

Measuring Social Risk

Vizient® is bridging data gaps with the development of the patent pending Vizient Vulnerability Index™ to support hospitals' health equity efforts and improve community health.

The Vizient Vulnerability Index is the only social needs index to*:

- Align to **differences in life expectancy** with 43 components in nine **community social determinants of health (SDOH)** domains.
- Use proprietary **geospatial adjustments** to adapt to the local relevance of each domain as it correlates with life expectancy.
- Allow for data granularity at the **ZIP code** and **census tract** levels.
- Validate against **healthcare outcomes metrics** available in the Vizient Clinical Data Base, including chronic disease prevalence, maternal health, hospital readmissions and access to preventative care.

A unique social needs index that serves as a singular source of clinical data at the neighborhood level

The **Vizient Vulnerability Index** integrates publicly available social determinants of health (SDOH) data from various U.S. government agencies, including the Census Bureau, Department of Agriculture, Environmental Protection Agency, and Department of Housing and Urban Development to provide deeper insights regarding community needs.

When paired with **Vizient Clinical Data Base** insights, the Vizient Vulnerability Index can:

- Characterize patients' social needs by identifying key SDOH factors driving vulnerabilities within the community.
- Provide insights about community vulnerability and patient outcomes that could drive potential interventions within a health system. For example, lack of transportation and food deserts are associated with specific risks including lack of primary care access and poor health outcomes.
- Contribute to a patient-centered, longitudinal approach to outcomes that extends beyond the inpatient acute-care focus.
- Identify peer hospitals in communities with similar SDOH challenges and those that have developed effective interventions or best practices.

Vizient Vulnerability Index fills critical gaps

A variety of public indexes exist to provide insights about individual SDOH, but none offer a holistic view at the local level. The Vizient Vulnerability Index closes this gap by leveraging insights from a range of public data about nine **SDOH domains** at the neighborhood level. To make sure a community's vulnerability is estimated correctly, the index is tuned to life expectancy and tested against a variety of Vizient Clinical Data Base metrics.

Equipped with this level of insight, providers can see beyond their walls, gain a deeper understanding of their neighborhoods and begin to transform the health of their communities before a patient walks through the door.

*As compared to **leading indexes**, including the Area Deprivation Index, Distressed Communities Index, Social Vulnerability Index, Intercity Hardship Index, Child Opportunity Index and Agency for Healthcare Research and Quality Socioeconomic Status Index.



To learn more, contact healthequity@vizientinc.com.

Vizient, Inc. provides solutions and services that improve the delivery of high-value care by aligning cost, quality and market performance for more than half of the nation's healthcare providers. Vizient provides expertise, analytics, advisory services, and a contract portfolio representing more than \$130 billion in annual member purchasing volume, to improve patient outcomes and lower costs. www.vizientinc.com.