Spring 2024



Healthcare Technology Market Update Subsector Deep Dive | Behavioral Health Technology



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Houlihan _okev

Houlihan Lokey, Inc. (NYSE:HLI) is a leading global investment bank with expertise in mergers and acquisitions, capital markets, financial restructuring, and financial and valuation advisory.

Our firm is the trusted advisor to more top decision-makers than any other independent global investment bank.

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Corporate Finance

Financial Restructuring

Financial and Valuation Advisory

Our Industry Coverage

Key Facts and Figures

Our Ranking by Service



Corporate Finance

2023 M&A Advisory Rankings

Houlihan Lokey

Rothschild & Co

Morgan Stanley

Excludes accounting firms and brokers

Leading Capital Markets Advisor

Houlihan Lokey Is a Global Firm

New York

São Paulo

San Francisco

Washington, D.C.

Source: LSEG (formerly Refinitiv).

No. 1 Global M&A Advisor

AMERICAS

Dallas

Miami

Houston

Los Angeles

Minneapolis

Atlanta

Boston

Baltimore

Charlotte

Chicago

JP Morgan

Goldman Sachs & Co

All Global Transactions

1

2

3

3

~2,000 Total Financial Professionals

Deals

352

349

300

300

253

310 +Managing Directors⁽¹⁾

Financial Restructuring

2023 Global Distressed Debt &

Houlihan Lokey

PJT Partners Inc.

Rothschild & Co

Evercore Partners

No. 1 Global Restructuring Advisor

More Than \$3.5 Trillion Collectively

1,700+ Transactions Completed Valued at

Source: LSEG (formerly Refinitiv)

Advisor

Lazard

1

2

3

4

5

Bankruptcy Restructuring Rankings

Clients Served Annually

Deals

73

64

51

37

27

2,000+

\$8.8B

Market Capitalization⁽²⁾

\$1.8B Revenue (3)

Financial and Valuation Advisory

1999 to 2023 Global M&A Fairness Advisory Rankings

	Advisor	Deals
1	Houlihan Lokey	1,247
2	JP Morgan	1,035
3	Duff & Phelps, A Kroll Business	977
4	UBS	884
5	Morgan Stanley	716

Source: LSEG (formerly Refinitiv). Announced or completed transactions.

No. 1 Global M&A Fairness Opinion Advisor Over the Past 25 Years

2,000+ Valuation Engagements

Companies sold to financial sponsors over the past five

Paris

Stockholm

Tel Aviv

Zurich

ASIA-PACIFIC

Beijing Fukuoka Gurugram Hong Kong SAR Sydney Tokyo

Houlihan Lokey

(1) As of December 31, 2023; excludes corporate MDs. (2) As of March 31, 2024. (3) LTM ended December 31, 2023.

London



1,100+

Amsterdam

Antwerp

Frankfurt

Dubai

EUROPE AND MIDDLE EAST

Madrid

Milan

Munich

Manchester

Sponsors covered, providing market insights and knowledge of buyer behavior

Mumbai Shanghai Singapore

Healthcare Technology and Behavioral Health Practices: **Global Reach and Deep Sector Expertise**

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HEALTHCARE PROVIDERS	HEALTHCA	PHARMA SERVICES —	
EHR and Practice Management Technology	Health Plans IT Employers IT		Clinical Trial Management
Governance, Risk, and Compliance	Acquisition and Enrollment	Benefits Administration Technology	Drug Commercialization
Patient Engagement and Payments	Value-Based Care Enablement	Care Management and Consumer Navigation	Development and Manufacturing
Post-Acute, Home-Based Care, and Care Coordination	Core Administration	Cost Containment and Payment Integrity	Laboratory and Diagnostics Services
Revenue Cycle Management	Rx Adherence and Access	Value-Based Care Enablement	Real-World Evidence and Data Analytics
Value-Based Care Enablement Wellness and Disease Specific Solutions		se Specific Solutions	R&D and Drug Discovery
	<u>.</u>		

Telehealth/Virtual Care/Remote Patient Monitoring

Data Insights and Analytics/Population Management

Behavioral Health Technology Case Study: Netalytics



HQ	Greer, SC
Founded	1995
Employees	80+
Closed Date	Oct 2023

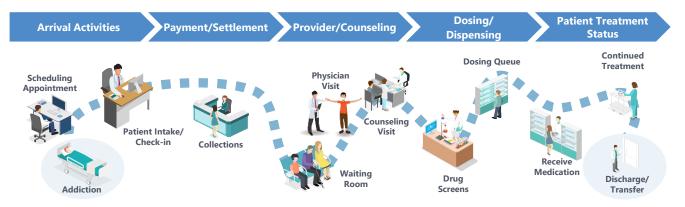


Company Overview

Netalytics is the leading provider of EMR, practice management software, and revenue cycle management solutions to the **substance use disorder** (SUD) market. Its end-to-end solution was purpose-built for SUD clinics, particularly Medication Assisted Treatment Centers, and is currently used by a loyal base of **380+ parent customers**, representing **1,100+ sites** and **340,000 annual patients**.

Netalytics sits **at the intersection of one of the top healthcare investment categories and public health priorities**: behavioral health technology and the opioid crisis.

End-to-End Enterprise Solution



Strategic Rationale

- Equips Netsmart with the best available software solution for opioid treatment program facilities
- Will allow Netsmart (and Netalytics) to better serve their multi-service enterprise clients with a unified EMR platform
- Meaningful revenue synergies from cross-selling opportunities, particularly into enterprise clients

Persistent Challenges Continue to Drive the Need for Healthcare Technology



Aging Population and Increased Prevalence of Chronic Conditions

The U.S. population is growing older (driven by higher life expectancy and lower population growth) and six in 10 adults are currently living with a chronic disease, creating the need for integrated, longer-term care solutions.

Increase in Healthcare Consumerism

Patients increasingly bear a higher proportion of healthcare financial and decision-making responsibility—the new transparency laws and engagement solutions allow them to make more informed decisions about their care.



Increasing healthcare costs are a major pressing concern for all stakeholders (payors, providers, and patients)—solutions that help bend the cost curve will continue to be in high demand, with clients focusing on those with proven ROI metrics.

Accelerating Shift to Value-Based Care (VBC) Models

The shift to VBC models is continuing to align the incentives of payors and providers to patient outcomes—this shift is creating a need for models that deliver comparable quality care at a lower cost than traditional settings

Pronounced Healthcare Workforce Shortage

Workforce shortage continues to be a concern across healthcare and was exacerbated by the COVID-19 pandemic—recent labor inflation has further compressed provider margins, increasing the need for staffing and productivity improvement technologies.

Advancement Rapid advanceme

Advancements in Technology Paved the Way for New Solutions

Rapid advancements in technology (e.g., mobile devices, generative AI, NLP tools, analytics tools) support a new wave of solutions within healthcare technology and continue to make these solutions more accessible.



Rapidly Evolving Regulatory Environment

U.S. healthcare regulations are highly complex and continue to adapt to latest macro factors, increasing the need for technology solutions that can help payors and providers maintain compliance.

Challenges Are More Acute in Behavioral Health

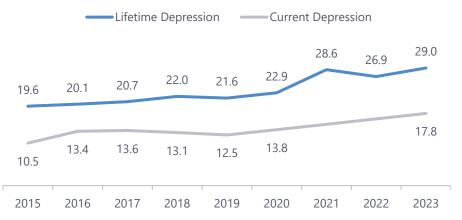
Increased Awareness and Prevalence of Various Behavioral Health Conditions in the U.S.

1 in **5 1** in **6 20 Million+**

Adults in the U.S. Youths in the U.S. Experience Mental Illness Experience Mental Illness

Americans Have a s Substance Use Disorder

Lifetime and Current Depression Rates Among U.S. Adults



- COVID-19 triggered a 25% increase in anxiety and depression worldwide, and despite easing COVID-19 restrictions, there has been a lingering impact on the prevalence of mental health conditions in the U.S.
- Other behavioral health conditions continued to grow at an alarming rate, including **substance use disorders** driven by the opioid crisis.
- The reduced stigma associated with seeking help for behavioral health conditions declined during COVID-19, leading to increase demand for diagnosis and treatment.

Availability of Diagnosis and Treatment Is Significantly Lagging the Demand or Such Services

60%

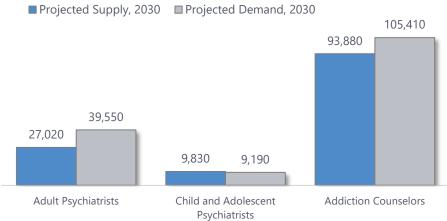
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Of U.S. Counties Have No Psychiatrists

Global Median Ratio of Mental Health Workers to Individuals U.S. Counties Without Access to Behavioral Health Providers

570

Supply/Demand Imbalance Across Behavioral Health Specialties



- Provider shortages have caused existing professionals to take on more patients, leading to higher burnout and more people leaving the workforce, further impacting the issue.
- Given that 60% of psychiatrists are 55 or older, the upcoming retirement drain will exacerbate the supply/demand imbalance.
- Medical professionals need years of supervised experience and/or postgraduate education before they can practice; therefore, expect it will take time for the supply of mental health providers to increase.

Sources: Acadia Investor Materials, AAMC, Employer Benefit Research Institute, HIMSS, J.D. Power 2022 U.S. Telehealth Satisfaction Survey Wall Street Research, WHO, National Library of Medicine, ABC News, Education Data Initiative, Gallup.

Multiple Secular Trends Impact Behavioral Health

New Technologies Have Emerged as an Alternative to Traditional Behavioral Health Treatments

 Abundant capital flows during the pandemic led to the development of specialized platforms that provide alternatives to traditional care, including telehealth, chatbots, and self-care tools

Percentage of Encounters Conducted Using Telehealth



Stigma Around Seeking Help for Behavioral Health Conditions Has Improved but Still Remains Across the General Population

- The COVID-19 pandemic normalized behavioral health conditions, leading plan sponsors to take notice and offer benefits around it; however, there is still a general apprehension against seeking treatment for fear of repercussions related to behavioral health conditions—this is even more pronounced for individuals with substance abuse disorders.
- A large portion of the population living with behavioral health conditions has refrained from seeking care or adhering to treatment.

~70%

Of Global Population With Mental Illness Not Receiving Treatment for Their Disorder

~50%

Of Major Psychiatric Disorder Patients Are Non-Adherent to Their Psychiatric Medication

Patients Typically Face Larger Out-of-Pockets for Behavioral Health Care

- Historically low reimbursement rates have led a greater number of behavioral health providers to not accept insurance, increasing out-ofpocket costs for patients
- High costs continue to deter many Americans from receiving care

38% 37% \$50 - \$200 = \$200 + 15% 16% 9% 19% 23% 21% 21% 6% Mental Health Therapist Visit Mental Health Prescriber Visit Specialty Care Visit Primary Care Visit

Rate of Out-of-Pocket Costs for Outpatient Care

Accessibility to Behavioral Health Care Options and Treatment Remains a Challenge, Especially in Rural Communities

- Finding mental health providers that take patients' insurance (whether innetwork or out-of-network) continues to be a struggle, with many providers not seeing new patients.
- Wait times for behavioral health appointments continue to increase, with some clinicians reporting wait times of more than 90 days.
- "Ghost networks" of providers that don't really see patients continue to be an issue.

1 in **3**

Clinicians Report Having Waitlists Longer Than Three Months



Of Mental Health Providers Listed in Network Did Not See Patients

Technology Can Mitigate Major Pain Points in Behavioral Health

	Improve Access to Care	 Telehealth solutions have provided viable alternatives to in-person care, broadening the reach of limited behavioral health providers to underserved communities, particularly true for specialized mental health (e.g., ADHD, PTSD, OCD). The scheduling flexibility brought on by telehealth solutions has driven a reduction in wait times for behavioral health appointments compared to traditional settings.
2	Identify and Diagnose Behavioral Health Conditions	 Data analytics can help identify candidates at risk of being affected by behavioral health conditions who would not otherwise seek help. New technologies facilitate diagnosis of these conditions, which is typically gating to patients receiving treatment, in particular, special treatment.
	Increase Discretion for Patients	 Virtual care solutions (e.g., telehealth, wearables, chatbots, etc.) have eliminated the need for initial in-person meetings, creating a level of secrecy and discretion that was not available before — this has made it easier for patients to seek the help they need Comprehensive platforms can leverage first interaction to develop a personal treatment plan.
	Enhance Care Delivery, Driving Better Patient Outcomes	 Predictive analytics have created an opportunity to match patients to the right therapists, leading to a better initial bond, which drives better adherence to treatment plans. Analyze data from millions of interactions to create appropriate, personalized treatment plans. Comprehensive virtual care platforms provide an opportunity for continued patient engagement between sessions.
	Drive Better Care Coordination Across Providers	 Purpose-built EHR solutions can improve care coordination by integrating patient data from multiple providers and creating a whole-person profile that combines physical and mental health. These solutions can help track patients over time and identify the best course of action based on outcomes data, including specialist referrals.
	Boost Workforce Productivity and Optimize Revenue	 Practice management solutions can streamline admin tasks (e.g., documentation, patient intake, billing) for behavioral health professionals, letting them focus on delivering quality care. RCM and other software solutions optimize health plan reimbursement and patient payments.

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Behavioral Health Technology Deep Dive: M&A Highlights

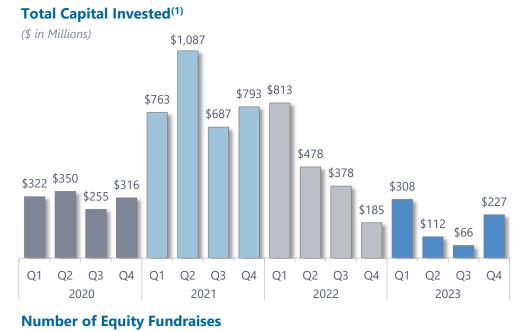
21 - Annual Average Quarterly Deal Count 18 13 13 9 9 8 8 6 6 6 5 5 2 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q1 Q2 Q3 Q1 Q4 Q4 2020 2021 2022 2023

Recent Relevant Transactions

Date	Target	Acquirer	Target Description
Jan-2024	S SILAS	CentralReach	Social and emotional behavior solution for K–12 education
Nov-2023	🗸 vālant	EECHNOLOGY PARTNERS	Behavioral health EHR, PMS, and telehealth provider
Nov-2023	nextgen.	THOMABRAVO	EMR, PMS, RCM, and telehealth provider with a large behavioral offering
Nov-2023	Minded	uplift	Behavioral telehealth provider with an anxiety/depression focus
Oct-2023	Netalytics	** Netsmart	Leading provider of practice management software and solutions to the SUD market
Oct-2023	BRIGHT·MD		Provider of asynchronous telehealth with an Al offering
Sep-2023	Sesh	Caraway	Mental healthcare app designed to provide access to therapist- led group support
Jul-2023	♡ Dialogue	Sun Life Financial	Corporate digital health and wellness platform
Jul-2023	🔊 Pyx Health	TTCP	Mental health chatbot to battle chronic loneliness
Mar-2023		GAUGE	Behavioral health EHR provider
Nov-2022	The echo Group	Therapy Brands	Provider of EHR, RCM, and workflow software to the behavioural health industry
Sep-2022	shine	headspace	Self-care communication app
Sep-2022	FOREFRONT		Provider of virtual telepsychiatry and teletherapy care

Number of M&A Transactions

Behavioral Health Technology Deep Dive: Recent Capital Raises



34 29 26 24 21 21 19 19 15 15 13 13 12 12 6 O1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 2020 2022 2021 2023 Source: PitchBook as of February 2024.

Recent Relevant Transactions

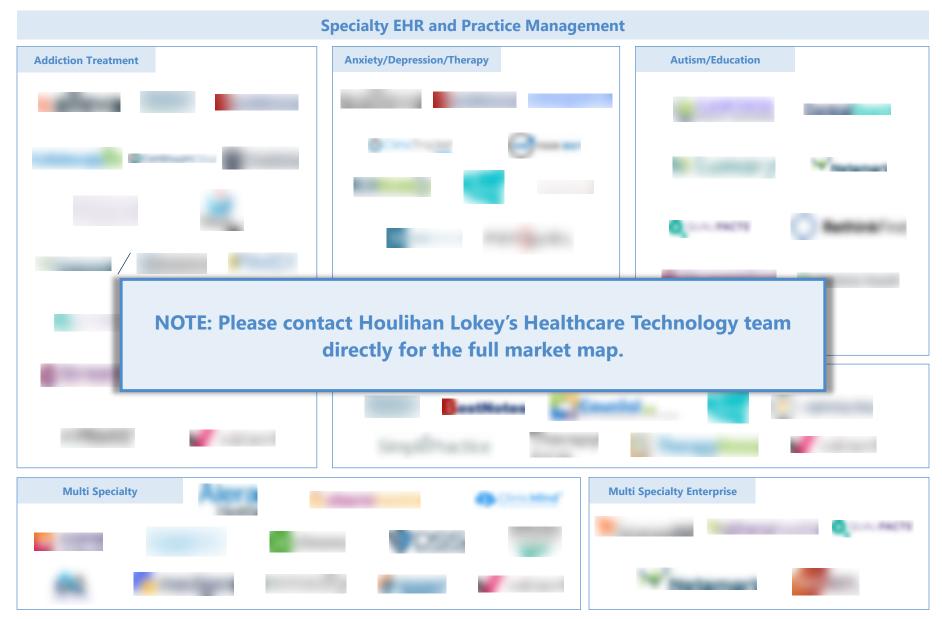


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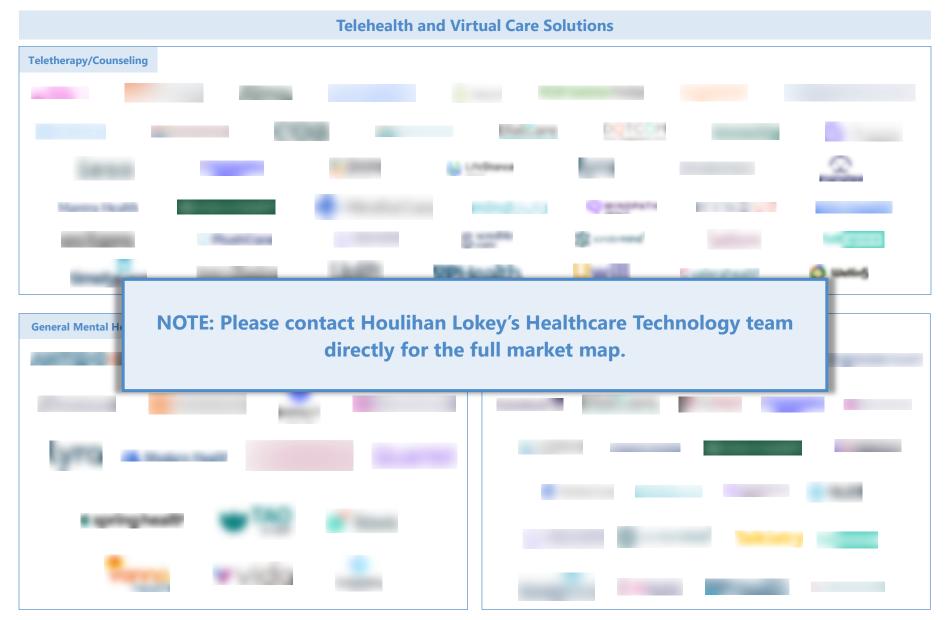
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(1) Deal value only includes those with disclosed data, but the number of deals includes all completed and announced transactions.

Behavioral Health Technology Landscape: Specialty EHR and Practice Management



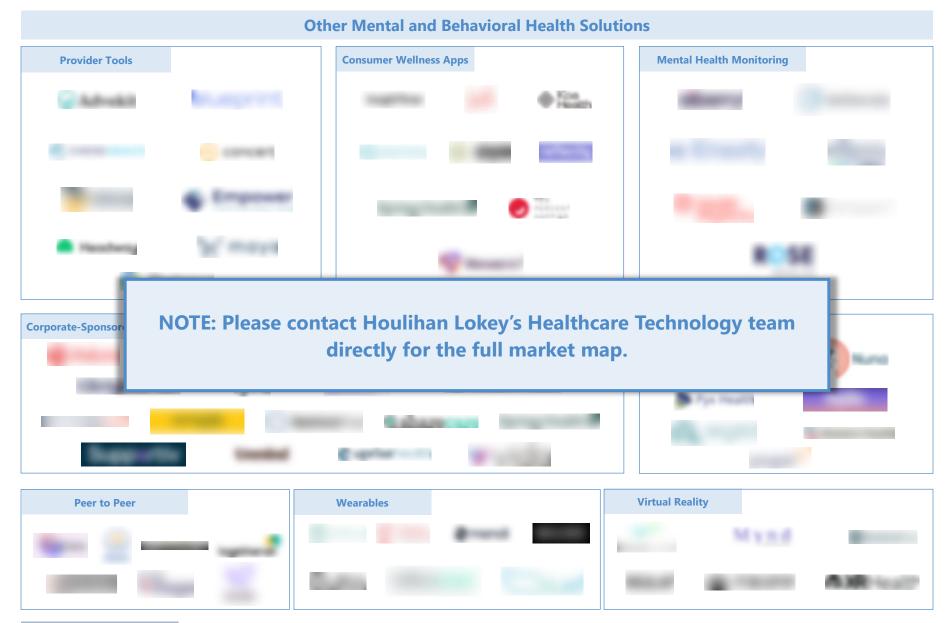
Behavioral Health Technology Landscape: Telehealth and Virtual Care



Behavioral Health Technology Landscape: Telehealth and Virtual Care (cont.)



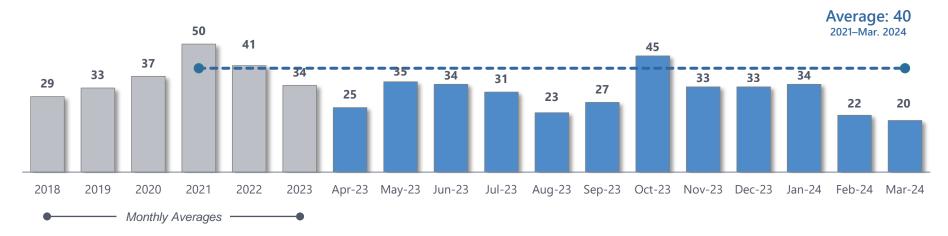
Behavioral Health Technology Landscape: Other Mental and Behavioral Health Solutions



Appendix



Overall Healthcare Technology Activity: M&A



Monthly M&A Deal Count⁽¹⁾

Selected Recent Healthcare Technology M&A Transactions

	Date	Target	Acquirer	Target Description
	Dec-23	🌣 acclara.	R1	RCM platform built for health systems
	Nov-23	Minded.	uplift	Online psychiatry tool specialized for women
Strategic	Oct-23	Netalytics	Wetsmart	Mental health/addiction treatment software
	Oct-23	BRIGHTMD		Asynchronous virtual care platform
	Sep-23	C HealthComp	ਆ pulse	Digital health, benefits, and analytics
	Sep-23	🗭 Infinia ML.	aspirion	AI/ML document processing platform
	Sep-23		PracticeTek [®]	EHR, PMS, and analytics solutions
	Jul-23	♡ Dialogue	炎 Sun Life	Digital health and wellness

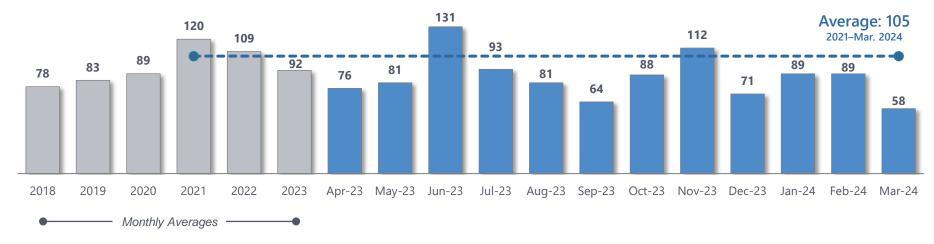
	Date	Target	Acquirer	Target Description
Private Equity	Feb-24	C O T I V I T I		Payment accuracy and analytics tools for payors
	Dec-23	🗸 vālant		EHR/PMS for behavioral health practices
	Nov-23	nextgen.	THOMABRAVO	EMR/PMS, RCM, and workflow solutions
	Sep-23	Vatica Health		Risk adjustment and coding software solutions
	Aug-23	d vba	Spectrum Equity	Cloud-based benefits software for payers
	Jul-23	smartlinx		Workforce and HCM software for post-acute
	Jul-23	Nextech	TPG	EMR and PM software for specialty practices
	Jun-23	Vālenz	KELSO	Medical cost reduction and claims analytics

Source: PitchBook as of April 2024.

(1) Transaction count includes all U.S. M&A, buyout, LBO, PE growth, expansion, and reverse merger transactions.

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Overall Healthcare Technology Activity: Equity Fundraises



Monthly Equity Fundraises Count⁽¹⁾

Selected Recent Healthcare Technology Equity Fundraises

Date	Target	Raise Amount	Type of Raise	Post-Money Valuation
Dec-23	Hinge Health	\$400M	Late-Stage VC	\$6,600M+
Dec-23	Employer Direct Healthcare	\$92M	Secondary	\$1,000M
Nov-23		\$50M	Series A	\$240M
Nov-23	/ FORWARD	\$100M	Series E	\$1,330M
Nov-23	B BETTER HEALTH GROUF	\$175M	Growth	\$873M
Nov-23	√vida	\$29M	Series D	\$497M
Oct-23	C commure	\$1,320M	Late-Stage VC	\$3,500M
Oct-23	🔇 Capital Rx	\$72M	Series D	\$1,070M

Date	Target	Raise Amount	Type of Raise	Post-Money Valuation
Oct-23	MAIN STREET	\$315M	Series A	N/A
Oct-23	🛑 Headway	\$125M	Series C	\$1,000M
Oct-23	SAFERIDE	\$36.0M	Series C	\$181M
Sep-23	Cartwheel	\$20M	Series A	\$60M
Sep-23	HealthTap	\$29M	Late-Stage VC	\$112M
Sep-23	🕀 H U M A	\$78M	Series D	\$670M
Aug-23	🛟 NURSA	\$80M	Series B	\$530M
Jul-23	K	\$69M	Late-Stage VC	\$1,630M+

Source: PitchBook as of April 2024.

(1) Count includes all U.S. healthcare technology early- and late-stage transactions.

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Equity Market Index Performance

Commentary

- Following a period of strong performance during the COVID-19 pandemic, the healthcare technology market has underperformed broader public markets since the beginning of 2022.
 - The overall healthcare technology market had a decline of 35.4% since January 2022, compared to an increase of 2.6% for the Nasdaq and an increase of 8.5% for the S&P 500 during the same period.
- Within healthcare technology, the pharma IT (decline of 23.5%) and payor-focused IT (decline of 34.0%) sectors outperformed the provider-focused IT (decline of 45.6%) and virtual care (decline of 71.7%) sectors during the same period.

Share Price Performance (Since Jan. 2022)



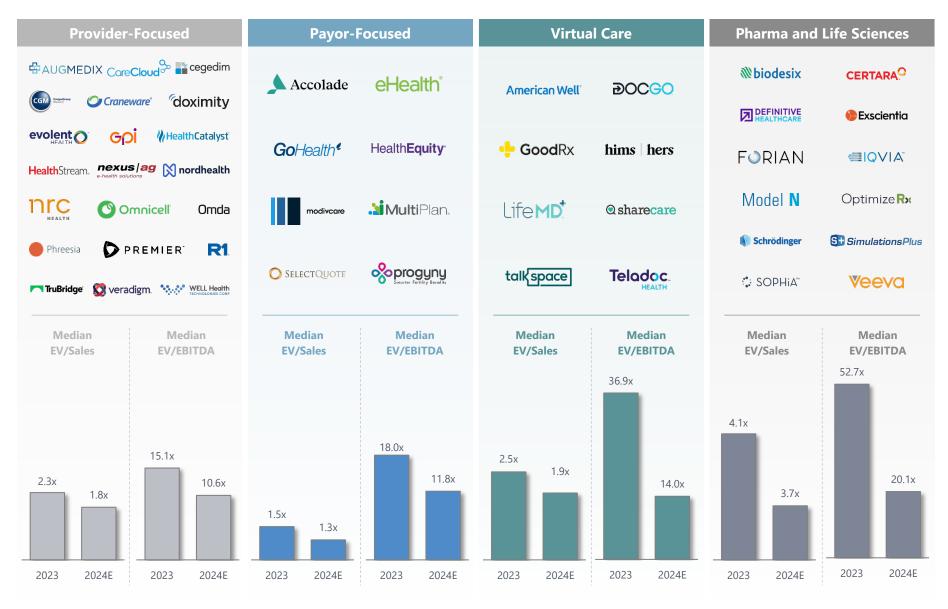
Share Price Performance by Healthcare Technology Subsector (Since Jan. 2022)



(Index, Jan 2022 = 100)

(1) The Houlihan Lokey Healthcare Technology Index consists of a diversified set of companies across the healthcare technology sector; see page 21 for constituents.

Houlihan Lokey Healthcare Technology Public Company Index Detail



Source: S&P Capital IQ. Data as of April 5, 2024.



Notes: EV/EBITDA multiples >70.0x and negative EV have been excluded as not meaningful (n.m.). EV/Sales and EV/EBITDA charts are shown on 2 separate scales, one for EV/sales and one for EV/EBITDA.

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