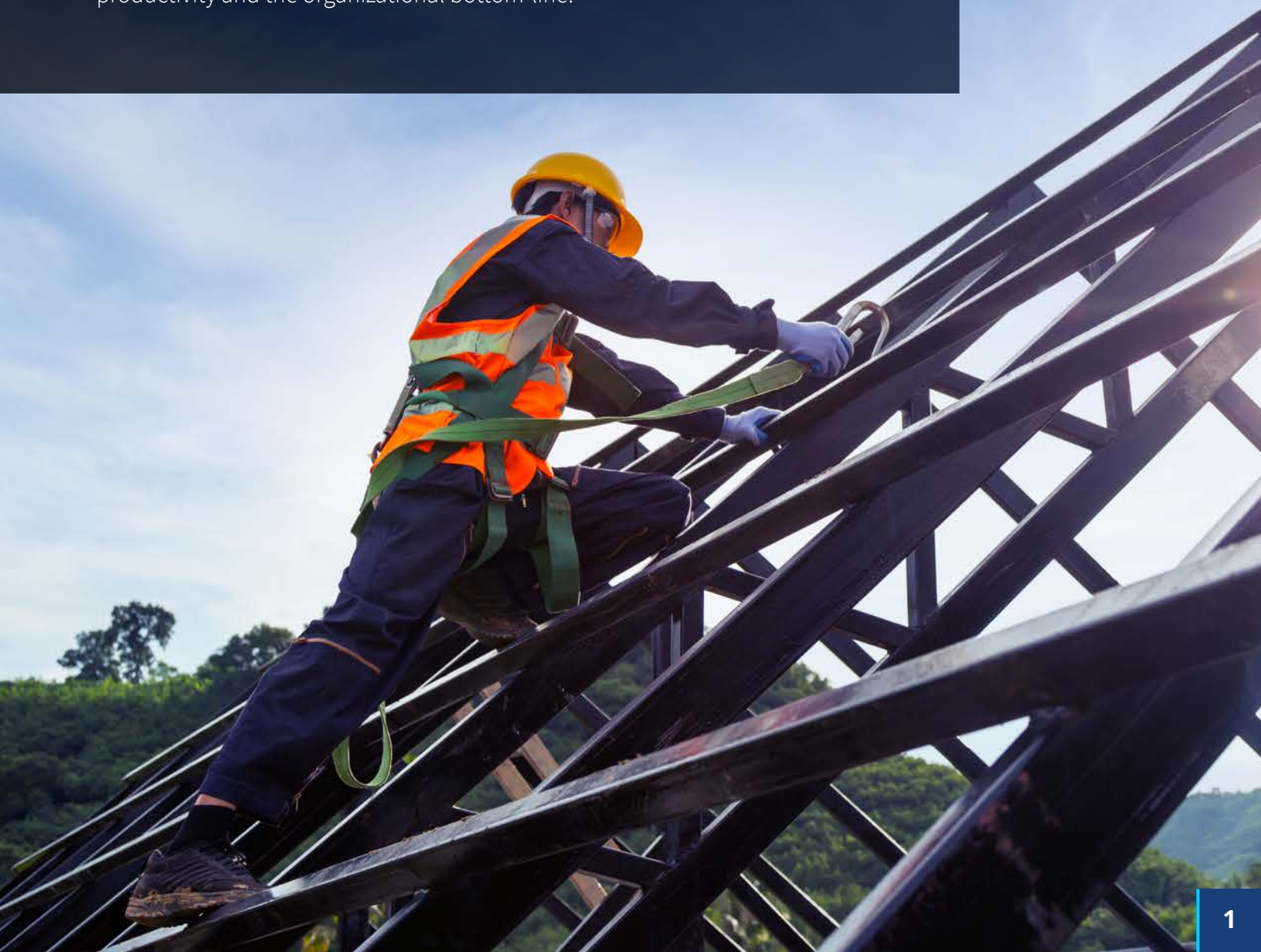
Performance Indicators

Safety Benchmark Data 2022

Every year, almost 2.78 million workers die from work-related illness and accidents. This translates to an alarming 7,500 individuals succumbing to unsafe and unhealthy workplace conditions every single day.[i]

The economic repercussion of this is overwhelming as well. According to research the total cost of workplace injuries, fatalities, and illnesses adds up to a whopping 3.94 percent of the global GDP, or $2.99 trillion.[ii] The human costs are higher of course, especially when the impact of an injury or death on family, friends and colleagues are considered.

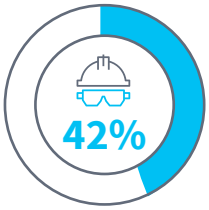
In the face of this grim reality, organizations need to cultivate a safety culture which has a more demonstrated commitment to employees. It's equally important to revisit worker safety as a critical on-the-job priority beyond productivity and the organizational bottom-line.



Report Summary

As a leader in the supply chain risk management space, Avetta has made a sizable impact to make global workplaces safer by helping companies gain visibility into their supply chain safety standards and strengthen compliance. With Avetta One, its end-to-end supply chain platform, and its proprietary Connect application, Avetta enables companies to run their supply chains with confidence and clarity by ensuring that only the most qualified and trained workers are given on-site tasks.

The result?



Suppliers leveraging the Avetta One platform have reduced workplace injuries rates by as much as 42%.

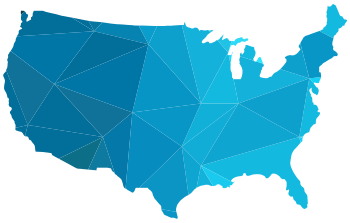
Avetta's analysis of the suppliers within its global network shows a drastic decline in injury rates when compared to the national averages across the world. The analysis is based on hundreds of thousands of safety data points and supplier performance reports collated from across the industry over the last few years.

The health and safety key performance indicators (KPIs) collated and highlighted in this report include:

- Total Recordable Incidents Rate (TRIR)
- Days Away, Restricted or Job Transfer Rate (DART)
- Lost Workday Case Rate (LWCR)
- Lost Time Frequency Rate (LTFR)
- Accident Frequency Rate (AFR)

Performance Data Based on Region

The following is a region-wise snapshot of the health and safety performance indicators:



United States

In the United States, most suppliers have witnessed TRIR rates declining by 35% after implementing the Avetta solution. In fact, some suppliers, such as AES Corporate, AIR Liquide, BASF Corporate, Crown Castle Corporate, Occidental Chemical Corporation, and Saint Global corporation reduced TRIR rates by 50% in the USA after joining Avetta.

Canada

Suppliers in Canada also witnessed declining TRIR rates similar to suppliers in the USA. In Canada, most suppliers saw their TRIR rates decline by 35% after implementing Avetta solutions. Some suppliers, such as Duke Energy Corporate and Verizon Corporate witnessed massive reduction in TRIR rates which was more than 80%.

Australia

In Australia, several suppliers such as BGIS Global (36%), Cushman & Wakefield Corp (41%), ERM Global (56%), and JLL Worldwide Corporate (80%) witnessed a declining Total Recordable Injury Frequency Rate after implementing Avetta solutions.

UK

In the UK, organizations like Cargill Corporate and ERM Global witnessed declining AFR rates of more than 40% after using Avetta's solutions.

Performance Data Based on Industry

The following is an industry-wise snapshot of the health and safety performance indicators. See how Avetta could help you thrive in your specific industry.

Advertising and Media

In the advertising and media industry, suppliers using Avetta's solutions witnessed reduction of TRIR by 42%, reduction of DART by 39%, and reduction of LWCR by 58%. Additionally, the suppliers using audit solutions in the industry reduced TRIR by 43%, DART by 39%, and LWCR by 59%.

Aerospace and Defense

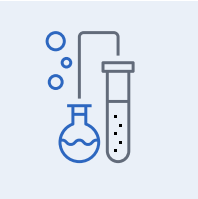
In the aerospace and defense sector, suppliers leveraging Avetta's solutions witnessed reduction of TRIR by 52%, reduction of DART by 53%, and reduction of LWCR by 65%. Additionally, the suppliers using Avetta's audit solutions in the industry reduced TRIR by 53%, DART by 55%, and LWCR by 66%.

Agriculture

In the agriculture sector, suppliers leveraging Avetta's solutions witnessed reduction of TRIR by 46%, reduction of DART by 49%, and reduction of LWCR by 63%. Additionally, the suppliers using Avetta's audit solutions in the industry reduced TRIR by 47%, DART by 50%, and LWCR by 65%.

Automotive

In the automotive sector, suppliers leveraging Avetta's solutions witnessed reduction of TRIR by 55%, reduction of DART by 57%, and reduction of LWCR by 69%. Additionally, the suppliers using Avetta's audit solutions in the industry reduced TRIR by 56%, DART by 59%, and LWCR by 69%.



Chemicals

In the chemicals sector, suppliers leveraging Avetta's solutions witnessed reduction of TRIR by 55%, reduction of DART by 57%, and reduction of LWCR by 68%. Additionally, the suppliers using Avetta's audit solutions in the industry reduced TRIR by 56%, DART by 59%, and LWCR by 70%.

Construction (Commercial, Residential)

In the constructions sector (commercial & residential), suppliers leveraging Avetta's solutions witnessed reduction of TRIR by 50%, reduction of DART by 50%, and reduction of LWCR by 64%. Alternatively, the suppliers using Avetta's audit solutions in the industry reduced TRIR by 52%, DART by 53%, and LWCR by 67%.

Construction (Infrastructure)

In the construction infrastructure segment, suppliers leveraging Avetta's solutions witnessed reduction of TRIR by 55%, reduction of DART by 57%, and reduction of LWCR by 68%.

Construction Materials

In the construction materials segment, suppliers leveraging Avetta's solutions witnessed reduction of TRIR by 47%, reduction of DART by 51%, and reduction of LWCR by 63%. Alternatively, the suppliers using Avetta's audit solutions in the industry reduced TRIR by 49%, DART by 53%, and LWCR by 66%.

Engineering and Consulting Services

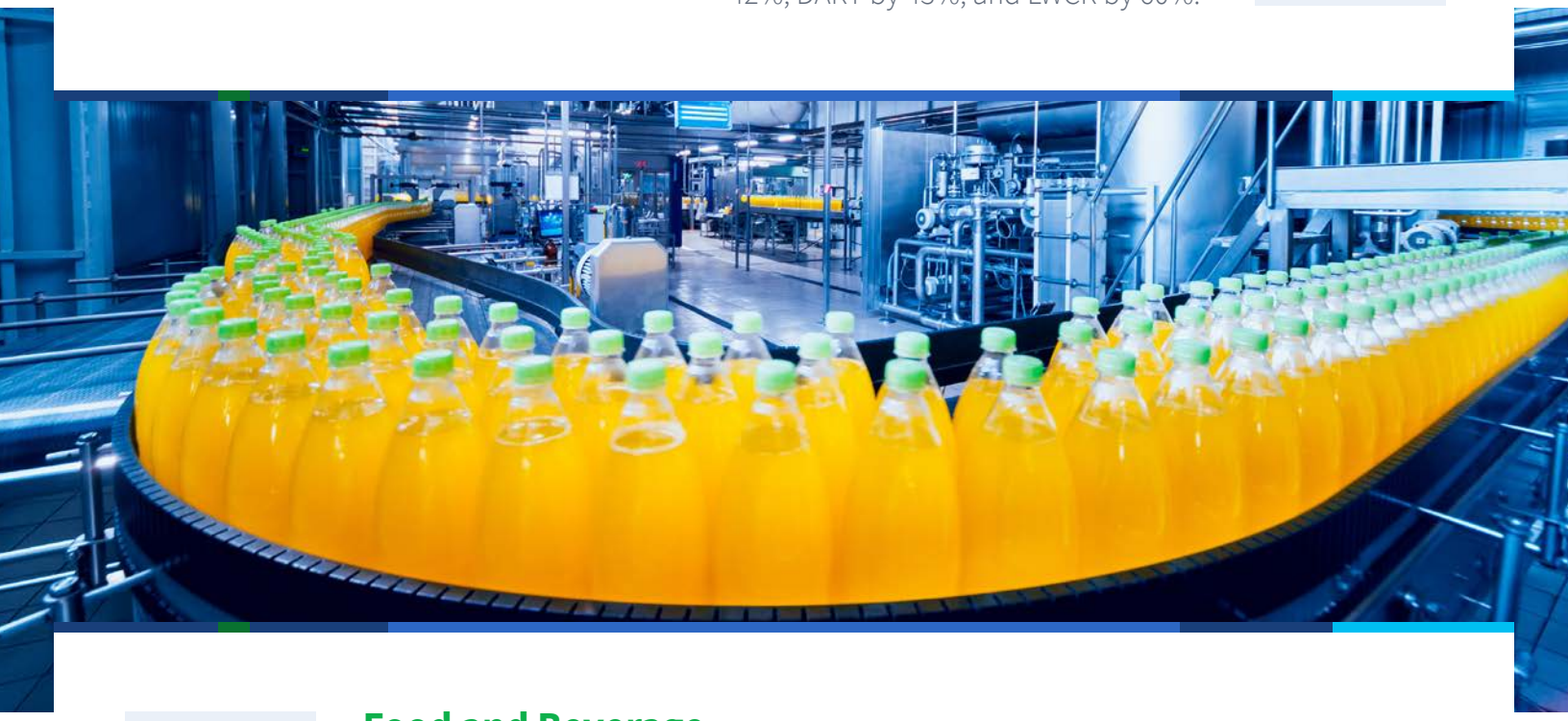
In the engineering and consulting services segment, suppliers leveraging Avetta's solutions witnessed reduction of TRIR by 54%, reduction of DART by 54%, and reduction of LWCR by 67%. Alternatively, the suppliers using Avetta's audit solutions in the industry reduced TRIR by 55%, DART by 57%, and LWCR by 69%.

Environmental and Waste Services

In the environmental and waste services segment, suppliers leveraging Avetta's solutions witnessed reduction of TRIR by 56%, reduction of DART by 58%, and reduction of LWCR by 68%. Additionally, the suppliers using Avetta's audit solutions in the industry reduced TRIR by 57%, DART by 59%, and LWCR by 69%.

Facilities Management

In the facilities management space, suppliers leveraging Avetta's solutions witnessed reduction of TRIR by 39%, reduction of DART by 40%, and reduction of LWCR by 56%. Additionally, the suppliers using Avetta's audit solutions in the industry reduced TRIR by 42%, DART by 43%, and LWCR by 60%.



Food and Beverage

In the food and beverage industry, suppliers leveraging Avetta's solutions witnessed reduction of TRIR by 49%, reduction of DART by 51%, and reduction of LWCR by 65%. Additionally, the suppliers using Avetta's audit solutions in the industry reduced TRIR by 50%, DART by 52%, and LWCR by 66%.

Industrial Services

In the industrial services industry, suppliers leveraging Avetta's solutions witnessed reduction of TRIR by 50%, reduction of DART by 51%, and reduction of LWCR by 63%. Additionally, the suppliers using Avetta's audit solutions in the industry reduced TRIR by 52%, DART by 55%, and LWCR by 66%.

Machinery (Automation, Heavy Equipment, Robotics)

In this industry, suppliers leveraging Avetta's solutions witnessed reduction of TRIR by 51%, reduction of DART by 53%, and reduction of LWCR by 66%. Additionally, the suppliers using Avetta's audit solutions in the industry reduced TRIR by 51%, DART by 54%, and LWCR by 67%

Manufacturing

In the manufacturing industry, suppliers leveraging Avetta's solutions witnessed reduction of TRIR by 49%, reduction of DART by 52%, and reduction of LWCR by 65%. Additionally, the suppliers using Avetta's audit solutions in the industry reduced TRIR by 51%, DART by 54%, and LWCR by 66%.

Mining

In the mining industry, suppliers leveraging Avetta's solutions witnessed reduction of TRIR by 56%, reduction of DART by 58%, and reduction of LWCR by 72%. Additionally, the suppliers using Avetta's audit solutions in the industry reduced TRIR by 58%, DART by 60%, and LWCR by 73%.

Oil and Gas (Upstream, Downstream, Midstream, Offshore, Oilfield)

In the oil and gas industry across upstream, downstream, midstream, offshore and oilfield service sectors, suppliers leveraging Avetta's solutions witnessed more than 70% reduction in TRIR, DART and LWCR, with one exception. The exception was the reduction of TRIR in the downstream sector, which was 69%. Same was the case with suppliers using the audit solutions provided by Avetta, with the same exception of TRIR reduction in the downstream sector (69%).

Pharmaceutical and Medical Services

In the pharmaceutical and medical sector, suppliers leveraging Avetta's solutions witnessed reduction of TRIR by 50%, reduction of DART by 50%, and reduction of LWCR by 63%. Additionally, the suppliers using Avetta's audit solutions in the industry reduced TRIR by 50%, DART by 50%, and LWCR by 64%.

Public Sector

In the public sector, suppliers leveraging Avetta's solutions witnessed reduction of TRIR by 46%, reduction of DART by 46%, and reduction of LWCR by 60%. Additionally, the suppliers using Avetta's audit solutions in the industry reduced TRIR by 48%, DART by 49%, and LWCR by 62%.

Retail

In the retail sector, suppliers leveraging Avetta's solutions witnessed reduction of TRIR by 42%, reduction of DART by 43%, and reduction of LWCR by 59%. Additionally, the suppliers using Avetta's audit solutions in the industry reduced TRIR by 42%, DART by 44%, and LWCR by 59%.

Steel, Metals, and Fabrication

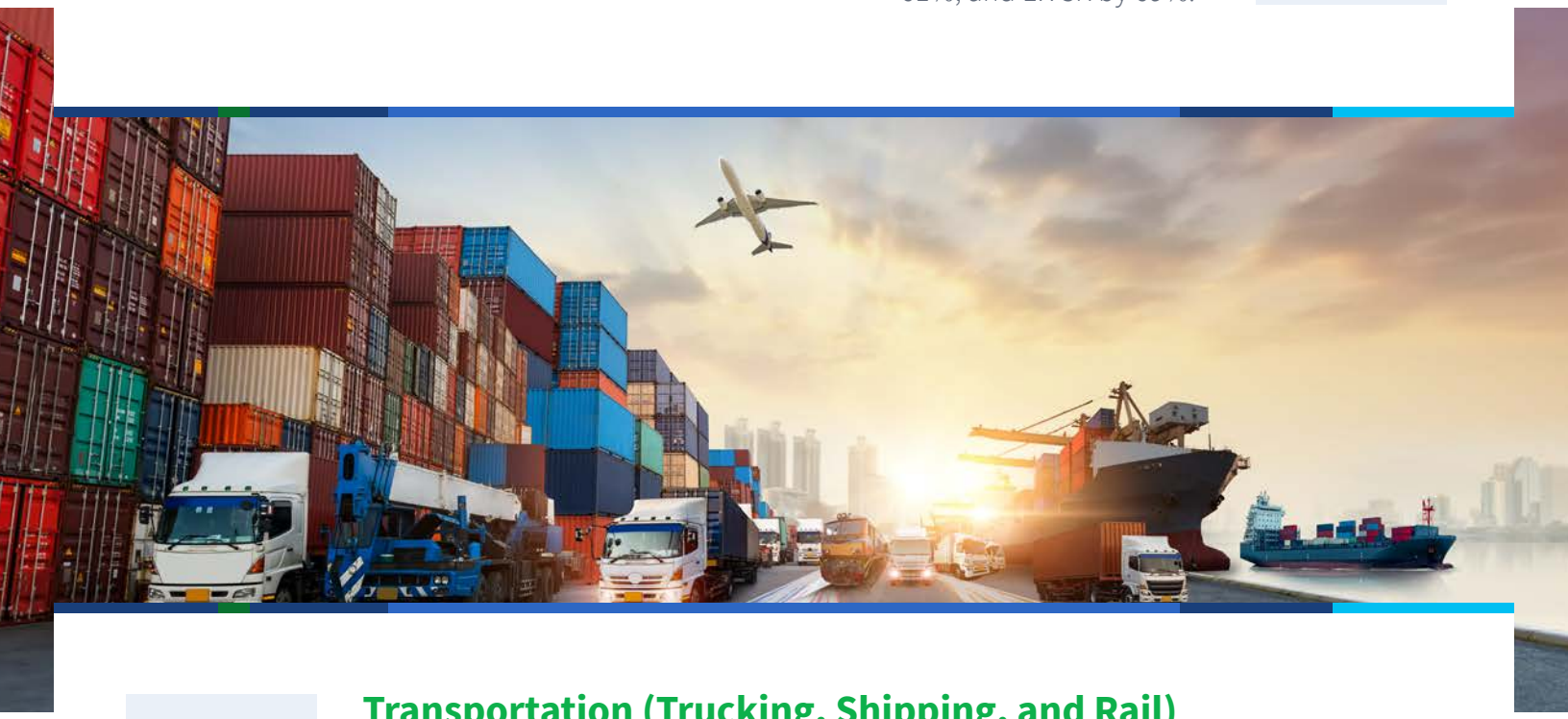
In this industry, suppliers leveraging Avetta's solutions witnessed reduction of TRIR by 55%, reduction of DART by 58%, and reduction of LWCR by 72%. Additionally, the suppliers using Avetta's audit solutions in the industry reduced TRIR by 57%, DART by 60%, and LWCR by 73%.

Technology (IT) and Security Systems

In this industry, suppliers leveraging Avetta's solutions witnessed reduction of TRIR by 52%, reduction of DART by 52%, and reduction of LWCR by 63%. Additionally, the suppliers using Avetta's audit solutions in the industry reduced TRIR by 52%, DART by 53%, and LWCR by 63%.

Telecommunications

In the telecom industry, suppliers leveraging Avetta's solutions witnessed reduction of TRIR by 58%, reduction of DART by 61%, and reduction of LWCR by 70%. Additionally, the suppliers using Avetta's audit solutions in the industry reduced TRIR by 57%, DART by 61%, and LWCR by 69%.



Transportation (Trucking, Shipping, and Rail)

In this industry, suppliers leveraging Avetta's solutions witnessed reduction of TRIR by 56%, reduction of DART by 58%, and reduction of LWCR by 68%. Additionally, the suppliers using Avetta's audit solutions in the industry reduced TRIR by 57%, DART by 59%, and LWCR by 70%.

Utilities and Power Generation

In this industry, suppliers leveraging Avetta's solutions witnessed reduction of TRIR by 59%, reduction of DART by 62%, and reduction of LWCR by 73%. Additionally, the suppliers using Avetta's audit solutions in the industry reduced TRIR by 60%, DART by 63%, and LWCR by 73%.

Recommendations

To make your supply chains safe from unwanted injuries and ensure the safety of your workers, we recommend the following tasks for your enterprise:

- Gain detailed visibility into your contractor/supplier network
- Conduct thorough audits and prequalification
- Quantify and assess supply chain safety performance indicators regularly
- Regularly collate, assess, and track supplier insurance documentation
- Educate and train workers on the latest workplace safety standards and best practices

Avetta One allows organizations to leverage a single unified platform for all supplier evaluations spanning health and safety, financial viability, sustainability and environmental, social, and governance (ESG) compliance, diversity and inclusion, cybersecurity, as well as workforce risk and liability. The Avetta One Risk modules provide clients with industry-leading capabilities for prequalifying suppliers against established safety standards. Module offerings include an expansive solution suite for all possible supply chain risk scenarios that an organization may face with regards to employee health and safety (EHS). By leveraging this platform, organizations can manage supplier safety compliance effectively, transform workplace safety training and education, and ensure the overall well-being of their workforce.

Learn how Avetta One can help you achieve all this. Schedule a call with one of our representatives today.

References

[i] **Source: A Safe and Healthy Working Environment;**
https://www.unglobalcompact.org/take-action/safety-andhealth

[ii] **Source: ILO: Global cost of work-related injuries and deaths totals almost $3 trillion;**
https://www.safetyandhealthmagazine.com/articles/16112-ilo-global-cost-of-work-related-injuries-and-deaths-totals-almost-3-trillion

About Avetta

The Avetta SaaS platform helps clients manage supply chain risk, and their suppliers, to become more qualified for jobs. We offer the world's largest supply chain risk management network for hiring clients in our network to manage supplier safety, sustainability, worker competency, and performance. We perform contractor prequalification and worker competency management across major industries, all over the globe, including construction, energy, facilities, high-tech, manufacturing, mining, and telecom.

For suppliers in our network, our audit and verification services help lower their safety incidents rate by 29%. As a result, about 50% of members find additional job opportunities within the first year of joining. In addition, our suppliers receive privileged access to the Avetta Marketplace, where dozens of partners offer special discounts for business services like insurance and work gear. Avetta serves more than 375 enterprise companies and over 130,000 suppliers across 130+ countries.