

HEALTHCARE TECHNOLOGY & TECH-ENABLED SERVICES

2020 YEAR-IN-REVIEW

Ryan Stewart

Managing Director Head of Healthcare Technology & Tech-Enabled Services (o) 212.508.1610 | (m) 612.227.2132 rstewart@pjsolomon.com

Eric Bormel

Vice President
Healthcare Technology &
Tech-Enabled Services
(o) 646.378.4063 | (m) 410.404.0204
ebormel@pjsolomon.com

Tyler Gersten

Analyst
Healthcare Technology &
Tech-Enabled Services
(o) 646.293.7304 | (m) 914.323.8288
tgersten@pjsolomon.com



2020 – A Year Like No Other

February 1, 2020

Friends and Colleagues:

With a year like no other now in the rearview mirror, we're pleased to provide you with our review of a year filled with unfathomable sacrifice, courage and resolve, as well as historic transformation across our healthcare industry, where 10-years of advancements were made in 10 short months! As the world watched, our industry embraced innovation like never before in history to provide mission-critical technology and techenabled infrastructure and services to meet the demands of our nation's consumer health – in the home, in the community, through virtual networks and increased mobility and, of course, through the cloud.

As the dust began to settle in 2Q20, we saw a dramatic pickup in sponsor financings, IPOs and SPACs, with M&A back in full steam by 3Q20. On the year, we saw 11 IPOs / SPAC mergers, 454 financings and 336 M&A transactions. Look no further than the industry defining merger between Teladoc and Livongo for \$18 billion as an exclamation point on a rapidly maturing sector with continued momentum. Movement has been diverse, with strategic and financial sponsors alike investing and acquiring Healthcare Tech companies across an array of industry subsectors.

In the financing market, 2020 saw a major uptick in both number of transactions and total capital raised. The year's financing activity totaled ~\$19.2 billion of proceeds, as we saw larger and larger financings and growth equity rounds being announced compared to ~\$8.0 billion of proceeds in 2019. This was a continuation and acceleration of several trends: the growth in virtual care, direct-to-consumer wellness, real-world evidence ("RWE"), advocacy & navigation in the employer market, and the broad-based adoption of AI / ML to further automate / redefine workflows. The IPO market opened as public investors steered capital away from COVID-impacted sectors and into high-growth technology sectors (like healthcare) with 7 IPOs, including: One Medical, Accolade, GoHealth, Oak Street Health, American Well, GoodRx and Oscar. Additionally, a renaissance of Special Purpose Acquisition Companies ("SPACs") led to an additional 5 combinations. Combining SPACs and IPOs, newly public companies raised \$6.2 billion in gross proceeds in 2020.

Turning to the capital markets, 2020 was characterized by volatility, where despite a 34% decline between Feb. 19 and March 23, the sector finished the year near all-time highs led by bellwether names including Livongo, One Medical, Oak Street, Teladoc and Accolade up 458%, 212%, 191%, 139% and 98% respectively. In reviewing M&A activity, PJ SOLOMON saw 336 announced M&A transactions, including 24 with greater than \$1 billion of announced deal values, bringing the total value of announced M&A activity for the year to \$92 billion. A few specific transactions to note include:

- Teladoc's merger with Livongo for \$18 billion
- MultiPlan's SPAC merger with Churchill Capital III for \$11.1 billion
- Veritas-backed Gainwell acquisition of HMS for \$3 billion
- The Caryle Group's acquisition of Grand Rounds for \$1.3 billion
- TA Associates, Francisco Partners acquisition of Edifecs for \$2 billion
- Optum's acquisition of naviHealth for \$2.5 billion
- TriNetX's growth investment from The Carlyle Group

Lastly, this was an important year for me and PJ SOLOMON as we entered the Healthcare industry with my arrival in late September, marking the firm's 8th new vertical in less than 3-years. I couldn't be more excited about the path forward for my franchise, the firm and this vibrant industry that will continue to innovate, disrupt and challenge conventional business models in the years ahead. I deeply appreciate all the well-wishes and look forward to further collaboration in the months and quarters ahead and, of course, seeing many of you in person this fall back on Cape Cod at the Chatham Bars Inn – stay tuned!

As always, we appreciate your interest and engagement, and welcome all feedback as we continue to refine our sector coverage for our collective benefit. Wishing everyone an active, successful and healthy 2021!

Ryan Stewart

Managing Director

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Healthcare Technology & Tech-Enabled Services



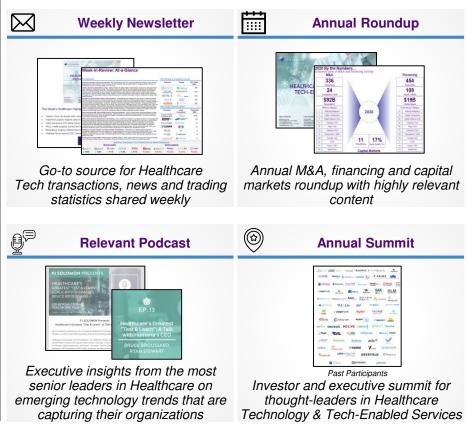
PJ SOLOMON Enters Healthcare Sector in 4Q 20

Initiating with Healthcare Technology & Tech-Enabled Services

Advising Clients Across Healthcare Tech's Core EndMarkets and Disruptive New Segments

Core End-Markets Disruptive New Segments Paver-Tech Virtual Care Digital Payers & VBC Provider-Tech **Employer-Tech** Artificial Intelligence Pharma-Tech / RWE Digital Wellness & Dx **Digital Therapeutics** Pharmacy Tech

Leading With a Content-Rich Approach to Coverage & Collaboration



Inaugural HC Tech Podcast

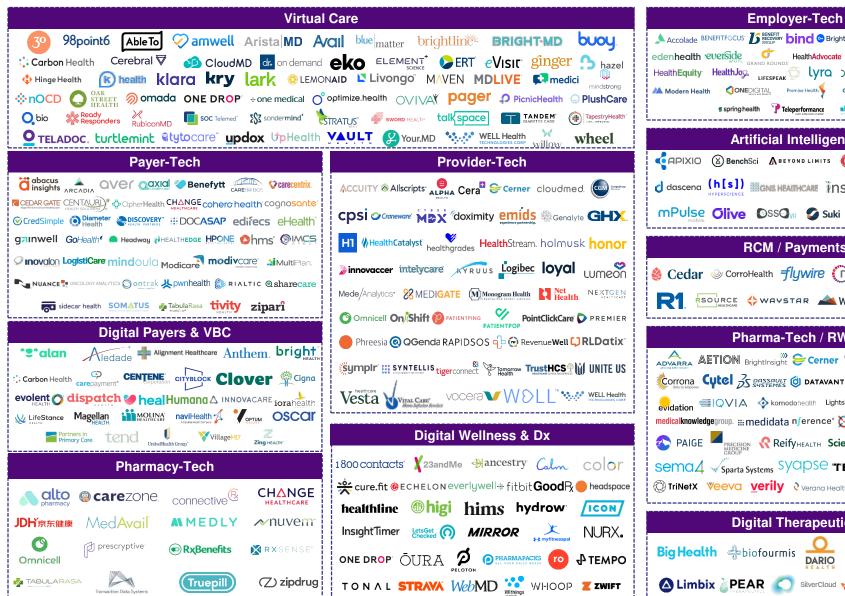
PJ SOLOMON Presents: Healthcare's Greatest "Test & Learn": A Talk with Humana CEO Bruce Broussard, Released January 27



Theme	Pandemic Response	Care in the Home	Verticalization	Consumer Experience and Advocacy	Leadership
Quotable	"I have been amazed at the agility of the healthcare system"	"[The pandemic] has forced our leadership to be much more aggressive in the pace of change"	"We do believe that there will be continued vertical integration in the marketplace"	"30,000 [Humana employees] participate in bonus compensation and NPS is a part of that [calculation]"	"[The pandemic has necessitated] a higher level of intentionality"
Takeaways	 The shift to omnichannel delivery will be a core tenet of the future healthcare system Healthcare must meet the patient where they want to be met – including in the home Several models have succeeded including VBC 	 Face to face interaction creates empathy that is crucial to healthcare delivery, but this interaction can shift outside the hospital Humana invested in Dispatch, Heal in 2020 to better engage the at-home populations 	 Humana and payers broadly have a sizable opportunity to leverage value-based payment model (including MA) to both improve care and better differentiate They will not own hospitals and provider relationships are of utmost importance 	 Ability to surprise and delight customers is paramount in the customer journey Humana's newest bet with Author, a MA digital health plan in South Carolina, starts with a health coach so that Humana can merge the conversation of Health Insurance with Health 	 The pandemic forced leaders to be more intentional with interactions Intellectual curiosity must be noticeable in all conversations Disengaging financial success from being purpose driven is a lever to drive engagement and enjoyment The old model of leadership was not leveragable

PJ SOLOMON Market Segmentation Map

The Year That Was – 2020 M&A, Financings, IPOs and SPACs



The Year That Was – A Closer Look at the Numbers

A Historic Year of M&A and Financing Activity Amidst the Global Pandemic

2020

M&A

Financing

336

Transactions

454

Transactions

24

M&A by Category

Artificial Intelligence

Digital Therapeutics

Digital Wellness & Dx

Employer Tech

Payer Tech

Pharmacy Tech

Pharma-Tech / RWE

Provider Tech

RCM / Payments

Digital Payers & VBC

Virtual Care

7

5

17

23

38

16

35

123

22

16

34

Transactions >\$1B

Disclosed EV

108

Raises > \$50M

Capital Raised

IPOs/SPACs

17% Index Growth YoY

Capital Markets

Financing by Category

51 Artificial Intelligence **Digital Therapeutics** 16

Digital Wellness & Dx 43

Employer Tech 26

Payer Tech 12 Pharmacy Tech

38

Pharma-Tech / RWE 49

Provider Tech 78

RCM / Payments 5

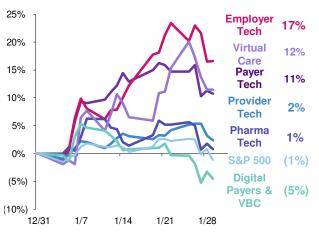
Digital Payers & VBC 19

Virtual Care 117

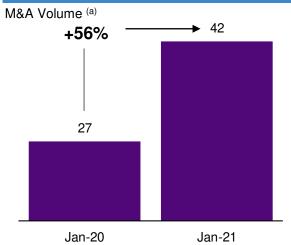
The Year Ahead – 2021 Off to a Busy Start

Capital Markets, Financings and M&A Activity in January 2021

Capital Markets (a)

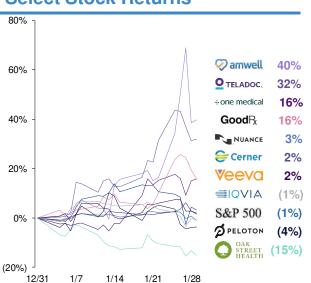


M&A Activity

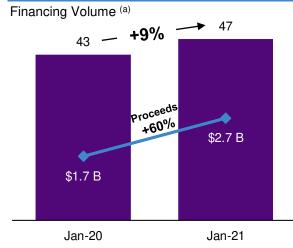


Date	Acquiror	Target	EV (M)
1/4	CENTENE° crporation	Magellan HEALTH.	\$2,200
1/6	OPTUM°	CHANGE HEALTHCARE	\$13,220
1/13	HUDSON EXECUTIVE	talkspace	\$1,400
1/14	Accolade	2nd.MD	\$460
1/19	PHILIPS	capsule*	\$635
1/21	Scientific	Preventice solutions	\$1,225

Select Stock Returns



Financing Activity



Date	Company	Investors	Raise (M)
1/5	+ Hinge Health	COATUE TIGERGLOBAL	\$300
1/14	PAIGE	CASDIN CASDIN CASDIN CASDIN CASDIN CASDIN CASDIN CASDIN CASDIN	\$100
1/19	K	VALOR EQUITY PARTNERS GGVCAPITAL	\$132
1/19	Aledade	MERITECH	\$100
1/26	sidecar health	DRIVE CAPITAL	\$125
1/28	lyra	ADDITION	\$187

^{**} Indicates SPAC.

a) See 'Methodology and Sources' for capital market category participants.

b) Stock return for 10 largest healthcare tech companies by market capitalization.

What's Inside

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Capital Markets Review



2020 – Key Takeaways

Summary Observations From a Historic Year

✓ While we view 2020 as 'The Year of Virtual Care' (up 261%), all segments of Healthcare Tech proved to be quite resilient in a turbulent year

Virtual Care: 261%Paye

Payer Tech: 28%

Digital Payers & VBC: 14%

Pharma Tech: 46%

Provider Tech: 14%

Employer Tech: 1%

✓ Three defined market timeframes, each with its own thematic drivers

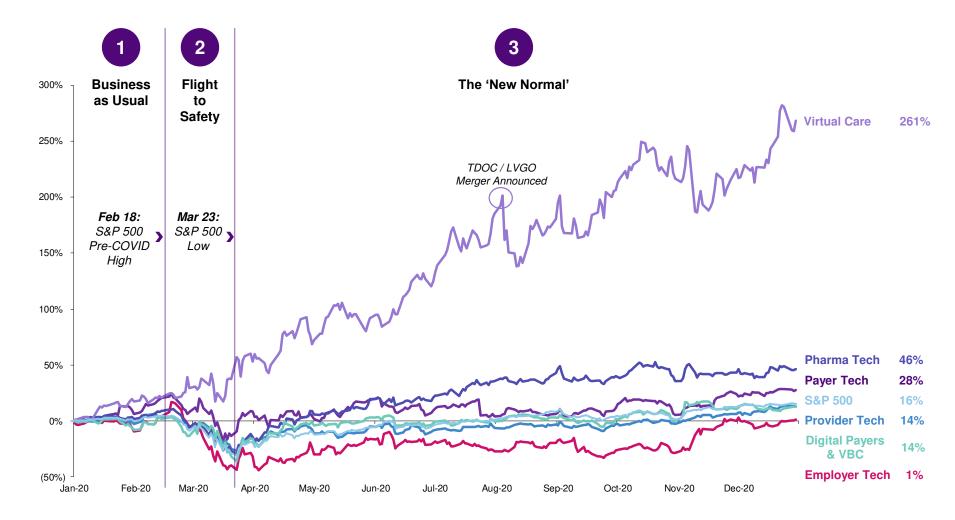
- Business as Usual; From Jan. 1 Feb. 18, the market had continued momentum from a strong 2019 as the PJ SOLOMON index increased 4% and the S&P 500 increased 5%
- Flight to Safety: From Feb. 19 Mar 23, rotation into virtual care from core health as the PJ SOLOMON index declined 38% and the S&P 500 declined 34%; virtual care was the lone exception up 27%
- The 'New Normal': After Mar 23, broad investing in Healthcare tech enablement drove the PJ SOLOMON index higher 79% and the S&P 500 higher 68%

✓ Robust IPO market as 6 companies priced, while another 5 took advantage of surge in SPACs to reach public market

- U.S. IPO proceeds in 2H 2020 were up 455% YoY as public market investors returned with confidence to new issuances
 - Within Healthcare Tech, pre-COVID listing of One Medical and post-COVID listing of Accolade, GoHealth, Oak Street, GoodRx and Amwell priced strong IPOs each upsizing their IPO, with all IPOs post-COVID pricing higher than initial range; average 1-day return for the 6 IPOs priced post-COVID was 42%, while the average 2020 return for the 6 IPOs was 88%
- Key driver of 2020 public market enthusiasm was the emergence of the Special Purpose Acquisition Company ("SPAC"), which grew 338% YoY in new issuances and 475% in gross proceeds
 - Within Healthcare Tech, Multiplan and SOC Telemed announced and closed SPAC Mergers, while Hims, Clover and UpHealth announced mergers, with cumulative proceeds of \$2.8 Billion
 - Momentum has continued into early 2021 with the announcement of the Talkspace SPAC at a \$1.4 billion Enterprise Value
- Certain public market 'darlings' doubled their stock price supported by growing customer bases, increased utilization of existing customers, strategic acquisitions and enhanced importance as a result of the pandemic
 - 9 tracked companies grew +100% in 2020, including WELL Health, Peloton, OnTrak, OptimizeRx, Nuance, Teladoc, Modivcare, Phreesia and Vocera over the entire year while another 3 did so as public companies for only a partial year including Livongo, Oak Street Health and One Medical

2020 – The Year of Virtual Care

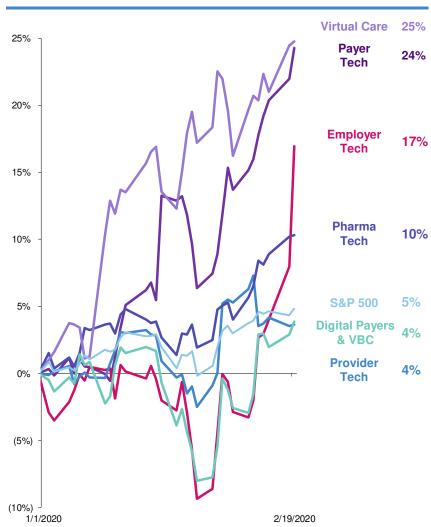
A Turbulent Year Can be Viewed Through the Lens of Three Distinct Investment Time Periods



1 Business as Usual –

Continued Momentum From a Strong 2019

Stock Price Performance (a)



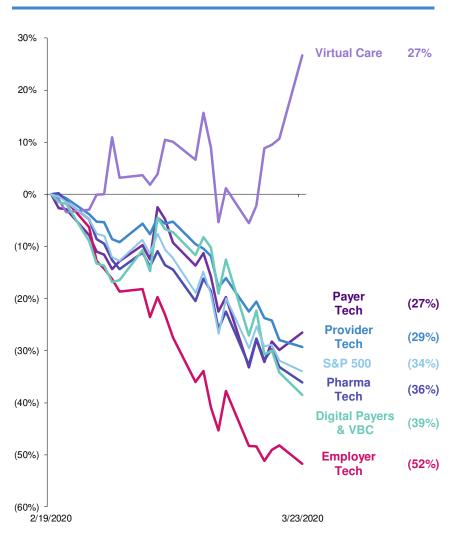
Select Company Performance (a)

Virtual Care Tech	 ▲ Teladoc: +41%: Positive reaction to InTouch acquisition, Q4 2019 revenue beating guidance and initial investor reaction to coronavirus ▼ Peloton: -9%: Overly optimistic expectations for Q2 (Dec)
	subscribers and pending lock-up expiration for pre-IPO owners
Payer Tech	Nuance: +31%: Strength in Q1 from Dragon Medical Cloud globally, expanding TAM via customer migration to the cloud and improved fundamentals of organic proposition
	▼ HMS: -5%: Revenue and EBITDA performance for the quarter fell below consensus, driven by shortfalls in the COB Segment
Employer Tech	▲ Progyny: +37%: Strong showing at JPM conference affirming 2019 guidance of 119% revenue growth YoY and \$18.5M EBITDA
recn	▼ Benefitfocus: -19%: Restructuring of Mercer Private Exchange offer in 2019 led to \$25 million revenue loss
Pharma Tech	▲ Veeva Systems: +37%: Research Analyst initiated coverage noting upside advocating previously controversy against IQVIA deal stock to be oversold
Digital Payers &	▲ Evolent: +20%: New FL Medicaid data demonstrated Evolent gaining share
VBC	▼ Magellan: -5%: Announced 3 key senior executive changes between November 2019 and February 2020
Provider Tech	 ▲ Vocera: +27%: New Smartbadge solution is winning customer support and large transactions that had been on hold closed ▼ Craneware: -16%: Lost major customer led to decline in contract renewals by 73% (dollar value)

2 Flight to Safety –

Rotation into Virtual Care From Core Healthcare Tech

Stock Price Performance (a)



Select Company Performance (a)

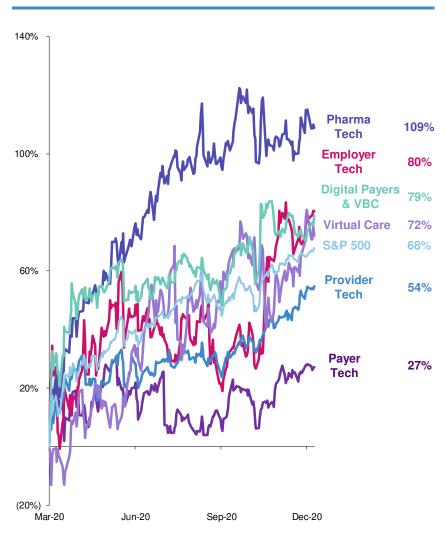
	▲ Teladoc: +43%: 50% spike in volumes week of March 13
Virtual Care Tech	▼ Livongo: -21%: Market selloff underappreciating the RPM capabilities early into COVID
	▼ Change Healthcare: -49%: High leverage in challenging market (4.9x 2019A EBITDA)
Payer Tech	▼ Tivity: -81%: Social distancing anticipated to materially impact Silver Sneakers business (older American's gym access)
Provider	▼ Cerner -29%: Delay in implementation (DoD, etc.) a drag on revenue, but benefits from long-term contracts
Tech	▼ Phreesia -42%: Reduced patient volumes and elective procedures a headwind to revenue
Pharma Tech	▼ IQVIA: -49%: Global shutdown of 70% of its trial sites
Digital	▼ United Health Group: -36%: Exposure to members with COVID- 19, particularly among its MA book
Payers & VBC	▼ Evolent: -64%: Anticipated reduction in new members and new contracts
Employer	▼ HealthEquity: -46%: Fed rate declines and COVID impact to HSA spend lowers revenue guidance
Tech	▼ Progyny: -54%: Fertility treatments subject to elective procedure postponement compounded by anticipated employer layoffs



The 'New Normal' -

Investing in Healthcare's Tech Enablement

Stock Price Performance (a)



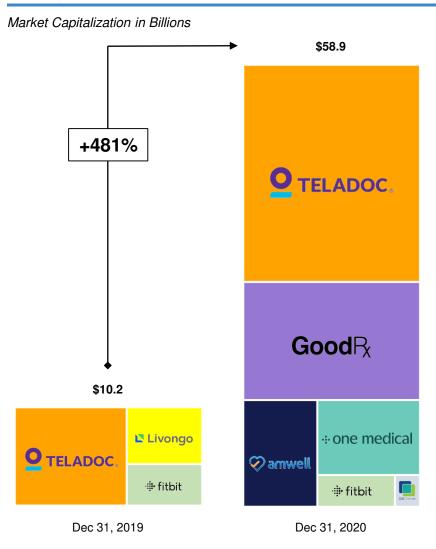
Select Company Performance (a)

Pharma Tech	 ▲ OptimizeRx: +339%: Sales cycles shortened and close rates increased amidst COVID leading to bullish outlook for 2021 ▲ IQVIA: +113%: Faster recovery in non-COVID trial activity with
	upside from disrupted clinical activity pushed into 2021
Employer	▲ Progyny: +143%: Benefited from utilization returning to more normalized levels faster than anticipated (95% of base as of Q3)
Tech	▲ HealthEquity: +73%: Lower unemployment of benefit-eligible employees than feared
Digital Payers &	▲ Evolent Health: +290%: Re-instated Seth Blakley (co-founder) as CEO, won major FL BCBS contract and agreed to terms with activist cooperation
VBC	▲ Centene: +32%: Lower marketplace enrollment, increased competition & concern of deferred procedures hindered optimism
	▲ Livongo: +561% (through 10/30): COVID tailwinds from RPM acceleration and growing TAM from new solutions
Virtual Care Tech	▲ Peloton: +550%: Demand outpaced supply. Q1 (Sep) rev +232% with 1.8M subscribers (+138% YoY), including 510k digital only
	▲ Teladoc: +19%: Stock increased 49% through LVGO merger, but then declined 20% through end of year
Provider	▲ Well Health: +510%: Closed 7 transactions in Q4 and 10 in 2020; investors pricing in inorganic growth
Tech	▲ Phreesia: +186%: Its 'Zero Contact Intake' became industry standard amid pandemic
Davies Tark	▲ Ontrak: +547%: Behavioral telehealth solutions in demand amidst pandemic driving Q3 revenue +171%
Payer Tech	▼ eHealth: -35%: Continued challenge with customer churn and lower LTVs

2020: The Year of Virtual Care

Seismic Capital Inflows & Stock Returns

5x Capital Inflow into Virtual Care



With Companies Showing Impressive Growth

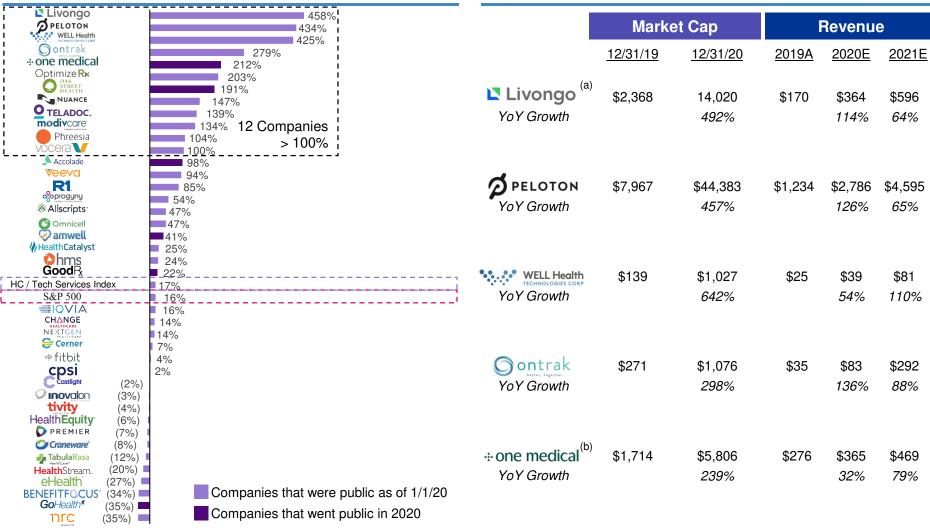


2020: Performance Across Broader Landscape

Beyond Virtual Care, an Interesting Mix of Top Performers

2020 Stock Price Return

Top Performer Financial Profiles (\$ in Millions)



a) Revenue estimates prior to closing of sale to Teladoc. Market Cap as of 10/30/20.

b) Market Cap as of first list price on 1/30/20.

2020 IPO Proceeds were the Largest in History

A Closer Look at the Trends...

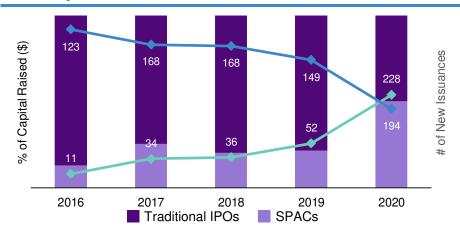
U.S. IPO's raised 148% more in 2020 vs. 2019...



After a dormant March, April & May, the IPO market roared back open in 2020...



... Driven by growth in SPACs which represented 50% of proceeds and 54% of new issuances



...With HC Tech companies leading the way with \$6.2 Billion in proceeds (a)



Transaction Highlights

... one medical

57.6%

78.6%

211.8%

2020 Healthcare Technology and Tech-Enabled Services IPOs

	"One medical
Deal Details	One Medical is a membership-based primary care platform with seamless digital health and inviting in-office care, convenient to where people work, shop, live and click
D I O' (a)	0045 m: III a m
Deal Size (a)	\$245 million
Date	January 30
IPO Price	\$14.00
Valuation (a)	
Market Cap	\$1.7 Billion
EV	\$1.3 Billion
EV / '20E Rev	3.9x
EV / '21E Rev	3.2x
'20E – '21E % Rev Growth	23.6%
'20E % Gross Margin	33.9%
Performance (From IPO)	

1-Day

1-Week

2020



Accolade provides personalized health and benefits solutions designed to empower employers using a blend of cloud- based technologies and specialized support

-	•	• •
	\$221 million	
	July 1	
	\$22.00	
	\$1.0 Billion	
	\$828 Million	
	5.4x	
	4.4x	
	23.0%	
	NA	
	35.0%	
	56.0%	
	97.7%	

GoHealth^e

GoHealth is a health insurance marketplace that combines cuttingedge technology and data science to match customers with the healthcare policy and carrier that is right for them

\$914 million
July 14
\$21.00
\$6.6 Billion
\$6.7 Billion
7.8x
5.7x
37.7%
71.4%
(6.0%)
(0.5%)
(35.0%)



Oak Street Health is a network of value-based, primary care centers for adults on Medicare, focusing on quality of care over volume of services

quality of care over volume of services	
\$328 million	
August 6	
\$21.00	
\$5.0 Billion	
\$4.6 Billion	
5.4x	
3.8x	
41.1%	
NA	
85.7%	
120.9%	
191.2%	/

a) Reflects proceeds pre-underwriter fees and valuation at IPO date assuming no green shoe option. Projections source: Wall Street analysts 30 Days post IPO.

Transaction Highlights (Cont'd)

2020 Healthcare Technology and Tech-Enabled Services IPOs

	amwell	
Deal Details	Amwell is a telehealth platform that connects and enables providers, insurers, patients, and innovators to deliver greater access to more affordable, higher quality care	
Deal Size (a)	\$742 million ^(b)	
Date	September 16	
IPO Price	\$18.00	
Valuation (a)		
Market Cap	\$4.1 billion	
EV	\$3.0 billion	
EV / '20E Rev	13.1x	
EV / '21E Rev	11.6x	
'20E – '21E % Rev Growth	12.9%	
'20E % Gross Margin	31.3%	
Performance (From IPO)		
1-Day	28.2%	
1-Week	58.3%	
2020	40.7%	

Good_R

GoodRx connects consumers with affordable and convenient prescriptions and medical care, including telehealth, mail order prescriptions, and doctor visits

\$1.1 billion	
September 22	
\$33.00	
\$12.7 billion	
\$12.4 billion	
23.1x	
16.9x	
36.7%	
94.4%	
53.0%	
69.7%	
22.2%	,

Oscar is a technology driven health insurance company that offers an online network designed to make insurance simple and intuitive

Filed: December 21

b) Excludes \$100 million investment by Google, at IPO price of \$18.00.



a) Reflects proceeds pre-underwriter fees and valuation at IPO date assuming no green shoe option. Projections source: Wall Street analysts 30 Days post IPO

Transaction Highlights (Cont'd)

2020 Healthcare Technology and Tech-Enabled Services SPACs

Deal Details	MultiPlan. MultiPlan interprets client needs and customizes solutions that combine payment integrity, networkand analytics-based services Churchill Capital Corp III	SOC Telemed SOC Telemed provides telemedicine technology and solutions that deploys and optimizes programs across all points of the care process Healthcare Merger Corp.	Hims operates a telehealth platform intended to offer wellness products for men and women to find a cure for their day-to-day problems Oaktree Acquisition Corp.	Clover operates a PPO platform that utilizes patient- centered analytics to identify potential risks and directly provide preventive care Social Capital Hedosophia
Acquiror Announced Date	July 10	July 29	October 1	October 6
Closed Date	October 8	October 30		
Sponsor	CHURCHILLCAPITAL	WARBURG PINCUS	January 21	January 7 SOCIALCAPITAL
'	CHURCHILLCAFIIAL	WARBURG PINCUS	OAKTREE	SOCIALCAPITAL
Cash Proceeds to:	40	ФОО Т МИИ это	1	Φ500 M;;;;
Seller	\$0	\$267 Million	\$0	\$500 Million
Balance Sheet	\$860 Million	\$45 Million	\$245 Million	\$668 Million
Valuation				
Market Cap	\$6.7 Billion	\$771 Million	\$1.9 Billion	\$4.4 Billion
EV	\$11.1 Billion	\$721 Million	\$1.6 Billion	\$3.7 Billion
Cash in Trust	\$1.1 Billion	\$250 Million	\$205 Million	\$828 Million
TEV / Cash In Trust	10.1x	2.9x	7.8x	4.5x
Ownership				
SPAC	19%	7%	12%	23%
PIPE	19%	21%	4%	9%
Target Shareholders	62%	72%	84%	68%
Financials				
'20E Revenue	\$1 Billion	\$57.3 Million	\$138 Million	\$671 Million
'20 EBITDA	\$800 Million	(\$8.9) Million	(\$20) Million	(\$43) Million
'21 Rev. Growth	~10%	40%	30%	31%
Returns ^(a)				
1-Day Post Sign	12.1%	9.9%	5.1%	7.0%
1-Day Post Close	(1.8%)	(6.2%)	NA	NA
2020	(20.1%)	(21.6%)	67.7%	46.0%

Clover	Up Health
Clover operates a PPO platform that utilizes patient-centered analytics to identify potential risks and directly provide preventive care	UpHealth operates a digital health technology platform that improves patient access to timely and personalized digital care
Social Capital Hedosophia	GigCapital2
October 6	November 23
January 7	TBD
SOCIALCAPITAL	≪ GigCapital 2 [™]
\$500 Million	\$36 Million
\$668 Million	\$196 Million
\$4.4 Billion	\$1.5 Billion
\$3.7 Billion	\$1.4 Billion
\$828 Million	\$174 Million
4.5x	7.6x
23%	16%
9%	9%
68%	75%
\$671 Million	 \$115 Million
(\$43) Million	\$14 Million
31%	69%
7.0%	1.5%
NA	NA
46.0%	9.5%

2020: Movers, Shakers & Disrupters

Establishing Unprecedented Scale in a Virtual Care World

Teladoc.

HEALTH

Operational Commentary

CEO: Jason Nathanial Gorevic

"Our volume literally doubled overnight"

Realization

"The role of virtual care has accelerated dramatically, 4, 5 vears"

Impact

"[We] delivered over 2.8 million virtual visits in the third quarter, more than triple the number in [Q3] 20191"

Result

(Amounts in Millions)

Financial Review

	As of 12/31/19			As of 1	2/31/20
	2019A	2020E	2021E	2020E	2021E
Revenue	\$553	\$685	\$844	\$1,086	\$1,951
% Growth		24%	23%	96%	80%
Visits	4.1	5.3	6.3	10.2	11.3
% Growth		28%	19%	147%	10%
Members	36.7	39.4	43.7	50.9	73.6
% Growth		7%	11%	39%	45%

Stock Price Performance



Key Acquisitions



- Overview: Livongo is a consumer digital health company that provides programs for enhancing health of the people living with chronic medical conditions
- Announced: August 5, 2020 Closed: October 30, 2020
- EV: \$18.5B
- Mix: 94% Stock / 6% Cash EV / 2020E Revenue: 33.2x
- 2020 Rev Growth: 227%



- Overview: InTouch Health is a provider of enterprise telehealth solutions for hospitals and health systems
- Announced: January 12, 2020
- Closed: July 2, 2020
- EV: \$600M
- Mix: 75% Stock / 25% Cash
- EV / 2020E Revenue: 6.0x
- 2020 Rev Growth: 25%

2020: Movers, Shakers & Disrupters

Delivering Consumer Delight and Health Outcomes to Employers





Chronic Care Management

	Fiscal Year E	LTM	
(Amounts in 000s)	2018	2019	9/30/2020
LTM Revenue	\$68,431	\$170,198	\$317,206
% Growth		149%	86%
Clients	413	819	1,402
% Growth		98%	71%

"Livongo has a significant opportunity to continue growing our member base. Because of our virtuous business model, we believe the COVID-19 pandemic has only reinforced the value of the service we provide our members and clients [...] given that our members represent some of the most vulnerable populations with diabetes and hypertension." Zane M. Burke

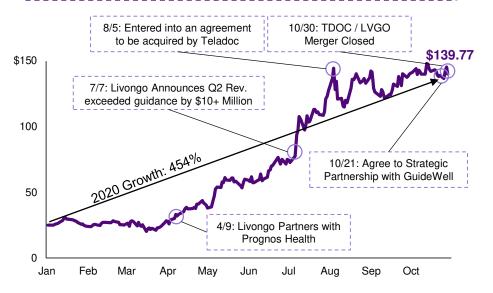
Former CEO & Director

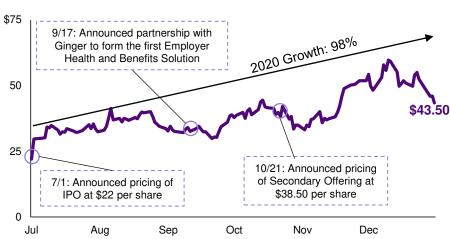
Employer Advocacy and Navigation

	Fiscal Year	LTM	
(Amounts in 000s)	2019	2020	11/30/20 (a)
LTM Revenue	\$94,811	\$132,507	\$155,567
% Growth		40%	17%
Customers	20	54	94
% Growth		170%	74%

"The bottom line is that throughout the course of the year, we've been very consistent around the fact that every market segment and all of our core products have seen traction, so we continue to see a strong demand environment."

> Rajeev Singh CEO

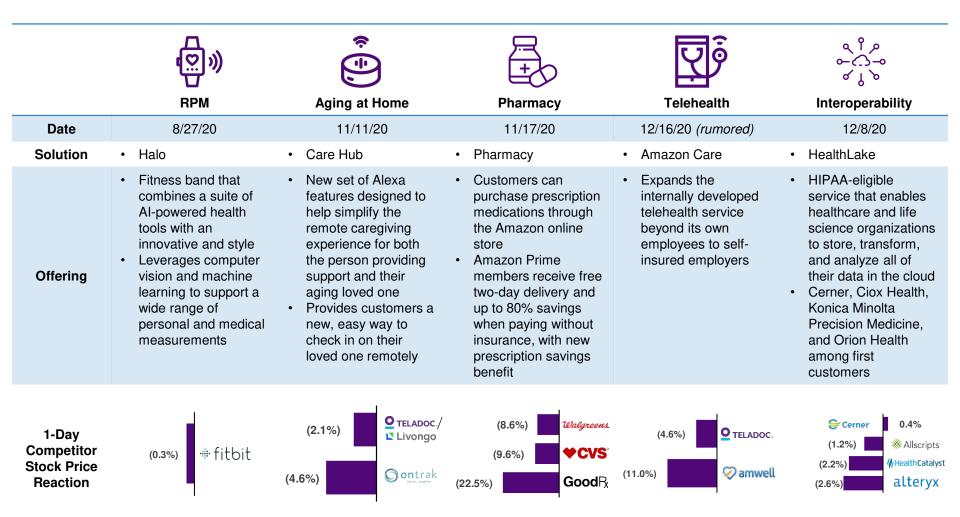




2020: Movers, Shakers & Disrupters

Disrupting at Scale Across Healthcare Tech With Material Moves in Pharmacy & Virtual Care





2020 M&A and Financing Market Review



2020 - Key Takeaways - Core M&A and Financing

Summary Observations From a Historic Year

✓ 2020 was a historic year for Healthcare Tech / Services M&A and investing activity with 789 global total transactions

- Announced financings increased 68% to 454, while total capital proceeds increased 131% to \$19 billion
- Announced M&A increased 9% to 335, where 1H 2020 represented 37% of M&A volume of the full year

✓ Large financing rounds drove capital proceed growth

- Transactions greater than \$50 million drove 24% of the volume (108 transactions) and 69% of the proceeds (\$13 billion)
- Transactions greater than \$100 million drove 12% of the volume (54 transactions) and 50% of the proceeds (\$10 billion)
- Transactions greater than \$200 million drove 3% of the volume (13 transactions) and 24% of the proceeds (\$5 billion)

✓ Following the depths of COVID fear in Q2, the M&A and Financings surged in 2H 2020 with more transactions, larger equity checks and higher Enterprise Values

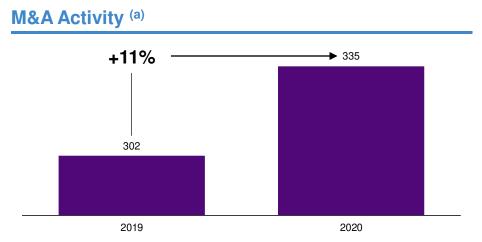
- Financing volume in 2H 2020 was 56% of 2020 volume, but represented 64% of 2020 proceeds, as the average deal size increased 41% from \$34 million in 1H 2020 to \$49 million in 2H 2020
- M&A volume in 2H 2020 was 63% of 2020 volume, but represented 83% of 2020 Enterprise Value, as several large M&A were announced including Teladoc / Livongo, Churchill SPAC / Multiplan, Blackstone / Ancestry, Social Capital SPAC / Clover, Gainwell / HMS, KKR / 1-800 Contacts and LGP / WellSky each over \$3B in Enterprise Value

✓ Core Provider-Tech had the most M&A transactions, while Growth and VC investors favored Virtual Care in 2020

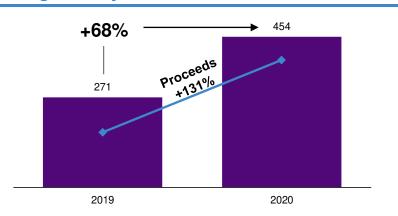
- With 145 identified M&A transactions in 2020, Provider-Tech (including RCM / Payments) represented 43% of M&A transactions, with no other category or end-market representing over 12% of M&A
- With 108 identified financing transactions in 2020, Virtual Care represented 26% of financing volume raising \$3.4 billion in proceeds both of which the ranked first vs. other categories or end-markets
 - Provider-Tech (including RCM / Payments) companies were second by volume at 18% of financing volume raising \$1.9 billion
 - Digital Wellness & Dx companies were second by proceeds at \$3.3 billion raised, which represented 9% of financing volume

2020 Financing Deal Volumes and Size

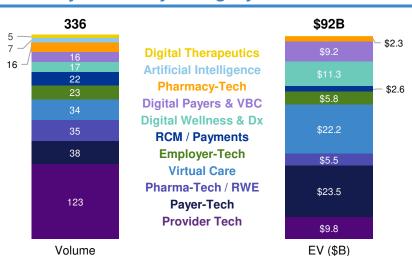
2020 was a Historic Year for Healthcare Tech M&A and Investing Activity With 789 Global Total Transactions



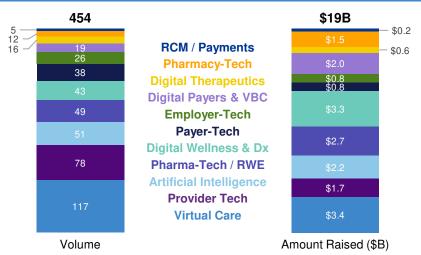
Financing Activity (a)



M&A Activity - 2020 By Category (a)



Financing Activity – 2020 by Category (a)



M&A and Financings: Virtual Care

Financings: \$3.4B Across 117 Transactions M&A: \$22.2B Across 34 Transactions

Key Trends

- ✓ Telemedicine volume spiked with a 5x increase in virtual care encounters
 - Large increase in first time users, particularly seniors drove adoption and sustained levels (as of Sep-20, the number of Americans who participated in at least one telemedicine visit increased 77% for those with a chronic condition and 57% for all Americans)
 - Imbalanced supply and demand accentuated the importance of asynchronous platforms (CirrusMD, 98point6, Pager, Bright.MD, etc.)
- Category definition has expanded to cover all end markets (Payer, Provider, Patient and DTC) with increasing capabilities beyond telemedicine
 - Teladoc's landmark \$18.5B merger with Livongo added remote patient monitoring capabilities with strong employer relationships to its telemedicine platform
- Telebehavioral services increasingly in-demand by employers, providers and payers as consumers and patients faced increasing mental health struggles
 - Through Sep-20, anxiety screens increased 93% and depression screens increased 62% YoY, while 78% of Americans noted that COVID-19 is a significant source of stress
 - Multiple platforms with unique different go-to-market strategies achieved investor / acquiror interest amidst booming demand (Optum / Able To, GigCapital / Uphealth, GC / 8VC / Mindstrong, Advance VP / Bessemer / Ginger, and in January 2021 Hudson / Talkspace)
- Care delivery goes omnichannel as community and value-based providers "meet the patient where they want to be met" with an agility the industry has never experienced before
 - One Medical and Oak Street's IPO both returned ~200% in 2020 as they each refocused patient engagements virtually (Oak Street's business model fully inflected from "100% inpatient to 90% virtual care" at the onset of COVID – and levelled off at 10-20% of visits)
 - lora Health anticipates long-term virtual encounters to settle at roughly 50% from nearly 100% clinic-based (pre-pandemic)

Notable M&A

Date	Acquiror	Target	EV (M)	Target Description
1/12	TELADOC.	InTouch® Health	\$600	Acute care telemedicine
4/28	OPTUM	Able To	\$470	Virtual behavioral healthcare
7/29	Healthcare Merger Corp **	SOC Telemed	\$721	Acute care telemedicine
8/5	TELADOC.	Livongo	\$18,500	Remote patient monitoring
11/23	≪ GigCapital ^{®**}	Up Health CLOUDBREAK	\$1,351	Integrated telehealth

Date	Company	Investors (a)	Raise (M)	Target Description
2/4	🛟 Hinge Health	Bessemer Venture Partners	\$90	MSK-based telemedicine
3/29 5/27	BRIGHT-MD	Concord	\$8 \$17	Non-video virtual care platform
3/31 7/14	Arista MD	MemorialCare. Cigna exercises Ascension Ventures	\$18 \$24	eConsult platform
5/21	mindstrong	GENERAL © CATALYST	\$100	Behavioral telemedicine
7/8	dr. on demand	GENERAL ATLANTIC	\$75	Telemedicine
8/6	ginger	health vegetaty	\$50	On-demand mental healthcare
9/17	Ready Responders	G/DEERFIELD town hall	\$54	On-demand healthcare
10/15	98point6	L CATTERTON	\$118	Chat-based telemedicine

^{**} Indicates SPAC.

a) Lead investor and selected other / prior investors.

M&A and Financings: Employer-Tech

Financings: \$0.8B Across 26 Transactions M&A: \$5.8B Across 23 Transactions

Key Trends

- ✓ Advocacy & Navigation at the center of care and benefit innovation
 - Scaled offerings are leveraging the public markets (Accolade IPO in July) and platform sponsor investments (Quantum Health / Warburg / Great Hill, Grand Rounds / Carlyle)
 - Follow-on investments from Accolade (2nd.MD in 2021),
 Teleperformance (Health Advocate), Everside Health (Health Stat)
- ✓ The continued prioritization of the Net Promoter Score ("NPS")
 - Benefits and navigation providers are driving consumer engagement and activation with a consumer experience mindset supported by Healthcare's newest KPI – NPS
 - NPS is increasingly seen as a primary KPI around decision making
 - Innovative DTC care delivery platforms marketing high NPS to its employer subscription sponsors
- ✓ The verticalization of Remote Patient Monitoring ("RPM")
 - Disease specific RPM is dramatically scaling across diabetes and hypertension with Livongo, IVF / Fertility with Progyny, pregnancy health with Mayen and in MSK with Hinge Health, to cite a few
- ✓ Behavioral health has become a must offer for fortune 500 benefits
 - Employers are targeting programs that drive engagement <u>and</u> ROI (Lyra experiences 15% engagement, Spring Health 30% engagement, Modern Health with 4.95 / 5.00 user satisfaction, Ginger partnership with Accolade)
- ✓ TPAs in HIGH favor
 - New Mountain Capital / HealthComp, Abry / HealthEZ, Beecken Petty / Harbour Benefit / Benefits Administration Corp

Notable M&A

Date	Acquiror	Target	EV (M)	Target Description
7/7 10/21	abry partners	HEALTHEZ BENEFIT RECOVERY GROUP	ND ND	Benefit administration companies
9/9	THE CARLYLE GROUP	GRAND ROUNDS"	\$1,340	Healthcare quality and clinical navigation
10/8	ONEX	ONEDIGITAL	\$2,650	Employee benefits provider
10/27	Teleperformance	Health Advocate	\$690	Navigation and advocacy platform
11/9	N M C	#HealthComp*	ND	Third Party Administrator of benefits
11/20	Warburg Pincus Great Hill	Quantum [*]	ND	Care coordination and navigation platform

Date	Company	Investors (a)	Raise (M)	Target Description
1/27 11/18	spring health	TIGERGLOBAL Northzone	\$22 \$76	Behavioral health platform
2/19	XX MAVEN	O ICON VENTURES SEQUOIA !!! OAKHC/FT	\$45	Women's and family digital health company
2/24	HealthJoy	health <i>velocity</i>	\$30	Benefits experience platform
3/11 8/25	lyra	ADDITION	\$75 \$110	Mental health care benefits
10/22	bind	Ascension Ventures	\$105	Tech-enabled health plan
12/15	▲ Modern Health	BV. Battery Ventures KLEINER PERKINS.	\$51	Mental health and wellness platform

M&A and Financings: Payer-Tech

Financings: \$0.8B Across 38 Transactions M&A: \$23.5B Across 38 Transactions

Key Trends

- ✓ Vibrant / active area for continued capital inflows and M&A
 - Continued 'stand out' segment across Healthcare Tech / Services, in particular for technologies that drive the industry towards VBC
 - Corporate VC investments were higher by 206% in 2020 vs. 2019 with 55 investments from payers including Aetna, Anthem, Blue Venture Fund, Cigna Ventures, Centene, HCSC, Humana, Magellan and **Optum Ventures**
- Multiplan takes the lead with SPACs and gets active with M&A
 - Churchill's merger with MultiPlan for \$11B was one the of the years earliest deSPAC events post-COVID and was an early indicator for the SPAC trend; MultiPlan remained active with subsequent acquisitions of HST and Discovery Health Partners (in 2021)
- ✓ Payment integrity transactions continue across legacy and new models
 - Multiplan, HMS each growing with scale, while Doug Williams and Rialtic embrace open source & AI to disrupt the category
- Specialty benefit management focus with Baird / Oncology Analytics, which grew its customer portfolio by 400% over prior two years
- Sponsor focus on core payer administration with scale
 - GTCR-backed Cedar Gate acquired three businesses (including one in 2021), Blackstone platform investment in HealthEdge and two follow-on acquisitions and Thoma Bravo platform investment in Zipari and follow-on acquisition
- Core payer analytics with innovative and value-based ROI
 - Selected platforms are receiving investments from payers: Abacus Insights (Blue Venture Fund), Diameter Health (Centene, Optum Ventures), Arcadia (Cigna Ventures) and IMCS (The Hartford)

Notable M&A

Date	Acquiror	Target	EV (M)	Target Description
1/9	abry partners	CENTAURI HEALTH SOLUTIONS	ND	Custom workflow for variable revenue mgmt.
3/9	Blackstone	HEALTHEDGE	\$730	CAPS solutions provider
6/25 12/16	CEDAR GATE High-Performance Healthcare	citra (2) deerwalk	ND ND	VBC-enablement
7/28	RENUED TA ASSOCIATES	edifecs	\$1,800	Interoperability and compliance provider
10/8	CHURCHILL QUETES LITT	Multi Plan.	\$11,138	Provider of cost management solutions
11/10	.:i MultiPlan.	A HST	\$140	Referenced-based pricing
12/21	veritas gainwell	O hms	\$3,400	Payment integrity solutions

Date	Company	Investors (a)	Raise (M)	Target Description
1/13	CAREBRIDGE	OAKHC/FT G	\$40	LTSS-related technology solutions provider
5/26	• ONCOLOGY ANALYTICS	BAIRD OAKHC/FT BLUE VENTURE FUND **	\$28	Oncology-focused data analytics
6/16	abacus insights	BLUE VENTURE FUND •• .406 Ventures echo	\$35	Data integration and interoperability platform
11/19		HLM VENTURE PARTNERS .406 Ventures	\$8	Worker compensation telemedicine
12/14	RIALTIC	OAKHC/FT	\$16	Open-source payment integrity solutions
12/16	Diameter Health	CENTENE OPTUM LRYHEALTH	\$18	Clinical data optimizer

^{**} Indicates SPAC.

a) Lead investor and selected other / prior investors.

M&A and Financings: Digital Payers & VBC

Financings: \$2.0B Across 19 Transactions M&A: \$9.2B Across 16 Transactions

Key Trends

- Advances in virtual care and remote patient monitoring increase as 'aging in place' and 'care in the home' transitions from strategic initiatives to core care delivery functions
 - Government-sponsored health with Medicare Advantage (Social Capital / Clover, Tiger / Bright Health, Premji / Iora, Fidelity / Alignment), Managed Medicaid (General Catalyst / Kinnevik / Cityblock, Molina / Affinity)
 - Care in the Home with new disruptive models (Humana / Heal, Optum / Humana / Dispatch Health, 2021 IPO of Signify Health)
 - Primary care going omnichannel (Walgreens / VillageMD, Humana / Welsh Carson, One Medical IPO, Oak Street IPO)
- ✓ Payers increasingly active in acquiring and investing in VBC
 - Humana joint venture with Welsh Carson, investment in Dispatch Health and Heal signal an increasing focus by payers
 - Optum acquisition of naviHealth, Change Healthcare (in 2021) and investment in Diameter and Lumeon
 - <u>Centene</u> investment in Diameter, acquisition of WellCare and acquisition of Magellan (in 2021)
- Tech-enabled care delivery driver of growth in omnichannel approach to patient-focused outcomes
 - Value-based payment models were inherently better positioned to navigate the pandemic (lora Health sent its socioeconomically disadvantaged patients tablets to continue the care delivery remotely, One Medical has 45% monthly active user engagement of its technology)
 - 44% of consumers want a telemedicine option, 41% want to complete forms digitally and 37% want a touchless check-in as of Oct-20

Notable M&A

Date	Acquiror	Target	EV (M)	Target Description
2/3	WCAS	Humana / Partners in Primary Care.	\$600	VBC for Medicare Advantage
5/19	ОРТИМ	naviHealth 🔏	\$2,500	Post-acute care platform
7/8	Walgreens Boots Alilance	VillageMD	\$1,000	Tech-enabled primary care
10/7	SOCIAL **	Clover	\$3,702	Tech-enabled MA health plan

Date	Company	Investors (a)	Raise (M)	Target Description
2/10	iora health	Premij F PRIME .406 Ventures	\$125	Tech-enabled provider for low-income communities
3/4	Alignment Healthcare	Fidelity Seneral T.RowePrice WARBURG PINCUS	\$135	Tech-enabled MA health plan
4/20	Aledade	OMERS	\$64	Medical back office software company
6/23	DispatchHealth	echo OAKHC/FT	\$136	In-home care provider
6/26 12/16	oscar	Alphabet General @ CATALYST khosla ventures TIGERGLOBAL	\$225 \$140	Tech-enabled health insurance
7/29	% heal	Humana	\$100	In-home primary care provider
7/19 12/10	CITYBLOCK	SKINNEVIK COM hall	\$54 \$160	Tech-enabled provider for low-income communities
9/23	bright "	TIGERGLOBAL TROWEPICE Sessions Sessions Sessions Services	\$500	Tech-enabled MA health plan

M&A: Provider-Tech

Provider-Tech M&A (Excluding RCM / Payments): \$9.8B Across 123 Transactions RCM / Payments M&A: \$2.6B Across 22 Transactions

Key Trends

- ✓ Not surprisingly, RCM / Payments continues to be a meaningful driver of Provider-Tech M&A and financing
 - Hospital based solutions are scaling to provide multi-pronged solutions across the revenue cycle and data integrity
 - nThrive Technology supports 37 of the 40 largest healthcare providers in the U.S. was acquired by Clearlake for \$1B+, R1 acquired SCI Solutions to scale further beyond RCM and Cerner's RevWorks for \$220M (cumulative) and Carlyle's CorroHealth was formed from the merger of four businesses to provide scaled solutions
 - Nearly all U.S. hospitals plan to be using Al pervasively across the revenue cycle within three years
 - Key 2020 focus was preparation for price transparency rule, which became effective Jan 1, 2021
 - Post-acute provider eSolutions was acquired by Waystar for \$1.3B to offer a single, end-to-end platform to manage both private and government payments, while LGP / TPG closed an LBO of post-acute and community care provider WellSky
 - Specialty RCM providers Xifin and RSource were acquired by Avista and Sunstone, respectively
 - Healthcare fintech / payments is receiving increasing attention from venture investors (Andreessen Horowit / Cedar, Goldman Sachs / Flywire, Eir Partners / Millenia Payments / Capturenet)
 - Multi-modal solutions are in-demand as providers seek to combine RCM and engagement

Notable M&A

Date	Acquiror	Target	EV (M)	Target Description
1/13 6/3	R1	SCI SOLUTIONS* Bud'on connections for case: Cerner' RewWorks	\$190	SaaS scheduling and RCM Business
1/13 9/30	CARLYLE CorroHealth	TrustHCS AND	ND	Reimbursement cycle services
2/5	AVISTA	XIFIN'	ND	RCM for diagnostic industry
2/18 7/9 8/11	∦ HealthCatalyst	Able Health healthfinch witalware	\$23 \$40 \$120	Saas and workflow integration solutions
6/10	FP ICONIQ	@ QGenda	\$1,050	SaaS workforce management solution
6/25	THOMABRAVO MDP	SYNTELLIS PERFORMANCE SOLUTIONS	\$500	Enterprise performance management software
7/20	LGP TPG	∠ WellSky	\$3,000	Health and community care technology
7/20	DXC.technology	Dedalus	\$525	Open digital health software provider
7/23	PARTNERS	SENIORLINK	\$400	Caregiver education
8/12	♦ WAYSTAR	る。eSolutions	\$1,350	Revenue cycle technology
9/14	NMC New Mountain Capital LLC Cloudmed.	Tiage Consulting Group	ND	Revenue cycle management
11/19	CLEARLAKE CAPITAL	(n)thrive	\$1,000+	Saas revenue cycle management
12/8	PointClickCare	(the collective medical)	\$650	Patient communication platform
12/17	FP KYRUUS	HEALTHSPAR Q °	ND	Developer of healthcare transparency solutions

Financings: Provider-Tech

Provider-Tech Financings (Excluding RCM / Payments): \$1.7B Across 78 Transactions RCM / Payments Financings: \$0.2B Across 5 Transactions

Key Trends

- Physician productivity and workforce management in-demand by an overwhelmed provider network in 2020
 - Francisco Partners-backed Qgenda received a significant investment from IQONIC, which already had broad adoption by over 3.000 customers across more than 30 medical specialties
 - Intelycare added Endeavour as an investor in early 2020, and amidst the pandemic experienced facility demand +106% with certain regions +391%
- ✓ Providers and investors recognize the importance of quality patient communication, activation and engagement tools
 - Pointclickcare acquired Collective Medical, Kyruus raised two rounds from Venrock, Highland and Francisco Partners and acquired HealthSparg, PatientPing raised from Andreessen Horowitz, GV, F-Prime and Transformation Capital and PatientPop raised from HLM, Vivo, Transformation Capital and Toba Capital
- Growth of tech enabling care-in-the-home solutions that connect facilities with clinicians and / or caregivers
 - THL acquired Senior Link and Honor Technology raised a Series D to support caregivers
- ✓ Healthcare infrastructure increasing importance at solving middleware challenges, as the industry reacts to the ONC Final Rule in December 2020
 - Aetion raised from JJDC, EDBI and Greenspring, while New Mountain Capital-backed eMids added Blue Venture Fund as an investor and acquired FlexTech
- ✓ Health Catalyst, who went public in 2019, opened their purse strings in 2020 with the acquisitions of Able Health, Healthfinch and Vitalware

Date	Company	Investors ^(a)	Raise (M)	Target Description
1/8 6/10	KYRUUS	venrock FP HIGHLAND CAPITAL PARTNERS CAPITAL PARTNERS	\$42 \$30	Transparent physician engagement solutions
1/13	Vesta	OAKHC/FT DEERFIELD	\$30	Caregiver software
2/13	f lywire	Goldman Sachs	\$120	Analytics-driven billing & payment platform
2/14	> innovaccer	TIGERGLOBAL	\$70	Data activation platform
2/20	intelycare	endeavour vision KAISER PERMANENTE	\$45	Provider workforce management
3/10	emids experience partnership.	BlueCross BlueShield. Venture Partners	ND	Healthcare infrastructure
5/9	PATIENTPING	ANDREESSEN G/ HOROWITZ F/PRIME	\$60	Care collaboration and e- notification platform
5/19	holmusk	OPTUM HealthCatalyst	\$22	Personalized healthcare
6/22	Cedar	ANDREESSEN HOROWITZ THRIVE (3) KINNEVIK CAPITAL	\$77	End-to-end billing for providers
8/25	PATIENTPOP	HLM PARTNERS TOBA	\$50	Private practice technology
9/9	RSOURCE	SUNSTONE PARTNERS	ND	Specialty RCM for hospitals and health systems
10/13	₩ nym	G/ Bessemel Venture Partners	\$17	Autonomous medical coding
10/27	honor	T.RowePrice	\$140	National home care network
12/30	RapidSOS 🜓	TRANSFORMATION CAPITAL	\$21	Advanced emergency communication

M&A and Financings: Artificial Intelligence

Financings: \$2.2B Across 51 Transactions M&A: No value disclosed Across 7 Transactions

Key Trends

- ✓ Healthcare AI market projected to reach \$501 Billion by 2027, growing at a CAGR of 41.4%
 - Al tools can support human providers in delivering faster service. diagnosing issues, and analyzing data to identify trends or genetic information that would predispose someone to a particular disease
 - Al increasingly an outsourced solution with percent of healthcare organization building AI in-house declining from 21% to 18% by 2023
- ✓ Health plans are utilizing the power of AI to make better predictions from data for external and internal stakeholders
 - Government-sponsored risk adjustment (Centene / Apixio), payment integrity (Sharecare / WhiteHatAl, Oak HC/FT / Rialtic) and consumer engagement (Well Dot) are key drivers for utilization
- Providers increasingly leveraging AI to improve physician workflow
 - 73% of surveyed physicians reported that saving time & resources is the top benefit of Al
 - 50%+ of physicians said they would increase their use and support of Al-driven solutions if they are shown to improve efficiency and quality
 - Olive and LeanTaas are two of most prolific companies in category
 - Olive secured \$382 million in 2020 and supports 600 U.S. hospitals simplify workflows, improve RCM and deliver actionable insights
 - LeanTaas secured \$130 million in 2020 on the back of 50% growth in 2020, increasing its customer base to 100+ health systems and 300+ hospitals
- Clinical research finding innovative applications to improve speed to market and enhance collaboration with Al
 - R&D value chain has accelerated with data-driven drug discovery innovation (insitro) and enhanced RWE to improve the clinical process (Concerto HealthAI, Ciox Health / Medal)

Notable M&A

Date	Acquiror	Target	EV (M)	Target Description
7/27	@sharecare	WHITEHATAI	ND	Payment integrity Al
7/28	CIOX	€ MEDAL	ND	Biomedical NLP
8/19	CHANGE HEALTHCARE	nucleus.io [™]	\$35	Medical imaging Al
11/9	CENTENE' Corporation	₹ APIXIO	ND	NLP driven analytics

Notable Financings

Date	Company	Investors (a)	Raise (M)	Target Description
1/13	Concerto HealthAl	DECLARATION PARTNERS	\$150	Clinical research AI for precision oncology
3/31 9/17 12/1	Olive	GENERAL © CATALYST DRIVE © CAPITAL TIGER GLOBAL OAKHC/FT	\$50 \$106 \$226	Provider workforce Al
5/26	insitro	ANDREESSEN Horowitz	\$143	Machine learning- enabled drug discovery
4/23 7/13	PAIGE	Goldman Sachs	ND \$15	Al-powered oncology research
7/29	sema4	BlackRockOAKHC/FT DEERFIELD HLMI VENTURE OCHO	\$121	Health intelligence platform
8/11	mPulse mobile	OPTUM ECHO HLM VENTURE PARTNERS	\$16	Conversational AI solution
12/10	I LeanTaaS	INSIGHT Sachs	\$130	Provider predictive analytics AI
12/14	well	GENERAL (G) CATALYST	\$40	Consumer engagement &

activation Al

M&A and Financings: Pharma-Tech / RWE

Financings: \$2.7B Across 49 Transactions M&A: \$5.5B Across 35 Transactions

Key Trends

- ✓ Increasing interest / strong M&A activity across Pharma-Tech / RWE market as investors seek to build next generation competitors to IQVIA
 - Led by Cytel, Sparta (two New Mountain Capital exits), and 3 add-ons from W2O also a New Mountain Capital platform investment (2 in 2021), as well as ERT / Bioclinica, Cerner / Kantar
 - Verily added \$700 million in an inside round to continue to grow its human health capabilities
- ✓ COVID-19 served as a meaningful driver of growth for Patient Recruitment / Clinical Trial companies as the global biopharma market raced to develop vaccines
 - TriNetX, the leading global health research network optimizing clinical research to bring new therapies to market faster, saw meaningful growth and attracted Caryle's backing in late 3Q
 - At the time of investment, Carlyle identified organic and inorganic growth opportunities as they seek to expand new clinical research capabilities for healthcare organizations and life sciences customers
 - Several financings in R&D / Post Approval as companies develop unique solutions to advance the speed to market (Andreessen / Oak / Komodo Health, GV / Verana, Insight / Silversmith / Within3, Blackrock / Sema4), Silversmith / Market Access Transformation
- Precision medicine takes step forward with investors seeking differentiated opportunities amidst technological advancements
 - Multiple large acquisitions in 2020 in precision medicine (Blackstone / Precision Medicion, Predictive Oncology / Soluble / BioDtech)
 - While Tempus led the way with \$300 capital raised in 2020, the year also saw major investments in Color Genomics and COTA

Notable M&A

Date	Acquiror	Target	EV (M)	Target Description
1/20	Clarivate [®]	PRE	\$950	Data and analytics platform for pharma
9/21	THE CARLYLE GROUP	TriNetX	ND	Global health research network for clinical trials
11/20	Blackstone	PRECISION MEDICINE GROUP	\$2,300	Next-generation provider of clinical trial services
12/11	ERT	BIOCLINICA	ND	Clinical end-point data solutions
12/16	Cerner	KANTAR HEALTH	\$375	RWE consultancy
12/22	Honeywell	w Sparta Systems	\$1,300	Enterprise quality management

Date	Company	Investors (a)	Raise (M)	Target Description
1/8	komodo health	andreessen horowitz OAKHC/FT	\$50	First of its kind healthcare mapping platform
3/13 12/16	TEMPUS	FRANKLIN NOVO holdings	\$100 \$200	Precision medicine
7/29	sema4	BlackRock.	\$121	Health intelligence platform
8/24	AETION	GREENSPRING CONTROL Trusted Relationships, Better Outcomes.	\$19	Data-focused RWE tech- startup
9/24	Within3	INSIGHT PAST N C S SILVERSMITH SAPITAL PARTNERS	\$100	Enterprise-wide virtual communication platform
11/19	MEDABLE 🔀	SAPPHIRE	\$200	Precision Medicine

M&A and Financings: Digital Therapeutics

Financings: \$0.6B Across 16 Transactions M&A: No value disclosed Across 5 Transactions

Key Trends

- ✓ The digital therapeutics market is forecasted to reach \$6.9 billion by 2025
 - Growth driven not only by the adoption of digital tools, but also by the ongoing need to monitor healthcare costs, and the rising incidence in chronic diseases
- Chronic disease treatments seeking cost-effective options
 - Digital therapeutic leader such as Pear Therapeutics, Virta Health, Kaia, Click Therapeutics and Akili Interactive have developed evidence-based treatments
 - Click / Happify Health / Biofourmis focus on the pharmaceutical market which provides them with a more traditional go-to-market approach vs. focusing on seeking reimbursements through pavers
 - Click's \$500 million commercial partnership with Boehringer Ingelheim led the way
- ✓ COVID-19 triggered recognition of the value of digital therapeutic solutions
 - Digital therapeutics are increasingly being viewed as an alternative to traditional medical devices given the faster iterative design, development, and of late, medical validation
 - The FDA's emergency use approvals announced in Apr-20 temporarily waived requirements for low-risk software tools including digital therapeutics – improving reimbursement
 - Commercial payers are increasingly reimbursing digital health solutions, following Medicare's example
- ✓ Behavioral health solutions experiencing widescale adoption in 2020
 - Providers, payers and employers seeking cost-effective solutions amidst increasing mental and behavioral health challenges (42% of Americans reported an adverse mental or behavioral health condition in June CDC survey)
 - Several fundraising events including Big Health (sleep health), Vida Health (whole health), Sidekick Health (chronic disease management via gamified care), Limbix (adolescent mental health), SilverCloud (whole health)

Notable M&A

Date	Acquiror	Target	EV (M)	Target Description
6/3	@sharecare	MINDSCIENCES	ND	Food, tobacco, stress and anxiety therapeutic

Date	Company	Investors (a)	Raise (M)	Target Description
1/10 12/2	🔾 virta	Ĉ CAFFEINATED © CAPITAL SEQUOIA №	\$93 \$65	Type 2 diabetes treatment
4/8	SilverCloud	MemorialCare. Imposition Rund LRVHEALTH Instightful Capital	\$16	Mental health management
4/30	y ∨ida	Ally Bridge Group	\$25	Whole health virtual management
5/5	△ Limbix	GSR Ventures	\$9	Adolescent mental health management
6/18	Big Health	GLIDEHEALTH Healthcare Revenue Intelligence MORNINGSIDE YENTURE PARTMERS	\$39	Mental health programs
6/18	kaia health	OPTUM CAPITAL 300	\$26	Chronic condition management
8/3	DARIO	NANTAHALA CAPITAL MANAGEMENT, ELG	\$28	Evidenced-based intervention
9/2	<pre>biofourmis</pre>	SoftBank Vision Fund	\$100	Predictive platform for RPM
9/11	CLICK THERAPEUTICS*	Boehringer Ingelheim	\$500 (b)	Commercializes software as medical treatment
10/28	\$ sidekick	wellingtonpartners ASABYS PARTNERS	\$20	Gamified digital care
12/8	PEAR	SoftBank Vision Fund TEMASEK	\$80	Prescription apps to treat addiction and insomnia

a) Lead investor and selected other / prior investors.

M&A and Financings: Digital Wellness & Dx

Financings: \$3.3B Across 43 Transactions M&A: \$11.3 Across 17 Transactions

Key Trends

- ✓ Digital health went mainstream in 2020
 - Calm downloads doubled in 2020, while growing DTC paying members to 4 million and enterprise paying members to 10 million, while Headspace doubled subscribers in Q2 & Q3 YoY, while also unveiling an FDA-approved digital therapeutic meditation program
 - Francisco Partners acquired diet and nutrition leader MyFitnessPal with global ambition, while TCV / Sequoia backed Strava with similar goals in the enthusiast fitness tracking category
- DTC diagnostics transformed from an at-home alternative to critical public health infrastructure
 - While at-home COVID-19 tests were a major driver of traffic, Let'sGetChecked, Everlywell and PWNHealth reported meaningful expansion of their non-COVID tests
 - Genomics companies (Ancestry, Color) expand their capabilities to support pandemic response
- Healthcare brands are delivering a winning value proposition by focusing on consumer experience
 - Ro leverages its men's health platform to build a 'Shopify for Healthcare' platform added \$200 million at a \$1.5 billion valuation while Hims and Hers secured \$1.6 billion in its deSPAC event
 - Supply chain infrastructure platforms like Truepill and PWNHealth are broadly enabling the DTC and Dx marketplace
- Remote patient monitoring is continuing its maturation, evolving from a niche physician directed experience to in-demand consumer product
 - DTC brands Apple, Google / Fitbit, Whoop adding increasingly complex monitoring capabilities to their watches / bands
 - Amazon introduced the Halo band to enter the category
- Explosion of at-home health and fitness alternatives
 - Consumer demand for fresh content and unique experiences has buoyed strong brands such as Peloton, Zwift and Mirror to premium valuations – with key transactions to support their growth in 2020

Notable M&A

Date	Acquiror	Target	EV (M)	Target Description
6/29	① Iululemon	MIRROR	\$500	Connected fitness subscription
10/1	OAKTREE OAKTREE ACQUISITION CORP.	hims	\$1,600	Telehealth and pharmacy platform
10/30	FP FRANCISCO PARTNERS	₩ myfitnesspal	\$345	Health & fitness platform
12/4	Blackstone	→ ancestry	\$4,700	DNA testing services
12/21	$oldsymbol{eta}$ PELOTON $^\circ$	MPRECOR'	\$420	Fitness equipment manufacturer

Date	Company	Investors (a)	Raise (M)	Target Description
2/12 6/14	headspace	blisce/	\$53 \$48	Meditation app
5/6	LetsGet Checked	Illumina DEERFIELD VENTURES PARTNERS HLM PARTNERS	\$71	At-home diagnostics
7/27	ro	GENERAL @ CATALYST	\$200	Telehealth and pharmacy platform
9/17	* pwnhealth	SPECTRUM EQUITY BLUE VENTURE FUND **	ND	At-home diagnostics provider
10/28	WI-10015,	IVP	\$100	Remote monitoring fitness band
11/16	STRAYA	TCV SEQUOIA ╚	\$110	Health & fitness platform
12/3	everlywell	BlackRock	\$175	At-Home diagnostics
12/8	Calm	Lightspeed	\$75	Mindfulness platform

M&A and Financings: Pharmacy-Tech

Financings: \$1.5B Across 12 Transactions M&A: \$2.3B Across 16 Transactions

Key Trends

- ✓ Large-cap retail entered Pharmacy-Tech with a major focus
 - Walmart acquired CareZone to "lower the cost of healthcare for our 160 million customers who shop Walmart each week, while offering convenient options across multiple channels to help them manage their health and wellness"
 - Amazon built on their Pillpack acquisition to launch Amazon Pharmacy "to make it simple for customers to compare prices and purchase medications for home delivery, all in one place"
- Access to and affordability of prescription drugs has served as a driver of financing activity
 - GoodRx investment from Silver Lake and subsequent IPO, Parthenon investment in RxSense, Bain Capital / Mercato Partners investment in Kalderos
 - GoodRx with a Market Cap of \$18.2B, a 2021 Revenue multiple of 24.0x and greater than \$1B in cash, GoodRx sits at the intersection of Pharmacy-Tech and virtual care; its acquisition of HeyDoc in 2019 served as a virtual care beachhead that it is aggressively scaling
- Non-traditional pharmacies remain are both exiting to Payers and raising outsized capital rounds
 - UHG acquisition of divvyDOSE, a pre-sorted medication management solution, while Anthem acquired ZipDrug, a medication adherence and delivery platform
 - JD Health's investment from Hillhouse and subsequent IPO is changing scripts adherence and access across China, while Alto is expanding access with its full-service pharmacy offering
 - Early-stage pharmacy disrupters such as ScriptDrop (Ohio Innovation) and WithMe Health (OMERS / Oak HC/FT)
- ✓ Innovative supply chain models such as Truepill (Oak HC/FT, Optum Ventures) are enabling DTC brand's fulfillment (direct-to-patient), while leveraging its core competencies to launch at-home testing capabilities
- ✓ At the intersection of Pharmacy and Provider-Tech, Parthenon's acquisition of Nuvem seeks to expand its claims management and 340B core capabilities

Notable M&A

Date	Acquiror	Target	EV (M)	Target Description
3/10	GENSTAR	connective	ND	Tech-enabled biopharmaceuticals
6/16	Walmart :	@carezone.	\$200	Medication management software
7/6	Anthem.	(Z) zipdrug	ND	In-home drug delivery & medical adherence
7/22	PARTHENON CAPITAL	~ nuvem⁻	ND	Pharmacy claims administration
9/29	United Healthcare	divvyDOSE	\$300	Digital pharmacy
12/3	RedSail TECHNOLOGIES*	Pioneer Rx Pharmacy Software	ND	Software for community pharmacies
12/31	Advent International	RxBenefits	\$1,100	Provider of pharmacy benefit procurement

Notable Financings

Date	Company	Investors (a)	Raise (M)	Target Description
1/30	alto	SoftBank Vision Fund	\$250	Digital pharmacy
5/12	RXSENSE'	PARTHENON CAPITAL	ND	Prescription drug savings platform
7/8 9/9	Truepill	OAKHC/FT	\$25 \$75	Pharmacy fulfillment platform
7/14	M MEDLY	V GREYCROFT	\$100	Digital pharmacy
11/19	Med Avail	Ally Bridge Group	\$84	Tech-enabled pharmacy automation provider

a) Lead investor and selected other / prior investors.

Financings

Selected Transaction Highlights



Noteworthy 2020 Financings

Date	Company	Lead Investor(s)	Raise (\$M)	Target Category	Date	Company	Lead Investor(s)	Raise (\$M)	Target Category
1/7	GNS HEALTHCARE	MERCK	\$28	Artificial Intelligence	1/27	Revenue Well	MARLIN EQUITY	ND	Provider-Tech
1/7	kry	ONTARIO TEACHERS' PENSION PLAN	\$155	Virtual Care	1/28	wheel	erv	\$14	Virtual Care
1/8	C classpass	L CATTERTON Apax digital	\$285	Digital Wellness & Dx	1/30	alto	SoftBank Vision Fund	\$250	Pharmacy-Tech
1/8	komodo health	ANDREESSEN Horowitz	\$50	Pharma-Tech / RWE	2/3	Lightship	MCKESSON DEFINE VENTURES	\$20	Pharma-Tech / RWE
1/8	KYRUUS	venrock HIGHLAND CAPITAL PARTNERS	\$42	Provider-Tech	2/4	℧ Bench Sci	F/PRIME	\$22	Artificial Intelligence
1/9	aver	ENTERPRISES	\$27	Payer-Tech	2/4	🜓 Hinge Health	Bessemer Venture Partners	\$90	Virtual Care
1/10	🔾 virta	Ĉ CAFFEINATED ÿ CAPITAL	\$93	Digital Therapeutics	2/5	Verana Health	G/	\$100	Pharma-Tech / RWE
1/13	Concerto HealthAl	DECLARATION PARTNERS	\$150	Artificial Intelligence	2/10	iora health	Premji west	\$126	Digital Payers & VBC
1/13	CAREBRIDGE	OAKHC/FT	\$40	Payer-Tech	2/10	Boulder	GREYCROFT	\$11	Virtual Care
1/13	ARCADIA	Cigna.	\$30	Payer-Tech	2/12	headspace	blisce/ PACIFIC WESTERN BANK	\$93	Digital Wellness & Dx
1/13	ziparî	VERTICAL VENTURE PARTNERS	\$23	Payer-Tech	2/12	FINC	■ アイザワ証券 AIZAWA SECURITIES CO., LTD.	\$46	Digital Wellness & Dx
1/13	Vesta	OAKHC/FT DEERFIELD	\$30	Provider-Tech	2/13	-f lywire	Goldman Sachs	\$120	RCM / Payments
1/13	buoy.	Cigna. VENTURES	\$20	Virtual Care	2/13	TapestryHealth"	✓ SoprisCapital	ND	Virtual Care
1/14	color	T.RowePrice 5.	\$75	Digital Wellness & Dx	2/14	> innovaccer	TIGERGLOBAL	\$70	Provider-Tech
1/15	OVIVA	ϯϻϮιͻ	\$21	Virtual Care	2/19	XX MAVEN	(D) ICON VENTURES	\$45	Employer-Tech
1/21	e eClinical solutions	SUMMIT PARTNERS	ND	Pharma-Tech / RWE	2/20	intelycare	endeavour vision	\$45	Provider-Tech
1/27	spring health	Northzone	\$22	Employer-Tech	2/20	O bio	ANDREESSEN HOROWITZ	\$40	Virtual Care

Date	Company	Lead Investor(s)	Raise (\$M)	Target Category
2/24	HealthJoy	health <i>velocity</i>	\$30	Employer-Tech
2/26	ribbon	ANDREESSEN HOROWITZ	\$10	Payer-Tech
2/26	Cera ■	KAIROS°	\$70	Provider-Tech
2/27	k health	14 W MANGROVE CAPITAL PARTNERS	\$48	Virtual Care
2/27	SWORD HEALTH	khosla ventures	\$9	Virtual Care
3/2	QXIQ Healthcare	OAKHC/FT	\$15	Payer-Tech
3/3	Suki	flare	\$20	Artificial Intelligence
3/3	ELEMENT*	DEERFIELD IMING	\$146	Virtual Care
3/4	Alignment Healthcare	Fidelity	\$135	Digital Payers & VBC
3/9	pager	HealthCatalyst	\$33	Virtual Care
3/10	emids experience partnership.	BlueCross BlueShield Venture Partners	ND	Provider-Tech
3/10		DEERFIELD	\$18	Virtual Care
3/11	lyra	IVP	\$75	Employer-Tech
3/12	VAULT H E A L T H	TIGERGLOBAL	\$30	Virtual Care
3/13	TEMPUS	FRANKLIN NOVO TEMPLETON holdings	\$100	Pharma-Tech / RWE
3/17	ŌURA	FORERUNNER Gradient Ventures	\$28	Digital Wellness & Dx
3/18	QuitGenius	octopus ventures	\$11	Virtual Care

Date	Company	Lead Investor(s)	Raise (\$M)	Target Category
3/20	cure.fit	TEMASEK	\$110	Digital Wellness & Dx
3/25	InsightTimer	evolventures	\$27	Digital Wellness & Dx
3/25	smartlinx	MARLIN EQUITY	ND	Provider-Tech
3/29	BRIGHT-MD	B Capital Group VENTURES	\$8	Virtual Care
3/31	Olive	GENERAL (© CATALYST	\$51	Artificial Intelligence
3/31	Arista MD	Memorial Care Cigna. Innovation Fund	\$18	Virtual Care
4/2	((+)) Tele Health	NEW CAPITAL PARTNERS	ND	Virtual Care
4/3	98point6	Goldman Sachs	\$40	Virtual Care
4/7	M DX	relyens (Sham)	\$30	Provider-Tech
4/7	%tyto care™	INSIGHT QUALCOMM VENTURES OLIVETREE	\$50	Virtual Care
4/7	\$\$\frac{1}{3}\$ sondermind*	GENERAL (© CATALYST	\$27	Virtual Care
4/8	SilverCloud	Memorial Care	\$16	Digital Therapeutics
4/10	whole health	ND	\$10	Employer-Tech
4/20	Aledade	OMERS	\$64	Digital Payers & VBC
4/20	***alan	TEMASEK	\$54	Digital Payers & VBC
4/22	HT	MENLO V E N T U R E S	\$13	Provider-Tech
4/23	Paige	Goldman Sachs	ND	Pharma-Tech / RWE

Date	Company	Lead Investor(s)	Raise (\$M)	Target Category
4/24	Clever Care	NORWEST	\$20	Digital Payers & VBC
4/27	medici	Individuals	\$24	Virtual Care
4/28	Tomorrow Health	ANDREESSEN HOROWITZ	\$8	Provider-Tech
4/30	dascena	FRAZIER HEALTHCARE PARTNERS	\$50	Artificial Intelligence
4/30	√ vida	Ally Bridge Group	\$25	Digital Therapeutics
5/4	MEDABLE	GSR VENTURES	\$25	Pharma-Tech / RWE
5/5	△ Limbix	GSR VENTURES	\$9	Digital Therapeutics
5/5	Monogram Health	NORWEST	\$12	Provider-Tech
5/5	TimeDoc™ Health√	VOCAPPARTNERS	\$6	Virtual Care
5/6	LetsGet Checked	illumina PHLM VENTURES HLM PARTNERS	\$71	Digital Wellness & Dx
5/6	F + L J wellth	Soehringer Ingelheim	\$10	Virtual Care
5/8	S OWKIN	bpifrance C CATHAY MACS F	\$25	Pharma-Tech / RWE
5/11	Carbon Health	DC >C	\$26	Virtual Care
5/12	X RXSENSE°	PARTHENON CAPITAL	ND	Pharmacy-Tech
5/12	stellar health	Point 72	\$10	Provider-Tech
5/18	Zing HEALTH	NEW CAPITAL PARTNERS	ND	Digital Payers & VBC
5/19	Kkeep	時代 Jeneration 資本 Capital	\$80	Digital Wellness & Dx

Date	Company	Lead Investor(s)	Raise (\$M)	Target Category
5/19	holmusk	OPTUM WHealthCatalyst	\$22	Provider-Tech
5/19	omada	PERCEPTIVE ADVISORS	\$57	Virtual Care
5/20	amwell 🤣	Takeda	\$194	Virtual Care
5/21	mind stron g	GENERAL © CATALYST	\$100	Virtual Care
5/26	insitro	ANDREESSEN HOROWITZ	\$143	Artificial Intelligence
5/26	ONCOLOGY ANALYTICS	BAIRD	\$28	Payer-Tech
5/27	®higi	babylon	\$30	Digital Wellness & Dx
5/27	BRIGHT·MD	Capital SEVEN PEAKS VENTURES CONCORD	\$17	Virtual Care
5/28	syapse	RP REVELATION PARTNERS	\$30	Pharma-Tech / RWE
6/3	PlushCare	TRANSFORMATION CAPITAL	\$23	Virtual Care
6/9	DNAnexus	PERCEPTIVE ADVISORS Northpond Ventures	\$100	Pharma-Tech / RWE
6/9	PATIENTPING	ANDREESSEN FORIME HOROWITZ G TRANSFORMATION CAPITAL	\$60	Provider-Tech
6/10	KYRUUS	FP FRANCISCO PARTINERS	\$30	Provider-Tech
6/10	RAPIDSOS 🜓	TRANSFORMATION CAPITAL	\$21	Provider-Tech
6/10	ALPHA NEALTH	ANDREESSEN Horowitz	\$20	Provider-Tech
6/14	headspace	blisce/	\$48	Digital Wellness & Dx
6/15	kalderos	BainCapital MERCATO	\$28	Pharmacy-Tech

Date	Company	Lead Investor(s)	Raise (\$M)	Target Category	ı	Date	Company	Lead Investor(s)	Raise (\$M)	Target Category
6/16	• Brightside	ANDREESSEN Horowitz	\$35	Employer-Tech	,	7/16	cohero health	flare	\$10	Payer-Tech
6/16	abacus insights	BLUE VENTURE FUND ◆♥	\$35	Payer-Tech	-	7/19	CITYBLOCK	 ⊗ KINNEVIK	\$54	Digital Payers & VBC
6/17	::: DOCASAP	OPTUM	ND	Payer-Tech	-	7/21	Sprout	GENERAL ⊜ CATALYST ♣ Felicis Ventures Bling Capital	\$10	Virtual Care
6/18	kaia health	OPTUM CAPITAL S00	\$26	Digital Therapeutics	-	7/22	seer	Fidelity	\$55	Pharma-Tech / RWE
6/18	Big Health	HEALTHCARE MORNINGSIDE VENTURES	\$39	Digital Therapeutics	-	7/23	sidecar health	CATHAY	\$20	Payer-Tech
6/22	Cedar	ANDREESSEN Horowitz	\$77	RCM / Payments	-	7/27	ro	GENERAL (© CATALYST	\$200	Digital Wellness & Dx
6/23	SOMATUS. REVOLUTIONIZING KIDNEY CARE	()) Longitude	\$64	Payer-Tech		7/28	Withings	bpifrance	\$60	Digital Wellness & Dx
6/23)))) BrightInsight	INSIGHT PARTNERS	\$40	Pharma-Tech / RWE	-	7/29	42 LEWbO	NORWEST GENERAL © CATALYST	\$60	Digital Wellness & Dx
6/23	dispatch	OPTUM	\$136	Digital Payers & VBC	;	7/29	sema4	BlackRock	\$121	Pharma-Tech / RWE
6/26	oscar	Alphabet GENERAL © CATALYST khosla ventures	\$225	Digital Payers & VBC		7/29	% heal	Humana	\$100	Digital Payers & VBC
6/30	M OMKIN	MUBADALA bpifrance	\$70	Pharma-Tech / RWE	-	7/31	& LEMON AID	OLIVE TREE	\$33	Virtual Care
7/1	evidation	B Capital Group	\$45	Pharma-Tech / RWE		8/3	DARIO	NANTAHALA CAPITAL MANAGEMENT, LLC	\$28	Digital Therapeutics
7/8	Truepill	OPTUM TrustedInsight	\$25	Pharmacy-Tech		8/6	hydrow [.]	L CATTERTON	\$25	Digital Wellness & Dx
7/8	dr. on demand	GENERAL ATLANTIC	\$75	Virtual Care		8/6	: Cipher Health	CIBC	ND	Payer-Tech
7/13	PAIGE	Goldman Sachs	\$15	Artificial Intelligence		8/6	ginger	Bessemer Venture Partners	\$50	Virtual Care
7/14	M MEDLY	VOLITION CAPITAL GREYGROFT	\$100	Pharmacy-Tech	8	8/11	mPulse	OPTUM	\$16	Artificial Intelligence
7/14	Arista MD	Memorial Care. Cigna. Janovetion Rund	\$24	Virtual Care	8	8/11	NURX.	TRUSTBRIDGE 孕 信 资 本	\$23	Digital Wellness & Dx

Date	Company	Lead Investor(s)	Raise (\$M)	Target Category	Date	Company	Lead Investor(s)	Raise (\$M)	Target Category
8/11	reth nk	KI	ND	Provider-Tech	8/25	PATIENTPOP	HLM VENTURE TOBA	\$50	Provider-Tech
8/11	rumeon	OPTUM endeavour vision	\$30	Provider-Tech	8/26	AETION	chmon spekmon innovation - 1995 - GREENSPRING ASSOCIATES Trasted Relationships, Better Outcomes.	\$19	Pharma-Tech / RWE
8/12	edenhealth	flare	\$25	Employer-Tech	9/1	hazel	Owl Ventures BainCapital	\$34	Virtual Care
8/12	Reify HEALTH	Battery	\$30	Pharma-Tech / RWE	9/2	#biofourmis	SoftBank Vision Fund	\$100	Digital Therapeutics
8/13	THREAD	WATER STREET JLL Partners	\$50	Pharma-Tech / RWE	9/2	PicnicHealth	Felicis Ventures ///Amplify	\$35	Virtual Care
8/14	30	polarispartners	\$47	Virtual Care	9/3	PHARMAPACKS ALL YOUR DAILY NEEDS	Reckitt Benckiser	\$40	Digital Wellness & Dx
8/18	CARROT	USVP	\$24	Employer-Tech	9/8	O° optimize.health	USVP	\$16	Virtual Care
8/18	Bridge Connector	axioma va na taura s	\$26	Provider-Tech	9/9	Truepill	OAKHC/FT	\$75	Pharmacy-Tech
8/19	6 castor	TWO SIGMA VENTURES	\$12	Pharma-Tech / RWE	9/9	RSOURCE	SUNSTONE	ND	RCM / Payments
8/19	brightline	Threshold OAKHC/FT	\$20	Virtual Care	9/14	$Good \aleph$	SILVERLAKE	\$100	Digital Wellness & Dx
8/20	JDH,京东健康	Hillhouse Capital	\$830	Pharmacy-Tech	9/14	MDLIVE	SIXTH	\$50	Virtual Care
8/20	Science 37	Red <mark>mile</mark> Group	\$40	Pharma-Tech / RWE	9/15	LIFESPEAK	Round3 KENSINGTON Roynat CAPITAL	\$42	Employer-Tech
8/20	klara	Gradient Ventures Windstein	\$15	Virtual Care	9/15	% MEDIGATE	% partech	\$30	Provider-Tech
8/24	ONE DROP	B B A A E R	\$99	Digital Wellness & Dx	9/16	Z ZWIFT	KKR	\$450	Digital Wellness & Dx
8/24	amwell 🤝	Google	\$100	Virtual Care	9/17	Olive	GENERAL © CATALYST DRIVE CAPITAL	\$106	Artificial Intelligence
8/25	lyra	ADDITION	\$110	Employer-Tech	9/17	TONAL	L CATTERTON	\$110	Digital Wellness & Dx
8/25	prescryptive-	MORNING SIDE V E N T U R E S	\$26	Pharmacy-Tech	9/17	* pwnhealth	Spectrum Equity	ND	Payer-Tech

Date	Company	Lead Investor(s)	Raise (\$M)	Target Category
9/17	Ready Responders	G/	\$54	Virtual Care
9/21	- SSO _{VR}	KAISER PERMANENTE»	\$14	Artificial Intelligence
9/22	A BEYOND LIMITS	C42	\$133	Artificial Intelligence
9/23	bright"	TIGERGLOBAL	\$500	Digital Payers & VBC
9/24	Within3	PARTNERS SILVERSMITH SILVERS	\$100	Pharma-Tech / RWE
9/25	willow	NEA °	\$55	Virtual Care
9/28	n oyo	Costanoa Ventures	\$13	Payer-Tech
9/30	XtalPi	SoftBank	\$319	Artificial Intelligence
10/1	tend	G/	\$37	Digital Payers & VBC
10/5	Your.MD	Reckitt Benckiser	\$30	Virtual Care
10/6	ICON	L CATTERTON	\$200	Digital Wellness & Dx
10/7	A ail	D1 CAPITAL PARTNERS	\$100	Virtual Care
10/7	Cerebral	OAKHC/FT	\$35	Virtual Care
10/8	Ø DATAVANT	TRANSFORMATION	\$40	Pharma-Tech / RWE
10/8	tiger connect	HealthQuest C A P I T A L	\$45	Provider-Tech
10/8	lark	KING RIVER	\$55	Virtual Care
10/9	∜ nOCD	⊯ HEP	\$12	Virtual Care

Date	Company	Lead Investor(s)	Raise (\$M)	Target Category
10/13	№ nym	G/	\$17	RCM / Payments
10/15	98point6 .	L CATTERTON	\$118	Virtual Care
10/19	(h[s]) HYPERSCIENCE	TIGERGLOBAL	\$80	Artificial Intelligence
10/20	e Visi€°	TVC	\$14	Virtual Care
10/22	bind	SCENSION Ventures	\$105	Employer-Tech
10/22	loyal	CONCORD	\$12	Provider-Tech
10/27	honor	T.RowePrice	\$140	Provider-Tech
10/28	\$ sidekick	wellingtonpartners ASABYS PARTNERS	\$20	Digital Therapeutics
10/28	WI-100P	I V P	\$100	Digital Wellness & Dx
10/29	homethrîve	Wire Ventures	\$18	Payer-Tech
11/9	eko	HIGHLAND QUESTA CAPITAL PARTNERS	\$65	Virtual Care
11/10	Carbon Health	DRAGONEER	\$100	Digital Payers & VBC
11/10	buoy	Cigna Humana	\$38	Virtual Care
11/12	PHARMAPACKS ALL YOUR DAILY NEEDS	CARLYLE	\$250	Digital Wellness & Dx
11/16	STRAYA	TCV SEQUOIA ╚	\$110	Digital Wellness & Dx
11/17	turtlemint	GGV CAPITAL	\$30	Virtual Care
11/18	spring health	TIGERGLOBAL	\$76	Employer-Tech

Date	Company	Lead Investor(s)	Raise (\$M)	Target Category
11/18	Headway	THRIVE G/	\$26	Payer-Tech
11/19	Med Avail	Ally Dridge Group	\$84	Pharmacy-Tech
11/19	MEDABLE	SAPPHIRE VENTURES	\$91	Pharma-Tech / RWE
11/19		HLM PARTNERS .406 Ventures	\$8	Payer-Tech
11/24	WSLL™	LEADEDGE C A P I T A L	\$45	Provider-Tech
12/1	Olive	TIGERGLOBAL	\$226	Artificial Intelligence
12/1	MATIRPR RAPID PAYER RESPONSE	SILVERSMITH CAPITAL PARTNERS	\$30	Pharma-Tech / RWE
12/2	🔾 virta	SEQUOIA╚	\$65	Digital Therapeutics
12/3	everlywell	BlackRock.	\$175	Digital Wellness & Dx
12/8	PEAR THERAPEUTICS	SoftBank Vision Fund	\$80	Digital Therapeutics
12/8	Calm	Lightspeed	\$75	Digital Wellness & Dx
12/8	ELLIGO HEALTH RESEARCH	Cerner	ND	Pharma-Tech / RWE
12/9	CITYBLOCK	GENERAL (© CATALYST	\$160	Digital Payers & VBC
12/10	LeanTaaS Better Healthcare Through Atath	INSIGHT — PARTNERS —	\$130	Artificial Intelligence
12/14	RIALTIC	OAKHC/FT	\$16	Payer-Tech
12/14	well	GENERAL (© CATALYST	\$40	Artificial Intelligence
12/15	▲ Modern Health	Battery	\$51	Employer-Tech

Date	Company	Lead Investor(s)	Raise (\$M)	Target Category
12/15	n <mark>f</mark> erence®	MATRIX CAPITAL MANAGEMENT	\$60	Pharma-Tech / RWE
12/16	Diameter Health	CENTENE® Corporation	\$18	Payer-Tech
12/16	TEMPUS	BAILLIE GIFFORD	\$200	Pharma-Tech / RWE
12/16	oscar	TIGERGLOBAL	\$140	Digital Payers & VBC
12/17	HI	WENTURES	\$58	Pharma-Tech / RWE
12/18	<u>v</u> erily	Alphabet SILVERLAKE TEMASEK ONTARIO TEMASEK	\$700	Pharma-Tech / RWE
12/23	X 23andMe	SEQUOIA Ľ NEW VIEW	\$83	Digital Wellness & Dx
12/28	@ ECHELON	Goldman Sachs	\$65	Digital Wellness & Dx
12/30	RapidSOS 🕕	TRANSFORMATION CAPITAL	\$21	Provider-Tech

M&A

Selected Transaction Highlights



Noteworthy 2020 M&A

Date	Acquiror	Target	EV (\$M)	Target Category
1/7	PRESS GANEY	SMD	ND	Employer-Tech
1/7	healthgrades .	evariant •	ND	Provider-Tech
1/8	WINDROSE HEALTH INVESTORS	medicalknowledgegroup	ND	Pharma-Tech / RWE
1/8	bright"	brand new day	ND	Digital Payers & VBC
1/9	abry partners	CENTAURI HEALTH SOLUTIONS	ND	Payer-Tech
1/10	SCI SOLUTIONS ⁸ Building connections for care.	i tonic	ND	Provider-Tech
1/12	O TELADOC.	InTouch Health	\$600	Virtual Care
1/13	⊘ CredSimple	GLENRIDGE H E A L T H	ND	Payer-Tech
1/13	CAREBRIDGE		ND	Payer-Tech
1/13	CAREBRIDGE	o sinq	ND	Payer-Tech
1/13	CARLYLE	Trusthcs ** HEALTHCARE CONSULTING SERVICES	ND	Provider-Tech
1/13	GHX.	lumere	ND	Provider-Tech
1/13	R1 .	SCI SOLUTIONS ⁸ Building connections for care:	\$190	RCM / Payments
1/20	Clarivate Analytics	DRG REGION REALINGS (BLLP	\$950	Pharma-Tech / RWE
1/29	AMN* Healthcare	STRATUS"	\$475	Virtual Care
1/30	VillageMD'	SUMMIT MEDICAL GROUP	ND	Digital Payers & VBC
1/31	ResMed	snapworx	ND	Provider-Tech

Date	Acquiror	Target	EV (\$M)	Target Category
2/3	WCAS	Humana/ Partners in Primary Care.	\$600	Digital Payers & VBC
2/4	PREMIER	acurity X nexera	\$292	Provider-Tech
2/5	CGM CompuGroup firedical	(Germany / Spain)	\$248	Provider-Tech
2/5	A V I S T A	XIFIN	ND	RCM / Payments
2/11	On/Shift	AVESTA	ND	Provider-Tech
2/14	S ymplr'	patient safety company	ND	Provider-Tech
2/18	HealthCatalyst	Able Health	\$23	Provider-Tech
2/20	X VYNE	Renaissance	ND	Provider-Tech
2/24	@sharecare	V isualize Health	ND	Payer-Tech
2/27	naviHealth A Cardinal Health Company	innovative Healthcare Delivery	ND	Digital Payers & VBC
3/4	MindCare	PSYCH NOW	ND	Virtual Care
3/4	ginger	live <mark>]</mark> etter	ND	Virtual Care
3/9	Blackstone	HEALTHEDGE	\$730	Payer-Tech
3/9	Health Stream,	NurseGrid	\$25	Provider-Tech
3/9	carepayment°	HORIZON	ND	Digital Payers & VBC
3/10	GENSTAR	connective®	ND	Pharmacy-Tech
3/10	VERITAS GAPTE	DX DXC.technology Health and Human Services	\$4,966	Payer-Tech

Date	Acquiror	Target	EV (\$M)	Target Category
3/11	WebMD	įįį STAYWELL.	ND	Payer-Tech
3/25	⇔ RLDatix [™]	Transparent Health Consulting	ND	Provider-Tech
4/8	trc*	critical point	ND	Provider-Tech
4/13	ONE DROP	Sano Continuous Glucose Sensing Platform	ND	Virtual Care
4/16	TPG SILVERSMITH SUMMIT PARTNERS PARTNERS	LifeStance	ND	Digital Payers & VBC
4/20	ADVARRA advancing Better research	IIDca.	ND	Pharma-Tech / RWE
4/25	Genalyte	:: Base Health	ND	Provider-Tech
4/28	△ INNOVACARE	TRIN TY	ND	Digital Payers & VBC
4/28	OPTUM	Able To	\$470	Virtual Care
4/30	MOLINA' HEALTHCARE	Magellan COMPLETE CARE.	\$820	Digital Payers & VBC
5/4	carecentrix.	TURN-KEY	ND	Payer-Tech
5/4	CHANGE HEALTHCARE	Network	\$213	Pharmacy-Tech
5/4	KaufmanHall	CHANGE HEALTHCARE Connected Analysis Business	ND	Provider-Tech
5/5	PointClickCare [®]	CONSONUS CO-PILOT	ND	Provider-Tech
5/7	LogistiCare	NATIONAL MEDTRANS	\$80	Payer-Tech
5/14	Net Health	TISSUE ANALYTICS	ND	Provider-Tech
5/18	cognosante	EİS	ND	Payer-Tech

Date	Acquiror	Target	EV (\$M)	Target Category
5/19	OPTUM	naviHealth A	\$2,500	Digital Payers & VBC
5/19	omada	♥ PHYSERA	\$30	Virtual Care
6/1	CHANGE HEALTHCARE	PDX	\$208	Pharmacy-Tech
6/3	© sharecare	MINDSCIENCES	ND	Digital Therapeutics
6/3	R1	Cerner RevWorks	\$30	RCM / Payments
6/3	M∧VEN	Bright	ND	Virtual Care
6/10	Milliman	🛟 healthio	ND	Employer-Tech
6/10	ICONİQ	@ QGenda	\$1,050	Provider-Tech
6/10	⊘ ERT	APDM WEARABLE TECHNOLOGIES	ND	Virtual Care
6/16	Walmart 🔆	@carezone.	\$200	Pharmacy-Tech
6/16	W UNITE US	S staplehealth	ND	Provider-Tech
6/16	doximity	THMED HEALTHCARE STAFFING SOLUTIONS	ND	Provider-Tech
6/22	HOHYTAT CATHAL	HPONE	ND	Payer-Tech
6/24	TANDEM* DIABETES CARE	sugarmate	ND	Virtual Care
6/25	CEDAR GATE	citra	ND	Payer-Tech
6/25	THOMABRAVO MDP	SYNTELLIS PERFORMANCE SOLUTIONS	\$500	Provider-Tech
6/29	1 Iululemon	MIRROR	\$500	Digital Wellness & Dx

Date	Acquiror	Target	EV (\$M)	Target Category	Date	Acquiror	Target	EV (\$M)	Target Category
7/6	Anthem.	⟨Z⟩ zipdrug	ND	Pharmacy-Tech	7/29	Healthcare Merger Corp. **	SOC Telemed	\$721	Virtual Care
7/7	abry partners	HEALTHEZ	ND	Employer-Tech	8/4	GI PARTNERS	Clinical Ink*	ND	Pharma-Tech / RWE
7/8	Walgreens	Village MD'	\$1,000	Digital Payers & VBC	8/4	CENTAURI HEALTH SOLUTIONS ®	AppRev	ND	RCM / Payments
7/9	W HealthCatalyst	healthfinch	\$40	Provider-Tech	8/5	TELADOC.	Livongo [™]	\$18,500	Virtual Care
7/13	MDP	Benefytt	\$410	Payer-Tech	8/11	HealthCatalyst	w vitalware	\$120	Provider-Tech
7/20	healthverity	Curisium	ND	Pharmacy-Tech	8/12	Omnicell'	Software-Enabled Service Business	\$225	Pharmacy-Tech
7/20	LGP	WellSky	\$3,000	Provider-Tech	8/12	⇔ WAYSTAR	≥ eSolutions	\$1,350	RCM / Payments
7/20	dedalus mals que cloud computing	DXC.technology Healthcare Provider Software Business	\$525	Provider-Tech	8/14	healthline	PsychCentral*	ND	Digital Wellness & Dx
7/21	HEALTHEDGE	Burgess	ND	Payer-Tech	8/19	CHANGE HEALTHCARE	nucleus.io ~	\$35	Artificial Intelligence
7/22	PARTHENON CAPITAL	~ nuvem⁻	ND	Pharmacy-Tech	8/19	CENTAUR HEALTH SOLUTIONS	HCFS	ND	Payer-Tech
7/23	THL Thomas H. Lee Partners	SENIORLINK	\$400	Provider-Tech	8/19	vocera	ease	ND	Virtual Care
7/27	@sharecare	WHITEHATAI	ND	Artificial Intelligence	8/24	CloudMD	Re: Function Health Group Inc.	ND	Virtual Care
7/27	WINDROSE	CAREGIVER Lang-term Care Services & Supports	ND	Provider-Tech	8/25	quali <i>facts</i>	CREDIBLE	ND	Provider-Tech
7/28	CIOX	9 MEDAL	ND	Artificial Intelligence	8/25	Otsuka	Assets of proteus*	ND	Virtual Care
7/28	EQUALITY ASSET MANAGEMENT	mind oula	ND	Payer-Tech	8/26	CHANGE HEALTHCARE	PROMETHEUS	ND	Payer-Tech
7/28	ASSOCIATES FRANCISCO PARTNERS	edifecs	\$1,800	Payer-Tech	8/27	DISCOVERY™ HEALTH PARTNERS	CONSOVA Payment Integrity Business	ND	Payer-Tech
7/28	W ₂ O	DISCERN	ND	Pharma-Tech / RWE	8/31	BAYER ER	care/of	\$158	Digital Wellness & Dx

Date	Acquiror	Target	EV (\$M)	Target Category	D	Date	Acquiror	Target	EV (\$M)	Target Category
9/1	Premise Health	Care Here!	ND	Employer-Tech	1	10/7	SOCIAL CAPITAL	Clover	\$3,702	Digital Payers & VBC
9/1	WELL Health TECHNOLOGIES CORP	Circle Medical	\$14	Virtual Care	1	10/8	ONEX	ONEDIGITAL HEALTH AND BENEFITS	\$2,650	Employer-Tech
9/1	BAIRD	blue matter	ND	Virtual Care	1	10/8	CHURCHILL QUETTAL III **	Multi Plan.	\$11,138	Payer-Tech
9/2	Amplicare	FDS	ND	Pharmacy-Tech	10	0/12	everside HEALTH.	healthstat"	ND	Employer-Tech
9/9	QHR.	resolution	ND	Provider-Tech	10	0/13	Corrona data to empower	HealthUnlocked	ND	Pharma-Tech / RWE
9/9	THE CARLYLE GROUP	GRAND ROUNDS	\$1,340	Employer-Tech	10	0/13	Health Stream,	Shiftwizard	\$32	Provider-Tech
9/11	Verisk	FRANCO SIGNOR	\$160	Payer-Tech	10	0/14	JLL Partners	Mede/Analytics*	ND	Provider-Tech
9/14	Cloudmed. NMC New MOUNTAIN CAPITAL LLC	Triage Consulting Group	ND	Provider-Tech	10	0/14	▲ WellSky	CarePort	\$1,350	RCM / Payments
9/14	CloudMD	CMI	\$10	Virtual Care	10	0/19	KAINOS CHANGE CAPITAL AT WORK	tivity (Nutrition Business)	\$575	Digital Wellness & Dx
9/21	CARLYLE	TriNetX	ND	Pharma-Tech / RWE	10	0/20	Netsmart		ND	Provider-Tech
9/22	ş ğymplr [*]	COMPLYTRACK	ND	Provider-Tech	10	0/20	LINDEN	VITAL CARE®	ND	Provider-Tech
9/23	KKR	1800 contacts	\$3,000	Digital Wellness & Dx	10	0/21	abry partners	BENEFIT RECOVERY GROUP	ND	Employer-Tech
9/29	Modicare	Simplura HEALTH GROUP	\$575	Payer-Tech	10	0/21	⇔ RLDatix	▶ VERGE HEALTH	ND	Provider-Tech
9/29	IJ UnitedHealth Group [™]	divvyDOSE	\$300	Pharmacy-Tech	10	0/23	ş ymplr [*]	TractManager Smarter decisions. Smarter healthcare.	ND	Provider-Tech
9/30	CARLYLE CorroHealth	SYSTEM RevCycle+	ND	RCM / Payments	10	0/26	FRAZIER HEALTHCARE PARTNERS	ACCUITY	ND	Provider-Tech
10/1	OAKTREE** OAKTREE	hims	\$1,600	Digital Wellness & Dx	10	0/27	Teleperformance	Health <mark>Advocate</mark>	\$690	Employer-Tech
10/5	TABULARASA	personica	\$51	Pharmacy-Tech	10	0/27	S SASSAULT SASSEMES SASSEMES	∴ mc10° Digital Biometric Bus.	ND	Pharma-Tech / RWE

Date	Acquiror	Target	EV (\$M)	Target Category
10/30	FP FRANCISCO PARTNERS	** myfitnesspal	\$345	Digital Wellness & Dx
11/9	CENTENE* Corporation	< APIXIO	ND	Artificial Intelligence
11/9	N M C New Mountain Capital LLC	#HealthComp*	ND	Employer-Tech
11/10	Multi Plan	HST REVOLUDIRED RANDONS	\$140	Payer-Tech
11/12	talkspace	lasting	ND	Virtual Care
11/16	CENTAURI HEALTH SOLUTIONS ®	IVY VENTURES, LLC* Heathcare Growth Solutions	ND	Provider-Tech
11/19	CLEARLAKE CAPITAL	(n)thrive	\$1,000 +	RCM / Payments
11/20	Blackstone	PRECISION MEDICINE GROUP	2,300	Pharma-Tech / RWE
11/20	Warburg Pincus Great Hill	Quantum	ND	Employer-Tech
11/23	CGM CompuGroup Medical	eMDs	€203	Provider-Tech
11/23	≪ GigCapital ^{2**}	Up Health CLOUDBREAK	\$1,351	Virtual Care
11/24	Signify	Patient B lox\$	ND	Payer-Tech
11/24	Transaction Data Systems	KLOUDSCRIPT Community Led Specialty Pharmacy Care	ND	Pharmacy-Tech
12/2	NOVACAP ^Ø	Logibec	ND	Provider-Tech
12/3	RedSail TECHNOLOGIES"	Pioneer Rx Pharmacy Sottware	ND	Pharmacy-Tech
12/4	Blackstone	→ ancestry	\$4,700	Digital Wellness & Dx
12/8	ro	workpath	ND	Digital Wellness & Dx

Date	Acquiror	Target	EV (\$M)	Target Category
12/8	PointClickCare ⁻	CollectiveMedical TECHNOLOGIES*	\$650	Provider-Tech
12/11	ERT [®]	BIOCLINICA SEE MORE CLEARLY	ND	Pharma-Tech / RWE
12/16	CEDAR GATE Milgh-Performance Healthcare	deerwalk	ND	Employer-Tech
12/16	Cerner	KANTAR HEALTH	\$375	Pharma-Tech / RWE
12/21	p	IIPRECOR	\$420	Digital Wellness & Dx
12/21	veritas gainwell	thms *	\$3,400	Payer-Tech
12/21	Nordic Capital estorg.	Cytel	ND	Pharma-Tech / RWE
12/22	Honeywell	W Sparta Systems	\$1,300	Pharma-Tech / RWE
12/27	Evercommerce	updox	ND	Virtual Care
12/29	HEALTHEDGE	Altruista HEALTH	ND	Payer-Tech
12/31	Advent International	RxBenefits	\$1,100	Pharmacy-Tech

Methodology and Sources

	Methodology	 Market-cap weighted indices includes index members who were public at the start of the index time period Market-cap fixed as of Day 0 of each index Indices vary due to the addition of companies who went public mid-year
Capital Markets	Index Members	 PJ SOLOMON Healthcare Technology & Tech-Enabled Services index: Companies included in its Payer-Tech, Employer-Tech, Provider-Tech, Pharma-Tech and Virtual Care categories that are public at the start of the review period Payer-Tech index: Change Healthcare, eHealth, GoHealth HMS Holdings, Inovalon Holdings, ModivCare, Multiplan (2021 only), Nuance Communications, Ontrak, Tabula Rasa Healthcare and Tivity Health Employer-Tech index: Accolade, Benefitfocus, Castlight Health, HealthEquity and Progyny Provider-Tech index: Allscripts, Cerner, CPSI, Craneware, Healthstream, Health Catalyst, NextGen Healthcare, Phreesia, Premier, Omnicell, R1 RCM, Vocera and WELL Health Pharma-Tech index: IQVIA Holdings, OptimizeRx and Veeva Systems Virtual Care index: American Well (2021 only), Fitbit, GoodRx (2021 only), Livongo (through 10/30/2020), One Medical (starting 1/30/2020),Oak Street Health (2021 only), Peloton, SOC Telemed (2021 only), Teladoc Digital Payers & VBC index: Anthem, Centene, Cigna, Evolent Health, Humana, Magellan Health, Molina Healthcare and UnitedHealth Group
	Sources	 Select company performance commentary: Wall Street Research Historical data: Public filings, Bloomberg and Capital IQ Projections: Wall Street research as of identified date
Financing Transactions	Methodology	 PJ SOLOMON tracks financing transactions daily across Healthcare and selectively included transactions that fit within the 12 identified categories of the coverage universe (Virtual Care, Digital Wellness & Dx, Payer-Tech, Provider-Tech, RCM / Payments, Pharma-Tech / RWE, Pharmacy-Tech, Artificial Intelligence, Digital Payers & VBC, Digital Therapeutics) Transaction limited to financings greater than \$5 million and undisclosed growth equity investments Excludes institutional capital raise (IPO, Secondary, Conv. Pref.) Targets that fall into multiple categories are categorized based on most representative identifier
	Sources	 Transactions: PJ SOLOMON proprietary database developed from public filings, Pitchbook and public news sources Thematic commentary: public filings, investor transcripts, CB Insights, and white papers / reports from Change Healthcare, CB Partners, Deloitte, Cedar, Health Edge, Intelycare, Virgin Pulse
M&A Transactions	Methodology	 PJ SOLOMON tracks financing transactions daily across Healthcare and selectively included transactions that fit within the 12 identified categories of the coverage universe (Virtual Care, Digital Wellness & Dx, Payer-Tech, Provider-Tech, RCM / Payments, Pharma-Tech / RWE, Pharmacy-Tech, Artificial Intelligence, Digital Payers & VBC, Digital Therapeutics) Categorized based on the target description Targets that fall into multiple categories are categorized based on most representative identifier
	Sources	 Transactions: PJ SOLOMON proprietary database developed from public filings, Pitchbook and public news sources Thematic commentary: public filings, investor transcripts, CB Insights and white papers / reports from ICON plc,

Stock Price Performance & Valuation



Healthcare Technology & Tech-Enabled Services

	Price		S	tock Price	Performance	е		Equity	Enterprise	Revenue	% Rev	Growth	EV / Re	evenue	EBITDA	Margin	EV / EI	BITDA	Price	/ EPS
Company Name	1/29/21	Weekly	1-Month	3-Month	6-Month	LTM	2020	Value	Value	CY2020	CY2021	CY2022	CY2020	CY2021	CY2020	CY2021	CY2020	CY2021	CY2020	CY2021
Payer-Tech																				
Change Healthcare	\$23.86	(0.8%)	31.3%	67.3%	102.7%	49.1%	13.8%	\$7,292	\$12,178	\$3,031	12.3%	7.7%	4.0 x	3.6 x	28.7%	30.7%	14.0 x	11.6 x	21.9 x	15.3 x
eHealth	47.85	(40.0%)	(32.7%)	(30.3%)	(31.5%)	(59.6%)	(26.5%)	1,239	1,041	582	43.0%	31.0%	1.8 x	1.3 x	25.0%	23.5%	7.2 x	5.3 x	11.6 x	9.3 x
GoHealth	13.31	(11.4%)	0.0%	27.6%	(24.0%)	IPO	IPO	4,275	5,307	870	35.8%	27.8%	6.1 x	4.5 x	32.3%	34.1%	18.9 x	13.2 x	29.6 x	16.2 x
HMS Holdings	36.82	0.2%	0.4%	38.4%	12.7%	33.2%	24.2%	3,260	3,289	680	8.4%	6.9%	4.8 x	4.5 x	26.3%	27.6%	18.4 x	16.2 x	29.7 x	27.3 x
Inovalon	24.40	(5.9%)	35.3%	26.5%	8.3%	19.4%	(3.5%)	3,792	4,666	667	12.9%	10.4%	7.0 x	6.2 x	34.5%	35.6%	20.3 x	17.4 x	40.7 x	33.0 x
ModivCare (FKA Providence)	158.57	(6.4%)	17.9%	36.5%	93.3%	147.6%	134.3%	2,249	2,066	1,359	50.1%	6.0%	1.5 x	1.0 x	12.3%	8.7%	12.3 x	11.7 x	21.9 x	23.8 x
MultiPlan Corporation	7.98	6.5%	(6.8%)	5.1%	IPO	IPO	IPO	5,326	10,532	925	14.1%	9.6%	11.4 x	10.0 x	75.4%	77.9%	15.1 x	12.8 x	NM	NM
Nuance Communications	45.54	(6.7%)	4.3%	39.7%	65.2%	134.6%	147.3%	12,974	14,139	1,355	1.2%	10.0%	10.4 x	10.3 x	24.1%	29.3%	43.3 x	35.2 x	71.2 x	58.4 x
Ontrak	79.29	10.4%	20.1%	24.7%	104.8%	367.0%	278.8%	1,381	1,370	83	104.0%	72.1%	16.6 x	8.1 x	NM	8.7%	NM	NM	NM	NM
Tabula Rasa HealthCare	56.79	10.4%	36.6%	58.0%	1.6%	1.7%	(12.0%)	1,279	1,487	295	18.5%	18.4%	5.0 x	4.3 x	7.3%	11.4%	NM	37.2 x	NM	NM
Tivity Health	22.55	2.7%	18.4%	63.2%	65.6%	1.0%	(3.7%)	1,096	2,057	1,065	NA	18.9%	1.9 x	4.2 x	20.4%	30.5%	9.5 x	13.8 x	13.5 x	16.0 x
	Mean Median	(3.7%) (0.8%)	11.4% 17.9%	32.4% 36.5%	39.9% 38.9%	77.1% 33.2%	61.4% 13.8%				30.0% 16.3%	19.9% 10.4%	6.4 x 5.0 x	5.3 x 4.5 x	28.6% 25.7%	28.9% 29.3%	17.7 x 15.1 x	17.4 x 13.5 x	30.0 x 25.8 x	24.9 x 20.0 x
		(5.5,1)		00.07.			10.0,1													
Employer-Health Tech																				
Accolade	\$50.69	(14.2%)	10.2%	44.9%	42.8%	IPO	IPO	\$2,804	\$2,385	\$153	25.6%	29.1%	15.6 x	12.4 x	NA	NM	NA	NM	NA	NM
Benefitfocus	12.30	(12.1%)	(12.9%)	16.0%	16.6%	(33.7%)	(34.0%)	396	481	266	3.8%	10.5%	1.8 x	1.7 x	14.3%	14.8%	12.6 x	11.8 x	NM	NM
Castlight Health	1.78	9.9%	30.9%	89.4%	61.8%	39.1%	(2.3%)	274	229	142	(7.8%)	9.8%	1.6 x	1.7 x	5.7%	0.6%	28.1 x	NM	NM	NM
HealthEquity	83.55	(2.1%)	20.9%	62.5%	55.4%	18.4%	(5.9%)	6,433	7,134	730	5.1%	6.5%	9.8 x	9.3 x	32.4%	33.5%	30.1 x	27.7 x	52.5 x	48.6 x
Progyny	46.77	(6.9%)	10.5%	90.1%	80.2%	53.3%	54.4%	4,052	3,947	343	55.0%	42.6%	11.5 x	7.4 x	8.8%	10.3%	NM	NM	NM	NM
	Mean	(5.1%)	11.9%	60.6%	51.4%	19.3%	3.1%				16.3%	19.7%	8.1 x	6.5 x	15.3%	14.8%	23.6 x	19.7 x	52.5 x	48.6 x
	Median	(6.9%)	10.5%	62.5%	55.4%	28.7%	(4.1%)				5.1%	10.5%	9.8 x	7.4 x	11.6%	12.6%	28.1 x	19.7 x	52.5 x	48.6 x
B																				
Provider-Tech	010.50	(0.40()	45.00/	00.70/	122.1%	00.00/	47.1%	\$2.607	\$3,462	* 1 001	(F F0()	3.1%	2.1 x	0.0	10.10/	16.5%	44.7	40.0	04.0	26.2 x
Allscripts	\$16.50 80.11	(3.1%)	15.6% 2.1%	60.7% 13.7%	9.1%	83.3% 10.8%	6.9%	\$2,607 24,561	25,045	\$1,631 5,503	(5.5%) 4.1%	4.9%	4.6 x	2.2 x 4.4 x	18.1% 31.6%	32.7%	11.7 x 14.4 x	13.6 x 13.4 x	24.3 x 28.2 x	25.0 x
Cerner Corporation Computer Programs and Systems		0.3%	12.6%	9.9%	24.8%	18.2%	1.7%	434	25,045	265	6.3%	4.6%	1.9 x	1.8 x	16.8%	18.4%	14.4 x 11.5 x	9.9 x	13.0 x	25.0 x
Craneware	30.76	(3.9%)	1.5%	54.3%	45.0%	26.9%	(8.1%)	817	767	73	5.9%	8.4%	1.9 x		34.3%	33.8%	30.8 x	9.9 x 29.5 x	49.8 x	48.9 x
Health Catalyst	49.68	(3.2%)	14.0%	44.1%	38.6%	48.1%	25.4%	2,111	2,002	188	20.5%	21.4%	10.6 x	10.0 x 8.8 x	34.3% NM	33.6% NM	NM	29.5 x NM	49.6 X NM	46.9 X NM
HealthStream	23.28	(7.3%)	6.0%	26.9%	6.2%	(8.6%)	(19.7%)	737	588	241	(3.1%)		2.4 x	2.5 x	18.3%	15.6%	13.3 x	16.1 x	62.9 x	NM
NextGen Healthcare	19.78	(13.8%)	8.7%	42.5%	63.9%	41.5%	13.5%	1,320	1,259	528	8.2%	3.2%	2.4 x	2.2 x	17.4%	20.8%	13.7 x	10.1 x	27.3 x	20.6 x
NRC Health	45.30	(6.2%)	3.4%	(12.1%)	(22.6%)	(34.7%)	(35.2%)	1,149	1,160	NA	NA	NA	NA	NA	NA	20.6 /s	NA	NA	NA	NA
Phreesia	65.29	(6.5%)	19.3%	73.2%	129.0%	109.6%	103.7%	2.883	2.658	147	23.2%	21.9%	18.1 x	14.7 x	3.3%	4.3%	NM	NM	NM	NM
Premier	33.87	(3.1%)	(3.2%)	4.5%	(0.7%)	(3.3%)	(7.3%)	4,136	4,613	1,320	(0.4%)	3.3%	3.5 x	3.5 x	36.4%	36.1%	9.6 x	9.7 x	14.5 x	14.4 x
Omnicell	117.80	(4.4%)	0.8%	32.7%	62.1%	40.2%	46.9%	4,984	4,817	891	22.8%	11.6%	5.4 x	4.4 x	17.8%	21.4%	30.4 x	20.5 x	47.3 x	33.7 x
R1 RCM	25.23	(4.9%)	5.7%	40.6%	84.7%	95.6%	85.1%	6,458	7,156	1,258	15.1%	14.5%	5.7 x	4.9 x	18.7%	22.5%	30.5 x	22.0 x	NM	53.7 x
Vocera Communications	43.95	(4.6%)	8.1%	25.3%	39.8%	101.1%	100.0%	1,428	1,340	197	11.2%	11.3%	6.8 x	6.1 x	14.0%	14.5%	48.8 x	42.1 x	NM	NM
WELL Health	5.87	(5.8%)	(7.5%)	2.7%	129.2%	342.7%	425.3%	956	935	39	107.4%	38.9%	NM	11.4 x	NM	6.9%	NM	NM	NM	NA
		, ,	, ,	29.9%	52.2%	62.2%			- 130	- 00	16.6%			5.9 x	20.6%	20.3%	21.5 x	18.7 x	33.4 x	29.2 x
	Mean Median	(4.7%) (4.5%)	6.2% 5.8%	29.9%	52.2% 42.4%	62.2% 40.8%	56.1% 19.5%				16.6% 8.2%	11.8% 8.4%	6.2 x 5.0 x	5.9 X 4.4 X	20.6% 18.1%	20.3% 19.6%	21.5 X 14.1 X	18.7 X 14.9 X	33.4 x 27.7 x	29.2 X 25.6 X
	Modian	(7.5 /0)	J.U /0	23.0 /0	74.7/0	TU.U /0	10.070				0.2 /0	U.T /0	J.U X	7.7 8	10.1/0	10.0/0	17.1 A	17.0 A	21.1 X	20.0 X

Source: Capital IQ and Public filings.

Healthcare Technology & Tech-Enabled Services (Cont'd)

	Price		s	tock Price	Performanc	е		Equity	Enterprise	Revenue	% Rev	Growth	EV / Re	evenue	EBITDA	Margin	EV / E	BITDA	Price	/ EPS
Company Name	1/29/21	Weekly	1-Month	3-Month	6-Month	LTM	2020	Value	Value	CY2020	CY2021	CY2022	CY2020	CY2021	CY2020	CY2021	CY2020	CY2021	CY2020	CY2021
Pharma-Tech																				
IQVIA	\$177.80	(4.2%)	1.7%	15.0%	11.1%	12.2%	16.0%	\$34,089	\$45,326	\$11,202	11.6%	8.3%	4.0 x	3.6 x	21.0%	22.2%	19.3 x	16.4 x	28.2 x	22.6 x
OptimizeRx	45.14	1.1%	45.3%	123.8%	213.3%	296.0%	203.4%	682	670	43	24.6%	37.3%	15.6 x	12.5 x	NM	9.7%	NM	NM	NM	NM
Veeva Systems	276.44	(4.2%)	0.3%	(2.9%)	6.5%	90.1%	93.6%	41,871	40,281	1,448	18.5%	18.3%	NM	NM	41.3%	39.0%	NM	NM	NM	NM
	Mean Median	(2.5%) (4.2%)	15.8% 1.7%	45.3% 15.0%	77.0% 11.1%	132.7% 90.1%	104.3% 93.6%				18.2% 18.5%	21.3% 18.3%	9.8 x 9.8 x	8.1 x 8.1 x	31.1% 31.1%	23.6% 22.2%	19.3 x 19.3 x	16.4 x 16.4 x	28.2 x 28.2 x	22.6 x 22.6 x
	wedian	(4.2%)	1.770	15.0%	11.170	90.1%	93.0%				10.3%	10.3%	9.0 X	0.1 X	31.1%	22.270	19.5 X	10.4 X	20.2 X	22.0 X
Virtual Care-Tech																				
American Well	\$35.41	20.1%	31.1%	29.9%	IPO	IPO	IPO	\$8,311	\$7,247	\$239	11.1%	26.9%	NM	NM	NM	NM	NM	NM	NM	NM
GoodRx	46.62	4.8%	10.6%	(6.3%)		IPO	IPO	18,195	17,816	545	36.0%	39.2%	NM	NM	36.5%	31.6%	NM	NM	NM	NM
Hims & Hers	18.99	24.9%	IPO	IPO	IPO	IPO	IPO	3,659	3,325	138	29.7%	30.2%	NM	18.6 x	NM	NM	NM	NM	NA	NA
Oak Street Health	51.87	(5.3%)	(13.9%)	4.8%	IPO	IPO	IPO	12,492	12,028	857	46.2%	51.4%	14.0 x	9.6 x	NM	NM	NM	NM	NM	NM
One Medical	50.60	0.6%	17.9%	74.7%	65.6%	IPO	IPO	6,730	6,286	365	28.1%	24.0%	17.2 x	13.4 x	NM	NM	NM	NM	NM	NM
Peloton	146.13	(8.5%)	(2.6%)	26.1%	119.2%	363.9%	434.2%	42,748	40,725	2,786	64.4%	38.5%	14.6 x	8.9 x	7.7%	8.8%	NM	NM	NM	NM
SOC Telemed	7.35	(7.7%)	(8.0%)	IPO	IPO	IPO	IPO	564	692	58	32.5%	41.5%	12.0 x	9.1 x	NM	NM	NM	NM	NM	NM
Teladoc	263.83	0.3%	32.6%	21.1%	20.9%	155.0%	138.8%	38,245	38,032	1,089	78.8%	35.5%	NM	19.5 x	10.3%	12.9%	NM	NM	NM	NM
WW International	26.56	9.1%	4.8%	20.1%	2.5%	(18.4%)	(36.1%)	1,809	3,163	1,369	5.4%	4.4%	2.3 x	2.2 x	23.3%	26.1%	9.9 x	8.4 x	15.5 x	11.9 x
	Mean	4.3%	9.1%	24.3%	52.1%	166.8%	179.0%				36.9%	32.4%	12.0 x	11.6 x	19.5%	19.9%	9.9 x	8.4 x	15.5 x	11.9 x
	Median	0.6%	7.7%	21.1%	43.2%	155.0%	138.8%				32.5%	35.5%	14.0 x	9.6 x	16.8%	19.5%	9.9 x	8.4 x	15.5 x	11.9 x
Technology & Services	Mean	(2.4%)	9.5%	34.6%	50.7%	77.0%	66.7%				24.6%	20.1%	7.6 x	7.0 x	23.0%	22.7%	19.7 x	17.8 x	31.8 x	27.2 x
42 Companies Included	Median	(4.0%)	8.1%	28.8%	43.9%	40.2%	16.0%				16.8%	14.5%	5.7 x	5.5 x	20.4%	21.8%	14.8 x	13.7 x	28.2 x	23.8 x
S-1 Filed but Not Priced	S-1 Filed																			
Oscar	12/20/20																			
Signify	1/19/21																			
Lucira	1/15/21																			
Pending SPAC Acquisition	Announced																			
UpHealth	11/23/20							\$1,456	\$1,351	\$115	68.7%	87.6%	11.7 x	7.0 x	11.3%	12.4%	NM	NM	NA	NA
Talkspace	1/13/21							\$1,400	\$1,650	\$74	68.9%	64.0%	22.3 x	13.2 x	NM	NM	NM	NM	NA	NA
								. ,	. ,											

Healthcare Technology & Tech-Enabled Services End Markets and Consolidators

	Price	Stock Price Performance							Enterprise	Revenue	% Rev Growth		EV / Revenue		EBITDA Margin		EV / EBITDA		Price / EPS	
Company Name	1/29/21	Weekly	1-Month	3-Month	6-Month	LTM	2020	Value	Value	CY2020	CY2021	CY2022	CY2020	CY2021	CY2020	CY2021	CY2020	CY2021	CY2020	CY2021
<u>Payers</u>																				
Anthem	\$296.98	(5.4%)	(5.5%)	8.7%	5.5%	8.8%	6.3%	\$73,860	\$88,154	\$120,127	12.4%	6.8%	0.7 x	0.7 x	8.1%	7.1%	9.1 x	9.2 x	13.3 x	12.0 x
Centene	60.30	(2.0%)	2.2%	3.4%	(9.1%)	(7.5%)	(4.5%)	34,962	39,744	111,340	3.8%	4.4%	0.4 x	0.3 x	4.7%	4.4%	7.6 x	7.9 x	12.1 x	11.6 x
Cigna	217.05	(2.9%)	6.4%	32.8%	19.4%	7.2%	1.8%	78,413	109,121	158,390	4.1%	6.5%	0.7 x	0.7 x	7.1%	7.0%	9.7 x	9.5 x	11.7 x	10.6 x
Clover Health	13.95	3.0%	IPO	IPO	IPO	IPO	IPO	5,642	6,120	NA	NA	NA	NA	NA	NA	NA	NM	46.8 x	NM	NM
Evolent Health	17.07	(9.0%)	6.8%	67.5%	49.9%	60.3%	77.1%	1,439	1,374	1,011	(7.1%)	11.8%	1.4 x	1.5 x	3.6%	4.1%	37.3 x	35.9 x	NM	NM
Humana	383.11	(5.4%)	(6.1%)	(3.4%)	(3.4%)	9.0%	11.9%	50,701	50,713	75,689	8.7%	9.5%	0.7 x	0.6 x	5.6%	5.4%	11.9 x	11.5 x	20.5 x	17.6 x
Magellan Health	93.98	(0.6%)	13.7%	26.0%	24.8%	26.6%	5.9%	2,407	2,929	4,532	2.8%	5.4%	0.6 x	0.6 x	3.4%	4.9%	18.9 x	12.7 x	NM	49.7 x
Molina Healthcare	213.61	(4.3%)	3.0%	14.2%	13.8%	65.3%	56.7%	12,667	11,510	19,520	21.2%	4.2%	0.6 x	0.5 x	6.0%	5.2%	9.8 x	9.3 x	17.8 x	15.3 x
UnitedHealth Group	333.58	(4.0%)	(4.0%)	9.8%	8.8%	17.9%	19.3%	316,508	345,265	256,661	8.7%	8.3%	1.3 x	1.2 x	9.8%	9.4%	13.8 x	13.2 x	19.9 x	18.4 x
	Mean	(3.4%)	2.1%	19.9%	13.7%	23.4%	21.8%				6.8%	7.1%	0.8 x	0.8 x	6.0%	5.9%	14.8 x	17.3 x	15.9 x	19.3 x
	Median	(4.0%)	2.6%	12.0%	11.3%	13.4%	9.1%				6.4%	6.6%	0.7 x	0.6 x	5.8%	5.3%	10.9 x	11.5 x	15.5 x	15.3 x
Providers																				
Acadia Healthcare	\$50.68	(2.6%)	4.4%	74.9%	68.4%	56.4%	51.3%	\$4,510	\$7,394	\$3,192	6.8%	4.9%	2.3 x	2.2 x	18.8%	19.2%	12.3 x	11.3 x	21.7 x	18.8 x
Community Health Systems	9.32	(7.8%)	28.0%	56.4%	107.1%	96.6%	156.2%	1,072	12,669	11,784	3.8%	3.9%	1.1 x	1.0 x	14.8%	13.1%	7.3 x	7.9 x	NM	NM
DaVita HealthCare Partners	117.37	(1.9%)	1.2%	36.8%	28.6%	41.3%	56.5%	13,145	21,928	11,570	1.6%	3.3%	1.9 x	1.9 x	20.9%	20.5%	9.1 x	9.1 x	15.7 x	14.2 x
HCA Holdings	162.48	(2.7%)	(0.8%)	29.6%	25.2%	11.9%	11.3%	54.979	81.587	51,128	5.8%	4.9%	1.6 x	1.5 x	19.1%	19.3%	8.3 x	7.8 x	14.6 x	13.7 x
MEDNAX	27.27	11.9%	14.8%	110.9%	34.7%	8.7%	(11.7%)	2,287	3,656	2,259	(18.2%)	4.9%	1.6 x	2.0 x	11.2%	13.7%	14.5 x	14.5 x	22.9 x	16.6 x
Tenet Healthcare	47.27	(6.8%)	18.3%	87.5%	75.9%	38.9%	5.0%	4.988	19,779	17.614	9.4%	4.4%	1.1 x	1.0 x	15.0%	15.3%	7.5 x	6.7 x	11.2 x	14.8 x
Universal Health Services	124.68	(3.4%)	(8.4%)	18.2%	10.2%	(13.4%)	(4.2%)	10,864	13,448	11,428	5.3%	3.7%	1.2 x	1.1 x	15.6%	15.3%	7.5 x	7.3 x	12.1 x	11.5 x
	Mean	(1.9%)	8.2%	59.2%	50.0%	34.3%	37.8%				2.1%	4.3%	1.5 x	1.5 x	16.5%	16.6%	9.5 x	9.2 x	16.4 x	14.9 x
	Median	(2.7%)	4.4%	56.4%	34.7%	38.9%	11.3%				5.3%	4.4%	1.6 x	1.5 x	15.6%	15.3%	8.3 x	7.9 x	15.1 x	14.5 x
DDM- / Distributors																				
PBMs / Distributors AmerisourceBergen	\$104.20	(3.3%)	7.3%	10.2%	0.9%	16.0%	15.0%	\$21.321	\$21.022	\$188.971	7.8%	5.4%	0.1 x	0.1 x	1.3%	1.3%	8.6 x	7.9 x	13.6 x	12.2 x
Cardinal Health	53.73	(3.0%)	0.4%	17.8%	(6.9%)	(0.0%)	5.9%	15,765	19,762	153,622	7.8%	4.4%	0.1 x	0.1 x	1.7%	1.8%	7.6 x	6.7 x	10.9 x	9.1 x
CVS Health	71.65	(3.3%)	5.5%	28.1%	11.6%	1.6%	(8.1%)	93,784	148,997	267,960	3.8%	4.4%	0.1 x	0.1 x	6.7%	6.6%	8.2 x	8.2 x	9.6 x	9.1 x 9.5 x
Henry Schein	65.85	(4.7%)	0.2%	4.7%	(4.2%)	(6.5%)	0.2%	93,764	10,933	9.822	10.6%	3.6%	1.1 x	1.0 x	7.8%	8.7%	14.3 x	11.5 x	22.2 x	9.5 x 17.5 x
McKesson	174.47	(5.7%)	0.2%	21.3%	12.1%	16.8%	25.7%	28,014	34,061	230,920	7.4%	4.5%	0.1 x	0.1 x	1.7%	1.8%	8.6 x	7.5 x	12.1 x	17.5 x
Owens & Minor	29.08	5.5%	3.4%	16.6%	76.8%	322.1%	423.2%	2,138	3,409	8,299	4.9%	1.6%	0.1 x	0.1 x	3.8%	4.5%	10.9 x	7.5 x 8.7 x	15.0 x	10.1 x
Patterson Companies	31.68	(2.5%)	0.1%	26.9%	24.8%	37.8%	44.7%	3.016	3,409	5,358	10.9%	1.7%	0.4 x	0.4 x	4.3%	5.5%	15.5 x	11.0 x	23.7 x	15.2 x
Walgreens Boots Alliance	50.25	5.9%	27.5%	49.9%	24.6%	(3.9%)	(32.4%)	43,418	60,271	139,039	5.3%	3.4%	0.7 x	0.6 x	4.5%	4.8%	8.8 x	8.6 x	10.8 x	10.4 x
vvalgreens boots Amarice						,	,	40,410	00,271	139,039										
	Mean	(1.4%)	5.6%	21.9%	17.1%	48.0%	59.3%				7.2%	3.6%	0.4 x	0.4 x	4.0%	4.4%	10.3 x	8.8 x	14.7 x	12.1 x
	Median	(3.2%)	1.9%	19.6%	11.8%	8.8%	10.4%				7.3%	3.8%	0.4 x	0.4 x	4.0%	4.6%	8.7 x	8.4 x	12.9 x	11.3 x

Healthcare Technology & Tech-Enabled Services End Markets and Consolidators (Cont'd)

	Price	Stock Price Performance						Equity	Enterprise	Revenue	% Rev Growth		EV / Revenue		EBITDA Margin		EV / EBITDA		Price / EPS	
Company Name	1/29/21	Weekly	1-Month	3-Month	6-Month	LTM	2020	Value	Value	CY2020	CY2021	CY2022	CY2020	CY2021	CY2020	CY2021	CY2020	CY2021	CY2020	CY2021
Information Services																				
Equifax	\$177.11	(0.9%)	(7.2%)	26.9%	6.9%	14.7%	37.6%	\$21,544	\$24,424	\$4,091	6.3%	6.3%	6.0 x	5.6 x	35.6%	33.4%	16.8 x	16.8 x	26.5 x	28.0 x
Experian	35.06	(2.7%)	(9.1%)	(4.6%)	(3.7%)	(0.8%)	12.2%	32,022	36,503	5,125	9.5%	8.4%	7.1 x	6.5 x	35.4%	33.1%	20.1 x	19.6 x	35.1 x	30.7 x
Fair Isaac	450.11	(9.3%)	(11.3%)	14.4%	2.7%	10.0%	36.4%	13,159	13,886	1,233	9.8%	9.9%	11.3 x	10.3 x	33.4%	37.3%	33.7 x	27.5 x	53.5 x	40.0 x
RELX	24.86	(2.7%)	(0.2%)	25.0%	13.9%	(5.9%)	(3.0%)	47,867	58,361	9,753	6.3%	7.6%	6.0 x	5.6 x	33.6%	35.8%	17.8 x	15.7 x	23.7 x	20.8 x
TransUnion	87.04	(5.3%)	(11.3%)	10.0%	(5.6%)	(7.2%)	15.9%	16,564	19,779	2,713	6.7%	8.0%	7.3 x	6.8 x	38.4%	39.1%	19.0 x	17.5 x	29.0 x	26.4 x
Verisk Analytics	183.50	(4.8%)	(10.8%)	2.4%	(2.2%)	11.8%	39.0%	29,835	32,769	2,787	6.7%	6.6%	11.8 x	11.0 x	50.1%	49.2%	23.5 x	22.4 x	36.1 x	33.8 x
Wolters Kluwer	83.08	(2.1%)	(3.8%)	2.1%	3.4%	8.8%	15.8%	21,774	24,510	5,670	(0.7%)	4.1%	4.3 x	4.4 x	29.3%	30.0%	14.8 x	14.5 x	23.0 x	22.4 x
WPP	10.50	(3.2%)	(5.0%)	35.7%	36.5%	(18.3%)	(22.7%)	12,774	20,235	13,341	5.9%	2.7%	1.5 x	1.4 x	17.0%	18.4%	8.9 x	7.8 x	13.4 x	10.8 x
	Mean	(3.9%)	(7.3%)	14.0%	6.5%	1.6%	16.4%				6.3%	6.7%	6.9 x	6.5 x	34.1%	34.5%	19.3 x	17.7 x	30.0 x	26.6 x
	Median	(2.9%)	(8.1%)	12.2%	3.1%	4.0%	15.8%				6.5%	7.1%	6.6 x	6.1 x	34.5%	34.6%	18.4 x	17.2 x	27.7 x	27.2 x
Technology																				
Alphabet	\$1,835.74	(3.4%)	4.4%	17.1%	20.6%	25.9%	31.0%	\$1,256,822	\$1,138,802	\$178,736	20.3%	16.4%	6.4 x	5.3 x	35.8%	35.9%	17.8 x	14.7 x	35.3 x	29.6 x
Apple	131.96	(5.1%)	(2.2%)	14.4%	38.8%	62.7%	80.7%	2,215,357	2,131,829	273,991	22.3%	6.0%	7.8 x	6.4 x	27.9%	29.5%	27.9 x	21.6 x	41.1 x	30.0 x
Citrix Systems	133.31	5.2%	2.5%	17.0%	(4.3%)	8.4%	17.3%	16,414	17,269	3,208	4.4%	7.6%	5.4 x	5.2 x	36.4%	35.3%	14.8 x	14.6 x	22.3 x	21.0 x
DXC Technology	28.20	(3.5%)	19.2%	54.5%	58.4%	(14.8%)	(31.5%)	7,174	14,113	17,884	(7.3%)	(0.2%)	0.8 x	0.9 x	13.1%	15.2%	6.0 x	5.6 x	14.1 x	9.2 x
Hewlett Packard	12.34	1.6%	5.7%	44.7%	27.1%	(14.4%)	(25.3%)	15,962	27,719	25,982	5.0%	0.4%	1.1 x	1.0 x	17.8%	18.7%	6.0 x	5.4 x	9.9 x	7.5 x
Intel	55.51	(2.0%)	12.4%	25.8%	15.5%	(16.3%)	(16.8%)	225,537	236,213	75,315	(2.8%)	(0.4%)	3.1 x	3.2 x	44.8%	44.8%	7.0 x	7.2 x	11.3 x	11.4 x
Microsoft	231.96	2.7%	3.5%	13.3%	13.7%	38.0%	41.0%	1,749,492	1,689,544	146,179	18.2%	10.4%	11.6 x	9.8 x	45.1%	47.0%	25.7 x	20.8 x	39.9 x	30.7 x
Oracle	60.43	0.1%	(6.3%)	7.9%	8.5%	13.6%	22.1%	177,908	210,916	39,462	2.8%	2.2%	5.3 x	5.2 x	48.0%	50.0%	11.1 x	10.4 x	15.2 x	13.4 x
salesforce.com	225.56	(0.1%)	1.4%	(4.9%)	16.5%	24.1%	36.8%	206,488	200,051	21,110	20.8%	17.9%	9.5 x	7.8 x	30.2%	28.1%	31.4 x	27.9 x	48.7 x	64.3 x
Samsung Electronics	73.50	(6.3%)	2.6%	43.4%	48.6%	46.6%	54.0%	492,673	399,001	217,097	8.5%	11.0%	1.8 x	1.7 x	28.0%	30.8%	6.6 x	5.5 x	20.0 x	15.2 x
SAP	127.22	(0.2%)	(2.8%)	17.0%	(22.5%)	(3.6%)	(2.9%)	151,491	159,211	33,440	(0.5%)	3.0%	4.8 x	4.8 x	35.4%	34.2%	13.5 x	14.0 x	19.8 x	21.5 x
Workday	227.53	(3.4%)	(4.3%)	4.5%	23.7%	23.9%	45.7%	54,794	53,638	4,300	16.8%	18.0%	12.5 x	10.7 x	26.1%	24.8%	47.9 x	43.0 x	NM	NM
	Mean	(1.2%)	3.0%	21.2%	20.4%	16.2%	21.0%				9.0%	7.7%	5.8 x	5.2 x	32.4%	32.9%	18.0 x	15.9 x	25.2 x	23.1 x
	Median	(1.1%)	2.5%	17.0%	18.6%	18.8%	26.6%				6.8%	6.8%	5.4 x	5.2 x	32.8%	32.5%	14.1 x	14.3 x	20.0 x	21.0 x
Brokers																				
Aon	\$203.10	(1.6%)	(1.8%)	8.7%	(1.3%)	(6.2%)	1.4%	\$45,931	\$52,635	\$10,948	3.5%	4.8%	4.8 x	4.6 x	30.3%	30.8%	15.9 x	15.1 x	21.0 x	19.0 x
Arthur J. Gallagher & Co.	115.41	(2.1%)	(5.0%)	12.0%	10.1%	16.8%	29.9%	22,349	26,276	6,826	5.6%	2.6%	3.8 x	3.6 x	24.3%	25.6%	15.8 x	14.2 x	25.0 x	23.9 x
Marsh & McLennan Companies	109.91	(1.4%)	(4.3%)	6.8%	(4.9%)	(5.2%)	5.0%	55,745	64,969	17,075	5.7%	5.4%	3.8 x	3.6 x	26.0%	26.2%	14.6 x	13.7 x	22.4 x	20.7 x
Willis Towers Watson	202.94	(1.7%)	(2.3%)	9.0%	(3.4%)	(4.6%)	4.3%	26,594	30,666	9,311	3.7%	5.9%	3.3 x	3.2 x	26.6%	26.6%	12.4 x	12.0 x	17.6 x	16.6 x
	Mean	(1.7%)	(3.4%)	9.1%	0.1%	0.2%	10.2%				4.6%	4.7%	3.9 x	3.8 x	26.8%	27.3%	14.7 x	13.8 x	21.5 x	20.1 x
	Median	(1.7%)	(3.3%)	8.8%	(2.4%)	(4.9%)	4.7%				4.7%	5.1%	3.8 x	3.6 x	26.3%	26.4%	15.2 x	14.0 x	21.7 x	19.9 x

Healthcare Technology & Tech-Enabled Services End Markets and Consolidators (Cont'd)

	Price	Stock Price Performance				Equity	Enterprise	Revenue	% Rev Growth		EV / Revenue		EBITDA Margin		EV / EBITDA		Price / EPS			
Company Name	1/29/21	Weekly	1-Month	3-Month	6-Month	LTM	2020	Value	Value	CY2020	CY2021	CY2022	CY2020	CY2021	CY2020	CY2021	CY2020	CY2021	CY2020	CY2021
BPO / Systems Integrations																				
Accenture	\$241.92	(5.0%)	(6.1%)	11.8%	7.8%	16.3%	24.0%	\$153,434	\$145,346	\$44,300	10.5%	6.6%	3.3 x	3.0 x	18.0%	18.9%	18.3 x	15.7 x	32.9 x	28.7 x
CBIZ	25.91	(4.7%)	(2.8%)	15.6%	13.6%	(4.5%)	(1.3%)	1,401	1,507	961	5.2%	1.3%	1.6 x	1.5 x	13.4%	13.8%	11.7 x	10.8 x	18.9 x	17.3 x
Cognizant	77.95	(3.2%)	(3.2%)	9.8%	20.3%	23.9%	32.1%	41,675	39,550	16,707	5.1%	6.0%	2.4 x	2.3 x	18.3%	18.8%	13.0 x	12.0 x	21.4 x	19.6 x
Conduent	4.82	(8.2%)	2.1%	38.9%	141.0%	3.7%	(22.6%)	1,009	2,315	4,138	(2.3%)	0.2%	0.6 x	0.6 x	11.5%	11.2%	4.9 x	5.1 x	7.9 x	9.5 x
ExIService	76.68	(11.5%)	(10.0%)	2.9%	19.0%	3.8%	22.6%	2,593	2,457	956	8.1%	9.6%	2.6 x	2.4 x	19.5%	19.9%	13.2 x	12.0 x	22.2 x	20.5 x
Fidelity National	123.46	(4.4%)	(12.6%)	(1.2%)	(14.7%)	(16.6%)	1.7%	76,608	94,621	12,578	8.6%	8.1%	7.5 x	6.9 x	41.7%	44.6%	18.1 x	15.5 x	22.7 x	19.1 x
Firstsource Solutions	1.19	(8.3%)	(15.7%)	25.1%	91.0%	93.3%	140.6%	831	923	618	21.6%	12.1%	1.5 x	1.2 x	15.2%	NA	9.8 x	NA	15.9 x	12.8 x
Gartner	151.91	(5.3%)	(4.1%)	28.4%	19.9%	(6.3%)	4.0%	14,035	15,580	4,059	9.2%	11.9%	3.8 x	3.5 x	18.3%	16.5%	21.0 x	21.2 x	37.0 x	37.4 x
Genpact	38.28	(7.7%)	(6.9%)	11.8%	(3.7%)	(13.9%)	(1.9%)	7,248	8,080	3,695	5.5%	8.7%	2.2 x	2.1 x	18.9%	18.5%	11.5 x	11.2 x	18.2 x	16.9 x
Huron Consulting Group	52.96	(9.2%)	(8.3%)	35.3%	20.8%	(20.5%)	(14.2%)	1,142	1,324	846	3.3%	7.8%	1.6 x	1.5 x	10.2%	11.7%	15.4 x	13.0 x	25.8 x	21.5 x
Infosys	16.88	(7.2%)	0.7%	18.2%	31.4%	52.6%	64.2%	72,141	69,374	13,128	13.0%	7.4%	5.3 x	4.7 x	25.8%	27.0%	20.4 x	17.3 x	31.2 x	
Leidos	106.06	(5.3%)	2.4%	30.5%	15.3%	4.2%	7.4%	15,095	19,232	12,435	12.4%	7.5%	1.5 x	1.4 x	10.7%	10.4%	14.5 x	13.2 x	18.2 x	
MAXIMUS	75.06	(2.8%)	3.1%	14.2%	1.8%	2.1%	(1.6%)	4,613	4,570	3,186	4.5%	6.2%	1.4 x	1.4 x	11.7%	12.2%	12.3 x	11.2 x	22.8 x	20.1 x
Sykes Enterprises	38.59	(6.5%)	2.8%	12.6%	39.9%	12.3%	1.8%	1,522	1,412	1,702	4.3%	6.2%	0.8 x	0.8 x	11.5%	11.7%	7.2 x	6.8 x	14.4 x	12.8 x
Tata Consultancy	42.69	(5.7%)	6.9%	20.7%	40.5%	41.4%	29.1%	157,918	157,584	21,886	13.5%	2.2%	7.2 x	6.3 x	27.3%	28.2%	26.4 x	22.5 x	36.3 x	30.3 x
Tech Mahindra	13.19	(1.8%)	0.2%	22.1%	46.1%	17.1%	24.4%	11,521	9,977	5,138	8.9%	10.0%	1.9 x	1.8 x	15.9%	17.7%	12.2 x	10.1 x	21.8 x	
TeleTech	75.58	(8.8%)	2.7%	37.0%	57.9%	88.4%	84.1%	3,532	3,800	1,887	3.3%	6.1%	2.0 x	1.9 x	14.9%	14.9%	13.5 x	13.1 x	25.2 x	
WEX	188.60	(6.5%)	(5.7%)	49.7%	10.8%	(16.8%)	(2.8%)	8,323	9,977	1,546	14.6%	13.9%	6.5 x	5.6 x	35.5%	40.0%	18.2 x	14.1 x	30.8 x	
WNS	67.18	(5.3%)	(5.1%)	14.2%	6.7%	(7.7%)	8.9%	3,341	3,245	832	12.7%	9.8%	3.9 x	3.5 x	18.0%	22.8%	21.7 x	15.2 x	55.5 x	32.6 x
	Mean	(6.2%)	(3.1%)	20.9%	29.7%	14.4%	21.1%				8.5%	7.5%	3.0 x	2.8 x	18.7%	19.9%	14.9 x	13.3 x	25.2 x	21.4 x
	Median	(5.7%)	(3.2%)	18.2%	19.9%	3.8%	7.4%				8.6%	7.5%	2.2 x	2.1 x	18.0%	18.1%	13.5 x	13.0 x	22.7 x	20.1 x
Conglomorotos																				
Conglomerates	\$175.66	3.9%	1.0%	10.8%	12.4%	8.4%	(0.9%)	\$101,488	\$115,245	\$31,994	7.5%	3.9%	3.6 x	3.4 x	26.8%	27.6%	13.4 x	12.2 x	20.6 x	18.2 x
3M Company Amazon	3,206.20	(2.6%)	(3.5%)	(0.1%)	5.7%	72.6%	76.3%	1,608,715	1,601,872	380,419	18.7%	17.2%	4.2 x	3.4 x	14.4%	15.2%	29.2 x	23.3 x	NM	71.8 x
General Electric	10.68	(3.9%)	1.1%	44.9%	62.1%	(17.5%)	(3.2%)	93,555	140,015	79,582	1.2%	5.5%	1.8 x	1.7 x	7.0%	10.3%	25.1 x	16.8 x	NM	42.7 x
Roper Technologies	392.91	(6.3%)	(6.4%)	6.0%	(10.1%)	3.8%	21.7%	41,205	50,464	5,553	13.4%	3.5%	9.1 x	8.0 x	35.6%	36.8%	25.5 x	21.8 x	31.1 x	
Royal Philips	54.57	(1.8%)	(0.4%)	16.6%	1.4%	17.7%	11.9%	49,393	53,932	23.868	(0.0%)	4.8%	2.3 x	2.3 x	18.2%	18.7%	12.4 x	12.1 x	22.3 x	
Siemens	21.77	(4.5%)	1.3%	25.7%	42.0%	1.6%	2.6%	7,752	6,990	1,499	20.1%	12.5%	4.7 x	3.9 x	8.8%	11.6%	NM	33.4 x	74.8 x	
Walmart	140.49	(4.0%)	(2.6%)	0.4%	7.5%	21.2%	21.3%	397,486	440,727	551,301	1.3%	2.7%	0.8 x	0.8 x	6.4%	6.4%	12.6 x	12.3 x	25.1 x	
	Mean	(2.7%)	(1.3%)	14.9%	17.3%	15.4%	18.5%		,.		8.9%	7.1%	3.8 x	3.4 x	16.7%	18.1%	19.7 x	18.8 x	34.8 x	36.2 x
	Median	(3.9%)	(0.3%)	10.8%	7.5%	8.4%	11.9%				7.5%	4.8%	3.6 x	3.4 x	14.4%	15.2%	19.3 x	16.8 x	25.1 x	26.9 x
		(3.0 70)	(3.0 70)	. 0.0 /0	7.070	21170					7.070		3.0 X	J K		. 3.2 /0	. 3.0 %	. 010 X		
Market Statistics																				
S&P 500	\$3,714.24	(3.3%)	(0.3%)	12.2%	14.0%	13.5%	16.3%													
NASDAQ Composite Index	13,070.69	(3.5%)	1.7%	16.9%	24.0%	40.9%	43.6%													
Russell 2000 Index	2,073.64	(4.4%)	5.8%	32.8%	38.2%	25.7%	18.4%													
Dow Jones Industrial Average	29,982.62	(3.3%)	(1.2%)	12.5%	13.0%	4.3%	7.2%													

Source: Capital IQ and Public filings.

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