Introducing Arcadia for SDoH: Cohesive Data Drives Your Equity Strategy

Arcadia's SDoH solution improves health outcomes by streamlining the way you identify populations most in need of care.

Social determinants of health (SDoH) data are among the most critical tools a system can harness to manage risk, improve outcomes, and find financial success. Until now, the collection and storage of this data has been inconsistent at best. Providers capture these circumstances with varying levels of detail; census data is a broad, murky pool; predictive analytics necessitate valuable clinical time to interpret and act.

Arcadia's solution simplifies your equity initiatives. Our SDoH content unifies a single registry of patient-level insights, discretely categorized along 12 distinct SDoH domains.

Untangle and streamline complex SDoH metrics

- Better identify and record SDoH metrics within populations
- Justify your investment with quality data, ready to serve your quality initiatives, patient outcomes, and research
- Navigate and negotiate your payer contracts with confidence around benchmarks

Build a registry that improves patient outcomes

- SDoH assessments conducted at point of care, through the Arcadia platform
- Facilitate care management follow-up
- Mapping to SDoH occurs in the background
- Assessments are matched with ICD codes from claims and clinical data for a clear picture, then added to the registry
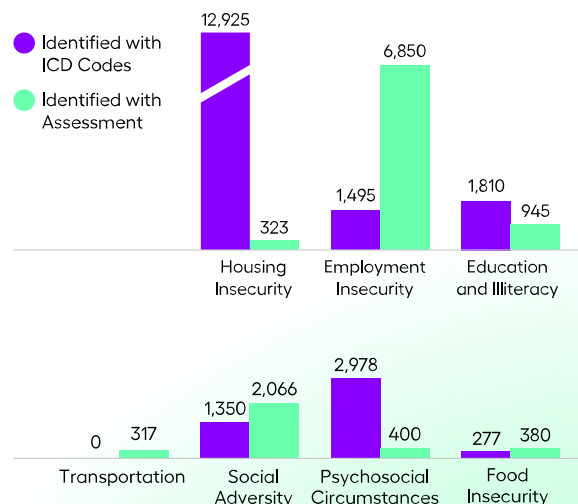
Identify patients who need extra resources to strengthen quality initiatives and improve outcomes from customizable patient- to population-level

- Understand what's happening with patients outside of the exam room
- Help patients surmount barriers to care and live healthier lives
- Demonstrate success in benchmarking and quality initiatives

Case study: Community Health Organization

- A not-for-profit health plan in the Pacific Northwest identified an additional 11,000 members with point-of-care assessments and ICD codes.

An Arcadia customer streamlined the initial stage of validation by funneling claims data and clinical assessment through Arcadia's platform to pinpoint SDoH-impacted patients. The next step would be to identify and validate the codes versus the assessment data.

Bar chart legend:
- Identified with ICD Codes (purple)
- Identified with Assessment (green)

Category	Identified with ICD Codes	Identified with Assessment
Housing Insecurity	12,925	323
Employment Insecurity	1,495	6,850
Education and Illiteracy	1,810	945
Transportation	0	317
Social Adversity	1,350	2,066
Psychosocial Circumstances	2,978	400
Food Insecurity	277	380

Improve patient outcomes and system efficiency

Pinpoint at-risk populations to develop healthcare interventions and decrease unnecessary provider workload. Arcadia's platform collates valuable SDoH insights on what's happening in a patient's life outside the waiting room, so you can give them the best care inside your own network. Recoup lost efficiency and the cost of late-stage interventions with an SDoH database that aggregates, unifies, and contextualizes, with frequent updates to reflect data in flux.

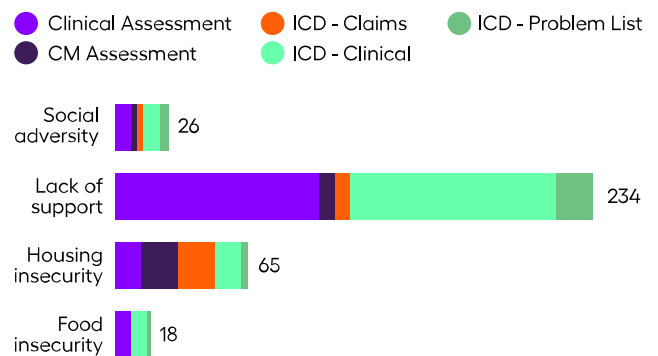## SDoH content layers into your existing Arcadia solution

Vista: Within our ever-expanding library of insights, SDoH-specific dashboards go macro, provide geographic population insights, filter for SDoH concepts, identify members with highest utilization costs, and surface patient level details with the ability to click through to charts

Foundry: This customizable analytic database provides a mapping output for patient-level SDoH detail, allowing customer analysts to conduct their own analyses or generate curated lists for providers. Segment views by business line, dive deep into specific concerns, and measure outcomes of SDoH-informed initiatives.

We surface the catalogued and indexed populations in need of services; your system innovates ways to deliver that care. Together, we turn challenging numbers into hopeful ones.

SDoH Members by Concern and Source
Members may be identified through multiple sources

- 🟣 Clinical Assessment
- 🟠 ICD - Claims
- 🟢 ICD - Problem List
- 🟪 CM Assessment
- 🟩 ICD - Clinical

Social adversity — 26
Lack of support — 234
Housing insecurity — 65
Food insecurity — 18

➜ Learn more about how we remove the guesswork from patient risk at **https://arcadia.io/products/act-on-insights/**

About Arcadia

Arcadia is dedicated to happier, healthier days for all. We transform diverse data into a unified fabric for health. Our platform delivers actionable insights for our customers to advance care and research, drive strategic growth, and achieve financial success. For more information, visit **arcadia.io.**

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