

Activating Data Science to Elevate Public Safety Outcomes



Benchmark Risk Solutions®



We Help Risk Pools and Their Public Safety Members Improve Outcomes

What if you could reduce law enforcement loss costs by up to 60%?

Benchmark Analytics® has a proven methodology to make it happen.

Benchmark was founded on a mission to help leaders elevate public safety in America through applied Data Science. We understand the critical need for a **novel approach** to help agency and municipal leaders navigate today's changing landscape — which may be the most consequential period in American law enforcement history.

Our innovative solution **harnesses advanced data analytics and deep law enforcement expertise** to help pools and their members measurably improve the well-being and safety of officers, agencies and the communities they serve.



Benchmark Risk Solutions® helps risk pools advance to more evidence-based public safety risk management so that:

You can predict

the likelihood of future claims and the key contributing factors for each pool member.

You can identify

and statistically measure the effectiveness of loss control practices.

You can deploy

a compelling model proven to inspire engagement and adoption.

iMPACT® Enables Risk Managers to Create a Tailored Risk Plan for Each Member

Benchmark has developed a groundbreaking program for insurance risk pools and their law enforcement members created to address primary areas of risk in policing:

Liability

Workers
Comp

Auto

Our Common Goal

Reduce the frequency, severity and overall loss costs of your law enforcement claims up to 60% — by developing a risk-reduction plan for every member agency in your pool. **iMPACT®** is a proven, evidence-based program for significantly decreasing risk pool cost strains and the financial burdens on municipal budgets.

And for the greater good, our advanced solution identifies best-in-class peer agency practices statistically shown to keep officers healthier and out of harm's way — a winning proposition for all stakeholders.

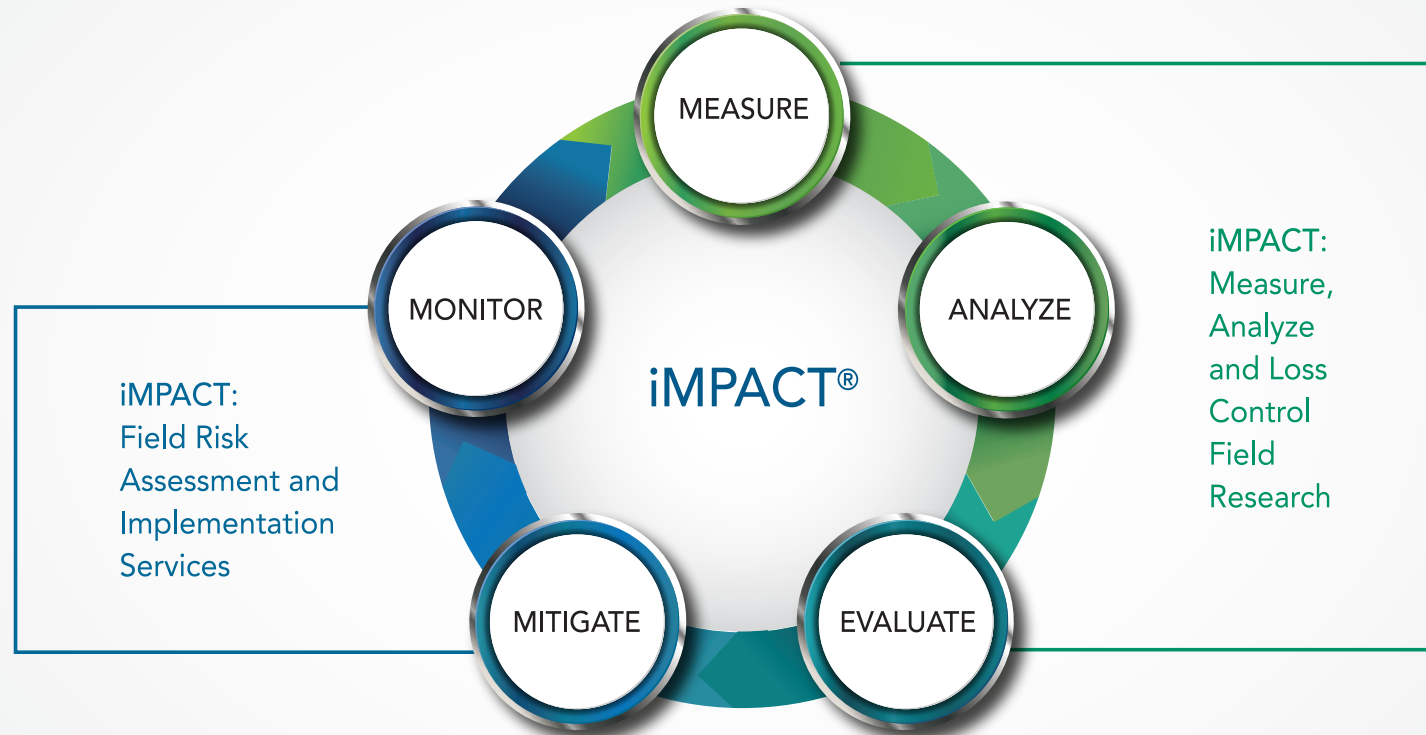
How We Collaborate

A Benchmark data science team is assigned to work in a close, collegial relationship with your data analytic and public safety experts to tune our AI/ML-based predictive risk models to your unique pool's claims experience. Tuned risk models are then deployed on a self-service risk visualization platform that enables both technical and non-technical risk managers to understand key risk factors and trends, and identify evidence-based practices proven to mitigate these risks.

Our team draws upon the world's largest longitudinal, multi-jurisdiction database on police officer performance with over 20 million records and a research consortium led by our partner, the **University of Chicago** — providing cutting-edge analytic capabilities and sophisticated predictive modeling expertise to facilitate our work together.

iMPACT by Benchmark — Data Science-Driven Risk Management for Pools

The **iMPACT** program adapts the best-practice risk management frameworks published by leading organizations' Risk Management and Quality Improvement standards. Magic happens when our program combines Benchmark's public safety expertise, research consortium analytics and data science capabilities with a risk pool's loss control programs, historical database and member subject matter proficiency.



How iMPACT Works

The **iMPACT** solution consists of a modular set of capabilities – provided by Benchmark as well as key risk pool and stakeholder resources – working in concert to deliver effective risk management cycles with member agencies. Key steps include:



MEASURE & ANALYZE

This step is about developing a clear charter with objectives for the program to be implemented. Here, we collectively establish a complete, forward-looking set of predictive risk models for the public safety risks facing each pool member — and maintain that understanding over time.



EVALUATE

This step engages a pool's member agencies to “ground truth” the unique risk profile of each municipal member and agency. Through this process, **iMPACT** becomes a force-multiplier for a pool's public safety experts as they engage stakeholders to understand the context of their community and assess the agency's key risk factors.

iMPACT includes a growing portfolio of evidence-based practices that public safety leaders and experts can consider to address key risk factors such as *officer or command staff turnover, supporting calls involving persons in mental health crisis, officer mental and physical health and many others.*



MITIGATE & MONITOR

- Determine agency risk score for each line of coverage, then set goals to address key risks within the next year.
- Select loss control interventions that are most appropriate to that member's risk factors from a growing list of proven evidence-based practices provided by **iMPACT**.
- Implement the plan by partnering with member stakeholders to identify and mutually agree upon a course of action. Confirm plan, resourcing, milestones and next steps.
- Capture data and provide feedback on process effectiveness to help inform the next iteration of the repeatable **iMPACT** risk management process.

Helping Each Pool Member Reduce Risk

Simply stated, the **iMPACT** program enables a pool's loss control team to help each pool member identify and create a plan of action to address their most pressing risks for each line of coverage. This approach enables each member, and therefore the entire risk pool, to **reduce loss costs up to 60%**.



Partnering with Pools and Public Safety Leaders to Make a Powerful Difference

In our extensive field research, we find a recurrent theme: many police agencies are overwhelmed and struggling. The human benefit of the **iMPACT** program to a pool and its members is massive.

Together we will help our public safety partners survive, and thrive, to overcome the risks and challenges they face today . . . including officer mental and physical health, officer retention and vacancies, lower candidate pool/quality, higher leadership turnover, increasing regulatory oversight/public non-compliance — and more.

Fortunately, our field work validates that most Police Chiefs, Sheriffs and Municipal Leaders are enthusiastic advocates of our novel, research-driven approach — and believe this work is critical to their future success and well-being.





The Pooling Community's Applied Data Science Partner

For more information:

Email request to info@benchmarkanalytics.com

To set up a meeting and system demo:

Call 888-40BENCH today — and visit us at

www.benchmarkanalytics.com