



Jvion's CORE™ Enabled Social Determinants of Health Suite



Identify and Address the SDOH Factors that Correlate to Health Outcomes

Jvion offers healthcare organizations the opportunity to use its mature and proprietary AI environment to take action on clinical and non-clinical risk factors facing communities and individual patients. Through the aggregation and analysis of socioeconomic, behavioral, environmental and other data elements, payers and providers can inform outreach, engagement, and clinical strategies based on the SDOH risk factors influencing risk trajectories and adverse outcomes across their populations and communities.

Our Social Determinants of Health Suite is powered by our prescriptive clinical AI foundation, CORE. Built on Microsoft Azure, the CORE is secure and scalable. It aggregates structured and unstructured data, augments customer information with clinical, socioeconomic, and experiential data from more than 35 million patient care journeys and applies sophisticated algorithms to find correlations and inferences that matter.

The CORE identifies patients at risk of experiencing an avoidable bad outcome, as well as those on an accelerated but modifiable path to becoming high-risk. Armed with this information, Jvion's customers can inform investments at the community and individual level, and provide clinicians and care teams with prioritized next steps that will result in reduced costs, better health outcomes, and appropriate utilization of healthcare services and programs.

Jvion's SDOH suite contains three modules that customers can choose from to scale their efforts. View SDOH insights at the community level, see the SDOH barriers impacting specific patients using basic patient registry data, or add clinical data to understand how SDOH and clinical factors, combined, drive risk and vulnerability for adverse outcomes.

What Jvion's SDOH Solution Means for Population Health:

- Understand communities in terms of the impact that social determinants have on individuals
- Gain prescriptive guidance to address the most important social determinants for each patient
- Align resources and programs more effectively to maximize patient engagement
- Measure a return on investment based on individual-level impacts and by comparing observed with expected utilization rates
- Improve outreach efforts with insights that drive relevant conversations with patients



Clinical AI that prevents avoidable patient harm

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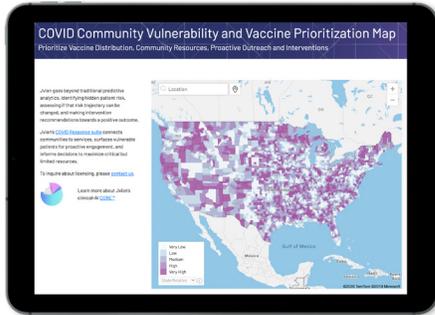
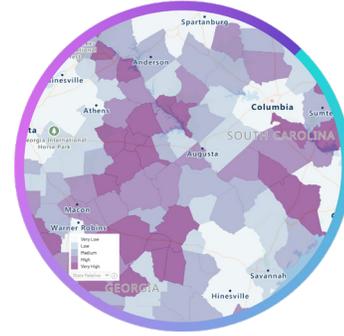
To learn more call
(470) 427-2900
or visit [jvion.com](https://www.jvion.com)



CORE + Publicly Available Data

Understand the SDOH risk factors driving avoidable costs and utilization across your patient communities

Combine the Jvion CORE with publicly available data to identify vulnerable communities—down to the Census block group level—and the SDOH factors driving high healthcare costs and avoidable utilization.



Customers receive:

- CSV files containing data for all of the counties, Census block groups, risk levels, and risk factors for the selected region(s).
- GeoJSON files at the county level and Census block group level that are ready to be used by most mapping software packages.

CORE + Patient Registry

Contextualize SDOH risk factors and their modifiable influence on individual patient outcomes

Dialing in from the community to the individual, the CORE can identify the SDOH needs specific to individual patients—using only patient registry data. Go beyond public data with insights on patients’ digital fluency, purchasing preferences, social isolation and more. By learning to recognize patterns in the relationships between risk factors and the outcomes of millions of patients, Jvion’s AI CORE can determine the relative influence of specific social determinants on health risk factors. For each individual, it identifies the five most influential factors that can be modified.

Empower your staff to more effectively engage each patient with a comprehensive understanding of potential barriers to care and match patients to social, hospital, or payer-sponsored programs that address their needs and change their risk trajectories.

Customers receive:

- Vulnerability Ranking
- Top 5 Drivers of Social Vulnerability



Real insights:

A recent Jvion analysis found that 95.9% of the variation in Medicaid costs per member per month (PMPM) in Oklahoma is attributable to socioeconomic factors. The same analysis identified that, through partnerships with food banks, Oklahoma Medicaid could save \$10M by targeting food insecurity, a driving risk factor.



MRN	First Name	Last Name	Vulnerability Percentile	Driver 1	Driver 2	Driver 3	Driver 4	Driver 5
12345	Susan	Smith	67.3	Short residence length	Education likely includes some college	Above average particulate matter contributing to air quality	Likely to be digitally fluent	Lack of other adults in household

CORE + Clinical Data

Combine clinical and SDOH data for a complete view of modifiable risk

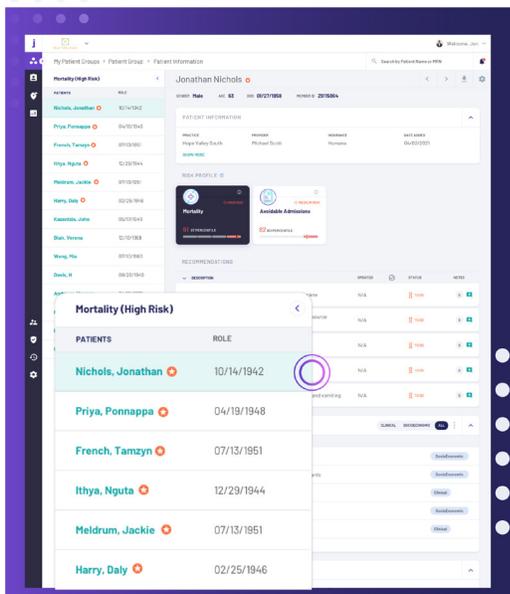
The CORE becomes even more powerful when SDOH data is combined with clinical data from claims or ADT feeds. The Jvion CORE seamlessly augments a customer's data feeds with Jvion's proprietary sources to build a full risk profile for each individual patient. This includes surfacing the clinical and socioeconomic risk factors that can be modified to change the patient's risk trajectory. Prioritized, evidence-based clinical guidance is provided based on what is most impactful for each patient to drive better health, cost savings, and care efficacy.

Data only has value if you know what to do with it.

For instance, take a person's address. At a glance, it may have relevance as a possible indication of economic status or proximity to services. However, what if you knew that just because of where they live, that individual's risk of sepsis is six times higher than someone living two blocks away, or their risk of readmission is 10 times higher? What should you do with this knowledge? The answer to these questions is the difference between information and impact, and the difference between Jvion and other vendors.

By integrating clinical data with socioeconomic data with Jvion's clinical AI, payers and providers can:

- Predict and proactively manage inappropriate utilization
- Guide patients to the most appropriate care setting (e.g., telehealth, ambulatory care, etc.)
- Surface the clinical and non-clinical risk factors that, if addressed, are most likely to have the greatest impact
- Develop effective care management and outreach strategies
- Reduce revenue loss



The Difference is the Jvion CORE

- Considers 4,500 Data Points per Patient
- Insights Based on 35 Million Patient Care Journeys
- Average 20-30% Reduction in Avoidable Utilization

About Jvion

Clinical AI that moves you from predictive to prescriptive intelligence.

Jvion helps healthcare organizations prevent avoidable patient harm, lower costs, and improve quality and patient outcomes with AI-enabled prescriptive analytics solutions. Jvion goes beyond simple predictive analytics and machine learning to identify patients on a trajectory to becoming high risk and for whom interventions will likely be successful. Jvion determines the interventions that will most effectively reduce risk and enable clinical action. It accelerates time to value by leveraging established patient-level intelligence to drive engagement across hospitals, populations, and patients.