

What is Improving Exposure Judgements (IEJ)?

Improving Exposure Judgements (IEJ) is the systematic and structured approach to collecting and analyzing workplace exposure data for accurate, ethical, and transparent decision making and exposure management. IEJ focuses on the combined use of professional judgement and established statistical methods and tools to understand and manage workplace exposures and their risks, and improve associated communication.

What value does IEJ bring to an IH/OH program or consulting project?

- More dimensions: IEJ allows experienced industrial hygienists to provide better context to existing data by determining how completely we understand the exposures.
- Better decisions: IEJ establishes an objective decision criterion to determine if exposures are in control, even during times when we're not monitoring.
- Shorter cycle: Expressions of confidence quickly show progress after control changes, helping direct iterative improvements.

Will IEJ save money?

IEJ pulls more information and value out of each measurement:

- Completeness: Objective exposure evaluation criteria identifies when you have enough confidence to adjust monitoring frequency. Prioritize measurements that matter.
- Transparency: Simple graphics tell a visual story for each dataset, even over multiple monitoring events. Spend less time writing or reading technical reports when the results are clear.
- Standardization: Methods and understanding between multiple operations, vendors, or programs. Speak the same language without getting lost in details.
- Assurance: Confidence that resources are spent on needed controls and not wasted on controls that are not necessary.

You value certainty in your operations, and you should demand it from your exposure data. In the hands of an experienced industrial hygienist, IEJ can save you money by allowing you to quickly determine which exposures need additional controls the most, which exposures can be managed together, and when your exposure dataset is sufficient to focus on other priorities. Fewer surprises from your data mean fewer unexpected costs, especially when defending your industrial hygiene program.

How do I get started with IEJ?

- Training: Complete free IEJ training available from AIHA
- Peers: Look for opportunities to discuss IEJ tools with other OEHS and IH/OH professionals
- Workflows: Incorporate free IEJ tools into your professional practice workflows
- Stakeholders: Explain IEJ terms, concepts, and how IEJ approaches add value
- Organizations: Build IEJ into your IH management systems, programs and standards
- Consultants: Routinely include IEJ methods and results in exposure assessment projects

[IEJ tools, education, and certifications are free to use.](#)

