

Stack Level	As-Is	Comments
World	Increasing focus on population health and social determinants of health.	National and global healthcare trends emphasize addressing social factors influencing health.
Organization	ImprovingHealth, a non-profit healthcare organization.	Leadership is committed to addressing social determinants of health despite not being chosen for the CMS Accountable Health Communities Model.
Role	Clinical staff (physicians, administrative assistants) and senior director of informatics.	Physicians are currently responsible for screening, which is not an optimal use of their time and skills.
Function	Systematic screening for health-related social needs (HRSNs) of Medicare beneficiaries.	The process involves identifying HRSNs and connecting beneficiaries with appropriate resources.
Workflow	Screening is done on paper by physicians, data is manually entered into Excel by administrative staff. Results are emailed bi-monthly to central offices.	The workflow is inefficient, resulting in low screening completion rates. There is frustration among staff due to unclear roles and the perceived burden of the process.
Information System	Excel spreadsheets for data aggregation and reporting.	Lack of an integrated electronic system leads to inefficiencies and potential data errors.
Module	HRSN screening tool used in clinical settings.	The tool is currently a paper-based form, not integrated into electronic health records (EHRs).
DIKW	Data: Screening results; Information: Aggregated Excel reports; Knowledge: Identifying needs trends; Wisdom: Strategic decision-making.	The current system captures data but fails to efficiently transform it into actionable knowledge and wisdom.
Technology	Paper forms, Excel for data entry and reporting.	The technology is outdated and not suited for the scale and importance of the task.