

What Is A TRIR And How Does It Affect My ISNetworld Account?

What is a TRIR? TRIR stands for "Total Recordable Incident Rate." It is a mathematical computation that takes into account how many OSHA recordable incidents your company has per number of hours worked and this number can determine your company's fate in ISNetworld. Here is the TRIR formula:

$$\text{TRIR} = \frac{(\text{Number of OSHA recordable incidents}) \times 200,000}{(\text{Total number of hours worked.})}$$

[\(Do you need a TRIR calculation? Click here to use our TRIR calculator.\)](#)

A perfect TRIR score is zero, which means that you had no OSHA recordable incidents. The higher your TRIR number the more likely that your company will lose points in ISNetworld and chances are your grade will suffer. If your TRIR gets too high, some companies won't let you work for them at all.

Your clients in ISNetworld will take your TRIR score and compare it against the industry average TRIR, for your line of work. If your number is below the industry average, your company will be considered "safety conscious" and your ISNetworld will grade will reflect that in a positive manner. If your TRIR is above the industry average, unfortunately your company will be viewed as unsafe and your score in ISNetworld will suffer.

For larger companies with lots of employees, using the TRIR as a key component in grading isn't as detrimental as it can be for a smaller company. If you are a small company you really need to be extra careful and make sure that you don't have even a single OSHA recordable

incident. Even one OSHA recordable can put your TRIR above the industry average.

Here is an example. Suppose your company has two employees, yourself and a partner. Suppose your partner cuts his finger while on the job and has to get three stitches. This would be an OSHA recordable incident and you would be required to put this on your OSHA log. So what would your TRIR be for the year?

Your TRIR = $\frac{(1 \text{ OSHA recordable incident}) \times (200,000)}{4160 \text{ total hours worked (full time employment for two people for a year)}}$

Your TRIR for the year would be 48. This is sky high. The industry average for most companies working in the oil and gas field is 3 or 4. Some clients in ISNetworld also grade on a three year average TRIR. Suppose we continue using the example above and your company didn't have a single recordable incidents in the past two years. This one OSHA recordable incident will cause your three year average to equal 16 which is also far above the industry average.

The bottom line is, that if you run a small company, it is extremely important to be very safety conscious. Even a single OSHA recordable incident can cause your TRIR to go well above the industry average and in extreme cases, cause your company to be banned from certain facilities. If you have any specific questions about the TRIR and how it may be affecting your grade in ISNetworld, please feel free to call or email me any time.

Sincerely,

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Do want to learn more about TRIR (Total Recordable Incident Rates?) Check out these resources:

- [Bureau of Labor Statistics - "How To Compute a Firm's Incidence Rate for Safety Management"](#)
- [OSHA Forms for Recording Work-Related Injuries and Illnesses \(300 and 300A, with instructions\)](#)