



Vygor AI Wellness Solutions for Health Information Exchanges (HIEs)

- ✓ **Transform population data into actionable wellness.**
- ✓ **Strengthen sustainability with AI-powered engagement.**

| The Challenge for HIEs

Health Information Exchanges play a critical role in connecting care — yet they face significant challenges in demonstrating ROI, ensuring sustainability, and delivering value beyond data aggregation.

01

Fragmented Data, Limited Engagement

HIEs successfully consolidate medical data but often struggle to **translate it into actionable wellness insights** for providers, payers, and patients.



Only 45% of U.S. HIEs report consistent provider engagement or clinical use of exchanged data (ONC, 2024).

02

Funding and Sustainability Constraints

Many HIEs operate on **grant-based or per-member-per-month (PMPM)** models. Sustaining long-term operations requires new revenue streams and measurable outcomes that demonstrate value to payers, ACOs, and state agencies.



The Office of the National Coordinator (ONC) notes that long-term sustainability remains the top challenge for state and regional HIEs (2024 HIE Landscape Report).

03

Evolving Expectations from Stakeholders

Payers and public health entities increasingly expect HIEs to support **population health, preventive care, and social determinants of health (SDOH)** — not just data exchange.



The U.S. HIE market is projected to reach \$3.6 billion by 2030, growing at 9.3% CAGR, driven by demand for integrated analytics and patient engagement tools (Grand View Research, 2024).

| Why Partner with Vygor?

Vygor helps HIEs expand their mission beyond interoperability — delivering **AI-powered wellness engagement and analytics** that enhance sustainability, improve outcomes, and create new funding opportunities.

Extend Your Value Beyond Data Exchange

Turn raw clinical data into **personalized wellness insights** for participating providers, payers, and public health agencies.



Strengthen Member and Stakeholder Relationships

Enhance your value proposition with actionable analytics, risk stratification, and AI-driven population wellness tools.

Unlock New Funding and Revenue Streams

Position your HIE as a **public health innovation** platform, enabling grants, PMPM wellness programs, and payer-funded population management initiatives.



According to CMS, HIEs that support population health management can access value-based care incentive funds and 1115 Medicaid waivers (CMS Innovation Report, 2023).

The Future of Health Information Exchange:

From Data Connectivity to Health Intelligence


Vygor enables HIEs to transition from being data repositories to population health enablers — empowering prevention, engagement, and equitable outcomes.

Turn Data into Action

Vygor uses **AI and behavioral science** to transform EHR and claims data into personalized wellness recommendations for individuals and insights for communities.

Empower Population Wellness

Provide payers and providers with dashboards showing nutrition, exercise, and behavioral engagement metrics that correlate with improved outcomes and reduced costs.

 HIEs integrating patient engagement tools report a **20–30% improvement** in preventive service utilization (AHIMA Foundation, 2024).



AI Capabilities for HIE Partners

Population Health Analytics

- ✓ Aggregates engagement data to identify at-risk groups and target interventions.
- ✓ Provides dashboards for payers, ACOs, and state public health agencies.

AI Wellness Engine

- ✓ Uses HIE clinical and claims data to personalize meal, fitness, and habit plans for patients.
- ✓ Supports chronic disease prevention programs (e.g., diabetes, hypertension, obesity).

Public Health & Equity Reporting

- ✓ Enables SDOH and community health metrics to meet CDC and CMS reporting requirements.
- ✓ Supports grant applications and value-based payment models.


AI Integration API Architecture

- ✓ Embeddable within existing HIE portals or connected via secure FHIR APIs.
- ✓ HIPAA-compliant, SOC 2-ready, and interoperable with leading EHR and analytics systems.

Sustainability and ROI

Vygor helps HIEs achieve both mission impact and financial viability.

| Metric | Impact | Source |
|-----------------------------------|---|---------------------------|
| HIE sustainability | +30% improvement with analytics-driven population health models | ONC, 2024 |
| Preventive health engagement | +25% in wellness participation | AHIMA Foundation, 2024 |
| Public health funding eligibility | Expanded through CMS 1115 waiver and CDC Prevention grants | CMS, 2023 |
| Average ROI | \$3–\$6 per \$1 invested in wellness engagement | CDC / Harvard, 2010 |
| Market growth | HIE market projected at \$3.6B by 2030 (CAGR 9.3%) | Grand View Research, 2024 |

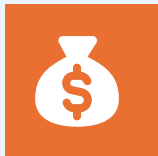
 Integrating AI wellness features into HIEs creates new pathways for funding, payer partnerships, and measurable public health outcomes.

Benefits for HIEs




Expand Mission Impact

Move beyond interoperability — deliver preventive wellness engagement and population health insights.



Achieve Financial Sustainability

Generate new revenue through PMPM wellness models, payer analytics services, and grants.




Demonstrate Measurable Value

Provide partners with actionable data that drives lower costs and better outcomes.



Advance Public Health Goals

Support SDOH, health equity, and preventive initiatives with real-time engagement data.



Integrate Seamlessly

Leverage Vygor’s FHIR and API-based architecture within your existing HIE environment.

Funding Opportunities Created by Vygor Integration


| Revenue Channel | Potential Source / Example | Potential Source / Example |
|-----------------------------|---|--|
| PMPM Wellness Analytics | Per-member-per-month wellness engagement fees charged to payers or ACOs | Payer-funded wellness or Medicaid managed care |
| Public Health Grants | AI engagement data used to support CDC/HRSA/1115 applications | State DOH, CDC Prevention Grants |
| Value-Based Care Incentives | Meeting outcome metrics for VBP contracts via wellness adherence | CMS, ACO REACH |
| Private Sector Partnerships | Corporate wellness analytics via participating employers | Employer wellness extensions through HIE |
| Patient Engagement Services | Subscription models for population wellness dashboards | Participating provider networks and employers |

Partner with Vygor

From interoperability to intelligence. From data exchange to wellness impact.

Partner with Vygor to transform your HIE into a sustainable, AI-powered engine for population health.

 **Contact us:** partners@vygor.health

 **Learn more:** www.vygor.health

References

1. Office of the National Coordinator for Health IT (ONC).

“2024 HIE Landscape and Sustainability Report.”

<https://www.healthit.gov/topic/interoperability>

2. Centers for Medicare & Medicaid Services (CMS).

“State Innovation Models and 1115 Waivers: Expanding HIE Support for Population Health.” 2023.

<https://innovation.cms.gov>

3. Grand View Research.

“Health Information Exchange Market Size, Share & Trends Report, 2024–2030.”

<https://www.grandviewresearch.com/industry-analysis/health-information-exchange-market>

4. AHIMA Foundation.

“Integrating Patient Engagement into Health Information Exchange.” 2024.

<https://www.ahimafoundation.org/research>

5. Centers for Disease Control and Prevention (CDC).

“Workplace Health Promotion and Chronic Disease Prevention.” Updated 2024.

<https://www.cdc.gov/workplacehealthpromotion/>

6. Baicker, Katherine; Cutler, David; and Song, Zirui.

“Workplace Wellness Programs Can Generate Savings.” Health Affairs, Vol. 29, No. 2 (2010): 304–311.

<https://www.healthaffairs.org/doi/10.1377/hlthaff.2009.0626>