

Social risk data is a financial lever

Operationalize social determinants of health (SDOH) data to achieve measurable performance improvement

Healthcare organizations have always understood that social risk impacts outcomes. What has been missing is the ability to quantify that impact and act on it confidently.

Today, social risk is no longer a “soft” variable. It is a clear financial signal that explains cost variation, utilization patterns, and quality performance gaps.

High spend, low visibility, and limited impact

Members with similar clinical profiles often experience dramatically different costs and outcomes. The difference isn’t clinical — it’s social. Unaddressed social risk factors such as food insecurity, housing instability, transportation barriers, limited health literacy, and lack of digital access quietly drive variation in utilization, adherence, and overall performance. The result: Millions in avoidable clinical spend tied directly to unmet social needs.

Traditional social risk management falls short because:

- Data is fragmented and difficult to trust or act on
- Interventions are broad and lack precision
- ROI measurement occurs after capital is spent

When these risks go unidentified:

- Avoidable utilization rises
- Quality performance declines
- Clinical and medication adherence decreases
- Total cost of care escalates

From social insight to financial impact

MedeAnalytics’ [Social Risk Insights Measures & Outcomes](#) transforms traditional social risk management through an integrated methodology that applies actuarial rigor and pro forma ROI modeling and validation to social risk initiatives.

Blending the core strengths of **MedeAnalytics**, **Socially Determined**, and **Mathematica**, Social Risk Insights Measures & Outcomes turns social risk from abstract insight into financial strategy.



MedeAnalytics®

Clinical and claims data integration



SOCIALLY DETERMINED

Social risk scoring and analytics



Mathematica®
Progress Together

Independent actuarial validation

This unique, closed-loop methodology replaces guesswork with measurable, defensible performance improvement, enabling organizations to:

1 Identify high-risk individuals: Individual-level social risk scoring reveals cost drivers that claims data alone cannot identify.

2 Integrate social risk with medical and pharmacy data: Health Fabric™ unifies claims, pharmacy, and SDOH data to stratify populations and identify high-risk cohorts.

3 Model targeted interventions: Targeted programs are designed and simulated for high-risk cohorts, with actuarial modeling validating projected ROI.

4 Validate and measure outcomes: Dashboards track engagement and adherence, while independent actuarial review validates short- and long-term impact.

Client proof point: Commercial health plan

Across a commercial population of approximately 450,000 members, social risk stratification identified five high-risk cohorts not detectable through claims data alone. Analysis determined that addressing social risks across these five cohorts could generate up to **\$25M in savings** and a projected **3:1 ROI** when interventions target specific social cost drivers.

Key findings:

- Significant per-member-per-month cost differential among members with elevated social risk
- Stacked social risks compound cost, driving approximately 25% higher total cost of care
- Incremental cost concentrated within identifiable high-risk cohorts
- A high-risk cohort of 5,000 pregnant women with stacked risks represents \$5.4M in avoidable cost savings, with an additional \$1.2M in savings potential from targeted food and housing supports

Start turning social risk insights into financial strategy

Social risk is not a secondary quality initiative. It is a measurable predictor of cost, utilization, and performance. MedeAnalytics enables you to identify hidden cost drivers, prioritize high-risk cohorts, and act with confidence using a proven, data-driven approach.

[Talk to our team](#)

