

WHITE PAPER

# Workers' Comp Math Made Easy: Measuring the Effectiveness of Your Workers' Comp Program



When it comes to managing your workers' compensation program, understanding the numbers is crucial. However, many businesses find the topic overwhelming. That's why we've put together this guide to help you break it down and measure the effectiveness of your workers' comp program.



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### **The Loss Run:** A Quick Snapshot of Your Workers' Comp Costs

A <u>loss run</u> is a basic report that shows your total workers' comp claim history. Typically provided by your insurance company, this report details the number of open claims, the cost per claim, and the total expenses related to those claims.

But while the loss run provides a snapshot of what your <u>workers' comp</u> program is costing you, it doesn't offer the insights needed to improve safety or reduce claims. For that, you need to dig deeper.



# What You Should Be Looking For

To truly control your workers' comp expenses, you need to track specific data points. Here's what you should focus on:

- Injury Patterns: Are certain activities or equipment leading to more injuries?
- Response Time: How quickly are injuries being reported?
- **PPE Usage:** Are employees consistently using personal protective equipment (PPE)?
- Managerial Impact: Are some managers seeing higher injury rates in their teams?
- Injury Frequency in Specific Work Groups: Do certain departments or teams have a higher rate of injuries?
- Accident-to-Reporting Time: How long does it take for an injury to be reported after it occurs?
- Claims per Worker: How many claims are filed per worker over a given period?
- **Return-to-Work Success Rates:** How effective are your return-to-work programs in getting employees back to their duties?

By gathering this data, you can identify areas to focus health and safety improvements to reduce your workers' compensation costs. For instance, if you notice that injuries often involve a particular piece of equipment, you can implement targeted safety training or improve PPE availability.





## **Controlling Your Workers' Comp Expenses**

#### Controlling your workers' comp expenses starts with creating a safer work

**environment.** This can be achieved through several key strategies. Regular safety audits are essential for identifying potential hazards before they result in claims. By proactively spotting and addressing risks, you can prevent accidents and reduce the likelihood of costly claims.

Another important strategy is offering targeted training programs that address the specific risks your employees face. Tailoring training to the unique challenges of your workplace ensures that employees are better equipped to avoid injuries. Additionally, establishing and enforcing strict near miss and injury and illness reporting protocols is crucial. Encouraging prompt reporting not only ensures that employees receive timely intervention but also leads to more accurate data collection, which is vital for managing your workers' comp program effectively.

Beyond these internal measures, it's also beneficial to collaborate with your insurance provider for detailed analyses. Many insurers offer <u>loss control services</u>, providing deeper insights into your data and suggesting strategies to reduce costs. By combining proactive safety measures with expert analysis, you can significantly lower your workers' comp expenses while fostering a safer, more productive workplace.

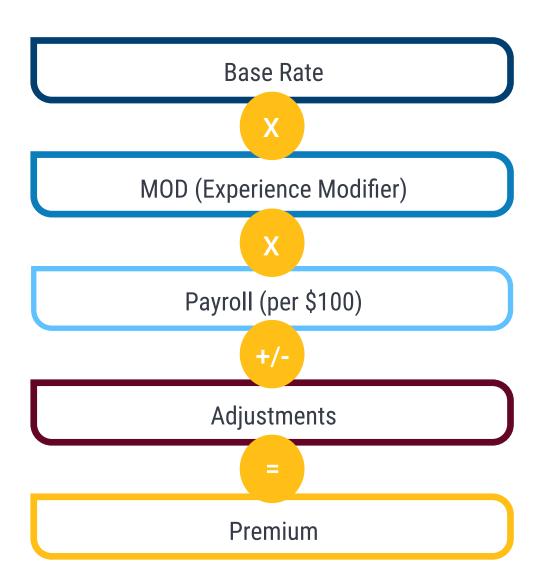


Controlling your workers' comp expenses starts with creating a safer work environment.



## How Are Workers Compensation Insurance Premiums Calculated?

Understanding how your workers' compensation insurance premiums are calculated is essential for managing costs effectively. If your company is fully insured for worker's compensation (vs. self-insured or part of a state-run program), the below calculation applies to you. The calculation involves several key components, each of which plays a critical role in determining your overall premium. Here's a breakdown of the formula:





The **Base Rate** is set by your insurance provider and is determined by the type of work your employees perform. Different industries and job roles carry different levels of risk, and the base rate reflects this. For example, a construction company may have a higher base rate than an office-based business due to the increased risk of injury on a construction site.

The **Experience Modifier (MOD)** is a crucial factor that adjusts your premium based on your company's claims history compared to others in your industry. If your claims history is better than average, your MOD will be less than 1.0, which reduces your premium. Conversely, if your claims history is worse than average, your MOD will be higher, increasing your premium. This modifier incentivizes companies to maintain a safe work environment to keep claims low and control costs.

**Payroll** is also a significant part of the equation, as your premium is directly linked to the size of your payroll. The calculation typically considers payroll per \$100, meaning that as your payroll increases, so does your premium. This component ensures that your insurance costs are proportionate to the number of employees you have and the overall risk they represent.

Finally, **Adjustments** can be added or subtracted from your premium based on various factors, such as scheduled credits or debits for implementing safety programs, changes in state regulations, or other specific considerations by your insurer. These adjustments can either lower or raise your final premium, depending on the specifics of your policy and risk management practices.



By understanding each component of this formula, you can better manage your workers' compensation costs. Maintaining a safe workplace to improve your MOD, accurately reporting payroll, and taking advantage of any available credits or adjustments can all help in reducing your insurance premiums.

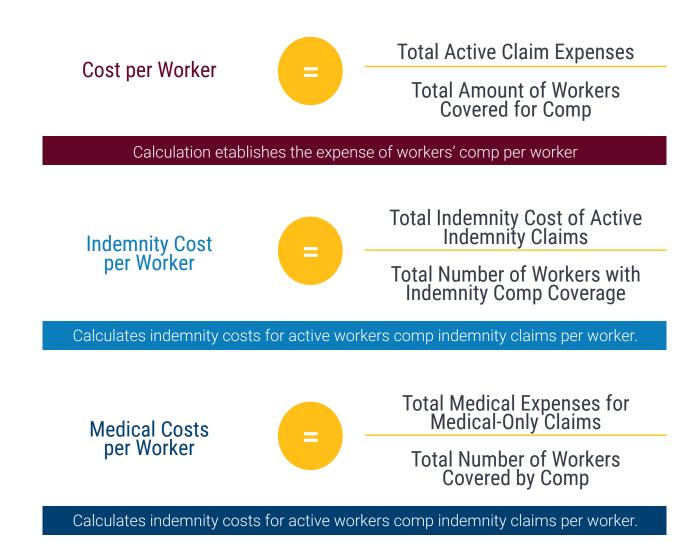


# **Key Metrics to Track**

Understanding the right metrics is essential for measuring your program's success. Here are some of the most important ones:

### **Cost Per Worker**

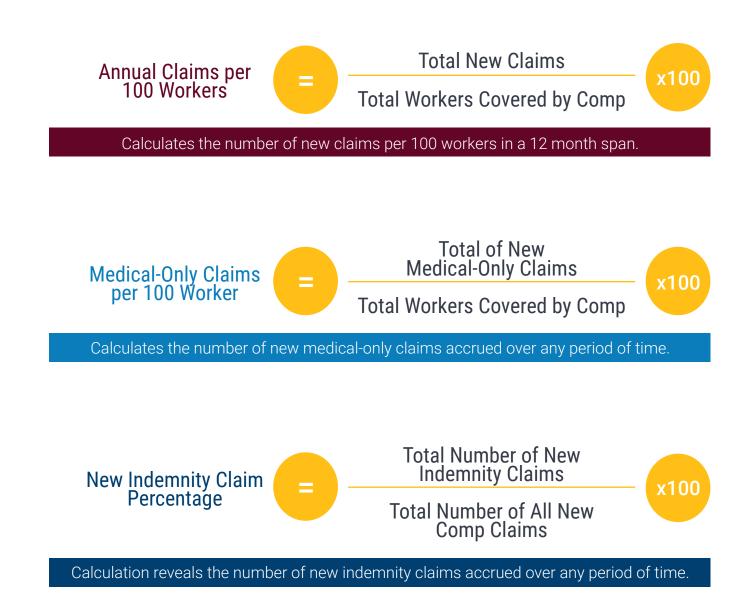
The Cost Per Worker metric calculates the average workers' compensation expense per employee, giving you a clear understanding of how much your program is costing on a per-person basis. By tracking this metric over time, you can spot trends and identify areas where costs may be rising unexpectedly. If you see an increase, it might suggest the need for enhanced safety measures or a review of your overall compensation strategy.





### **Claim Incidence Metrics**

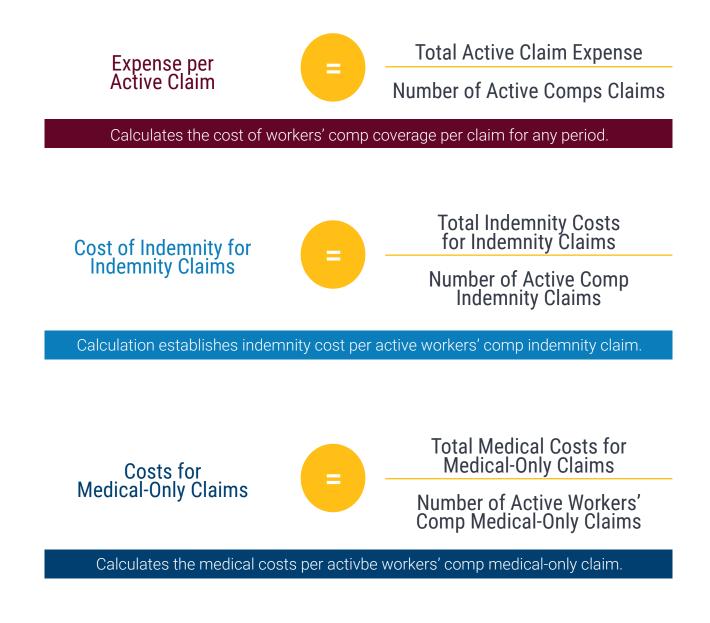
Claim Incidence Metrics track the frequency of workers' compensation claims, offering insight into how often injuries occur within your workforce. Monitoring the number of claims per 100 workers helps you understand potential safety issues and identify patterns that could point to underlying problems. If you notice an uptick in claims, it may indicate the need for targeted safety training or workplace improvements.





### **Expense Per Active Claim**

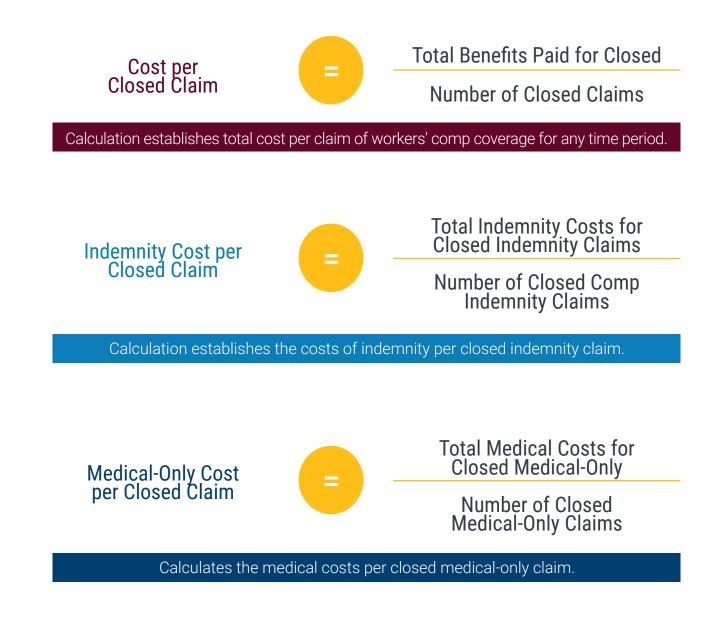
The Expense Per Active Claim metric shows the ongoing cost of each open claim, providing a snapshot of the financial impact as claims progress. Tracking this metric helps you monitor the financial burden of active claims and can alert you to spikes in costs. If certain claims are becoming more expensive, it might signal the need for deeper investigation or more effective intervention strategies.





### **Cost Per Closed Claim Metrics**

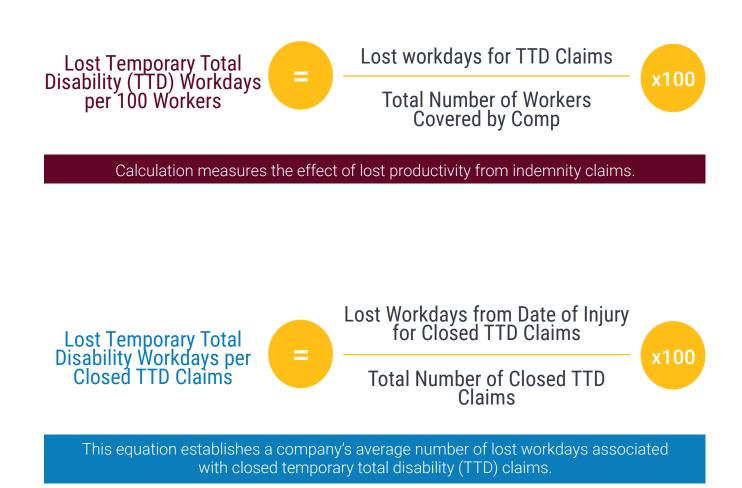
The Cost Per Closed Claim metric reveals the total expenses of resolved claims, providing a clear picture of the financial impact each claim has on your business. By tracking this metric over time, you can identify what's driving costs and evaluate how efficiently your claims are being managed. If you notice that claims are taking longer to close or becoming more costly, it might indicate the need for better claims management practices or more effective negotiations with medical providers.





### **Lost Time Metrics**

Lost Time Metrics measure the amount of productivity lost due to work-related injuries, offering a clear view of how injuries impact your workforce's efficiency. Tracking lost workdays helps you understand the broader effects of injuries on your business operations. If lost time is increasing, it may highlight the need for improved safety protocols or more effective injury prevention measures.





#### **Return-to-Work Metrics**

Return-to-Work (RTW) Metrics assess the effectiveness of your RTW programs, which are crucial for minimizing lost productivity after an injury. These metrics provide insight into how well your programs are helping employees return to their duties, even if on a modified basis. If RTW success rates are lower than expected, it might indicate the need to enhance your RTW strategies to better support employees during their recovery.



Total Number of Claims with RTW Duty

Number of Total Active Claims

Calculation establishes the percentage of all claims with return-to-work transitional duty for any period of time.

#### Return-to-Work Transitional Workdays Percentage



Total Number of Workdays with RTW Duty

Number of Total Lost Workdays

Calculation establishes the percentage of workdays lost due to return-to-work transition duty for any time period.



## The Bigger Picture: Safety Equals Savings

With successful management of workers' compensation, both Human Resources (HR) and Environmental Health and Safety (EHS) professionals play key roles. HR typically handles claims administration, ensuring compliance with legal requirements, and supporting employees through the recovery process. EHS, on the other hand, focuses on accident prevention by implementing safety measures and reducing workplace hazards.

For workers' comp to be effective, these teams must collaborate closely. **Regular communication between HR and EHS ensures that safety protocols are informed by claims data and that injured workers receive the support they need to return to work safely and quickly.** Working together, they create a safer, more efficient workplace.

By focusing on safety, you not only protect your employees but also reduce the frequency and severity of claims, leading to lower insurance premiums and overall costs. Remember, by collecting and analyzing meaningful data, you are in a better position to make informed decisions that will benefit your business in the long run.

Managing a workers' comp program can seem daunting, but by breaking it down into manageable steps and focusing on key metrics, you can take control of your costs and improve workplace safety. **Keep gathering data, stay proactive with safety measures, and don't hesitate to seek help from your insurance provider when needed.** By taking these steps, you can ensure that your workers' comp program supports a safer, more productive workplace.

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