



Benchmark Your Safety Performance Using Data You Already Have

Newmetrix Benchmark Analytics identifies areas on which companies should focus to improve safety outcomes and save time. Our experience building predictive models has identified key metrics that consistently drive safety risk.

Fast, Powerful Safety Benchmarking Leveraging:

- 15 centuries (1,500 years) of anonymized project data, including observations, incidents and more
- 115 million construction AI tags applied to imagery

How it works

With the Newmetrix Benchmark Analytics offering, there's no need to build APIs or undergo complex, expensive integrations. The Newmetrix team will partner with you to identify the best way to aggregate data you already collect on incidents, timecards, observations, manpower logs and more. Newmetrix has pre-built integrations with systems like Procore, Autodesk and Oracle that can automatically extract critical data. Our Data Extraction Services team (aka, "The Data Commandos") will also work with your IT organization to collect data from your data warehouse or analytics (e.g., PowerBI) data environment.

Track Metrics That Matter

Our predictive analysis of 1,500 years of project data revealed new analytics that are highly correlated with better performing projects. The Benchmark Analytics offering applies these metrics to your company to provide a snapshot of how your projects compare to those of your peers. These new metrics of risk include the following:

Modified Incident Rate (MIR)

Unlike the traditional recordable incident rate (RIR), this includes all incidents, from near misses and property damage to fatalities. MRI acts as a leading indicator of risk, whereas RIR is a lagging indicator. It helps drive a healthy incident reporting culture and builds high-quality data for analytics.

Average Incident Severity (AIS)

Each of the seven types of incidents included in the MIR are assigned a severity value, and the more severe the incident, the higher the value. It is used in conjunction with MIR and measures the mix of incidents that are being reported.

Craft Observation Rate (COR)

COR is a measure of how many craft hours are worked per observation. It measures how engaged craft workers are in safety conversations.

Staff Observation Rate (SOR)

SOR calculates how many staff hours are worked per observation, and is used as a measure of how engaged a project's staff members are in safety conversations, placing an emphasis on increasing engagement.

Newmetrix's analysis suggests that projects that meet these benchmarks can:

- Reduce RIR by 30% or more
- Save time by focusing on the 20% of projects that have 80% of incidents
- Preserve profit by reducing losses and negotiating better insurance rates

What you get

The Benchmark Analytics offering delivers multiple ways for you to compare these key metrics against industry benchmarks to identify high-value opportunities to reduce risk, improve performance and drive accountability.

- **Reporting to summarize what's happening:** Our team writes and presents a benchmark report to key leadership that highlights how your firm compares to industry benchmarks and provides suggestions for improvement.
- **Dashboards for ongoing risk reduction:** PowerBI dashboards (in your environment or in ours) help the safety team know exactly where to focus each week to deploy your limited resources where they will make the most impact.
- **Observations and actions drive accountability:** Specific project actions can be delegated using Newmetrix' observation product (and/or observations in Procure or Autodesk).

Put your data to work for you! Call us today at (844) 382-7300.