



(in)Sight Health Catalyst

Integrating New Data Sources to Enhance Veteran Suicide Prevention, Tackle Tough Public Health Challenges

Veteran suicide and other behavioral health issues are public health crises that require an integrated approach of local medical, community, and technological resources.

(in)Sight Health Catalyst, Guidehouse's integrated data solution, uses targeted interventions specific to the population at risk to provide a holistic understanding of factors contributing to Veteran suicide. The platform is uniquely positioned to take on the complexities of Veteran suicide prevention and provide stewardship for leaders across industries to ignite innovation and confront this challenge head on.

While early prevention is critical, it isn't always enough. In 2019, an average of 17 Veterans a day committed suicide. This crisis, affecting millions of our Veterans and their loved ones, demands an integrated solution that engages across sectors.

About Guidehouse Health

Guidehouse is a leading global provider of consulting services to the public sector and commercial markets, with broad capabilities in management, technology, and risk consulting. The company has more than 12,000 professionals in over 50 locations globally.

Ranked the third largest healthcare management consulting firm in 2021 by Modern Healthcare, Guidehouse Health helps hospitals and health systems, government agencies, life sciences and retail companies, and payers solve their most complex issues, overcome unique market challenges, and deliver innovative services to their communities and customers. With 12 KLAS #1 rankings, the Guidehouse Health team includes public sector and provider administrators, clinicians, scientists, and other experts with decades of strategy, funding, policy, revenue cycle, digital and retail health, managed care, and managed services experience. For more information, please visit www.guidehouse.com/healthcare.

Combating Veteran Suicide Through Intervention

(in)Sight Health Catalyst uses publicly available social media data to identify potentially imminent cases whereas Veterans need immediate suicide intervention support. This is accomplished through real-time online monitoring of Veterans expressing suicidal ideation or intent. The algorithm focuses on a user's self-identified Veteran-status and research-based tailoring of key terms and phrases related to suicidal expression or contemplation.

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Types of Data Used

Social media; Suicide notes; VA Veteran suicide data; Methodology literature review



Findings/Lessons Learned

Application of this methodology and approach has proven that Veterans are actively sharing their sentiments and personal emotions through public data channels, like social media. The future impact of this methodology has the power to reduce the number of Veteran suicides in the U.S. and actively engage with those who may need immediate intervention.

Addressing Other Public Health Issues

A secondary solution was developed utilizing (in)Sight Health Catalyst's proprietary algorithm and the expertise of our Guidehouse Health (In)Sights data team to create a robust, predictive analytics model. The solution assists local, state, and federal governments, as well as commercial health systems, to assess grants management and distribution by localized need and data patterns, tackle their toughest challenges in population health, and further grow health equity in the U.S. This expanded solution provides true insight into what people are saying locally to better understand how to improve the health of communities.

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