



HEALTHCARE & LIFE SCIENCES

INDUSTRY UPDATE | DECEMBER 2020



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HEALTHCARE & LIFE SCIENCES INDUSTRY OVERVIEW

PRIVATE EQUITY & PETS: WHY INVESTORS ARE FLOCKING TO ANIMAL CARE

Seeing steady, recession-resistant growth in both pet ownership and consumer spending on pets, private equity investors have picked up the scent of a major opportunity.

Here, members of the Harris Williams Healthcare & Life Sciences Group and Consumer Group discuss surging private equity interest in animal health services and products, the specific areas winning the most attention, and what potential investors should prioritize.

[Read the article.](#)

M & A ENVIRONMENT

There have been a little over 920 M&A transactions in the healthcare and life sciences (HCLS) industry since the beginning of 2020, worth roughly \$606 billion, compared with approximately \$233 billion for all of 2019.

Notable recent transactions include the acquisition of Dermira Inc. (NasdaqGS:DERM) by Eli Lilly and Company (NYSE:LLY), InTouch Technologies Inc. by Teladoc Health (NYSE:TDOC) and Decision Resources Inc. by Clarivate Analytics Plc. (NYSE:CCC).⁽¹⁾

PUBLIC COMPANY PERFORMANCE

Stock prices increased for many healthcare and life sciences companies during the past three months. In fact, the Harris Williams HCLS Composite Index increased 6.9%, while the S&P increased 4.9%. Notable sector increases include contract pharma manufacturing (increased 37.7%), assisted living (increased 30.2%) and specialty pharmacy (increased 26.9%).

Industry-wide stock prices have experienced slight decreases as a whole; however, the HCLS Composite Index showed a mild decrease over the past 12 months of 10.8%. At the category level, products and devices grew by 8.2% on average over the past 12 months, followed by provider-based services declining 8% and payor, provider and pharmacy support stock prices declining 9.6%. Specific stock price growth leaders over the past year include medical devices and products (24.4%), specialty managed care (20.6%), and home care, hospice and home infusion (20.4%).⁽¹⁾

INDUSTRY NEWS

A deal to end surprise medical bills includes a major win for the provider industry, with lawmakers endorsing an arbitration method for settling out-of-network disputes. Leaders of several major House and Senate committees announced a deal Friday night to end a yearlong stalemate over how to end surprise medical bills. The deal is a win for providers that wanted an arbitration resolution for out-of-network charges and a loss for payers who endorsed a benchmark rate for such charges. The committee leaders said they “look forward to continuing to work together to finalize and attach this important new patient protection to the end-of-year funding package.” The deal would prohibit certain out-of-network providers from balance billing patients unless the patient is notified of their network status, according to a release on the deal.

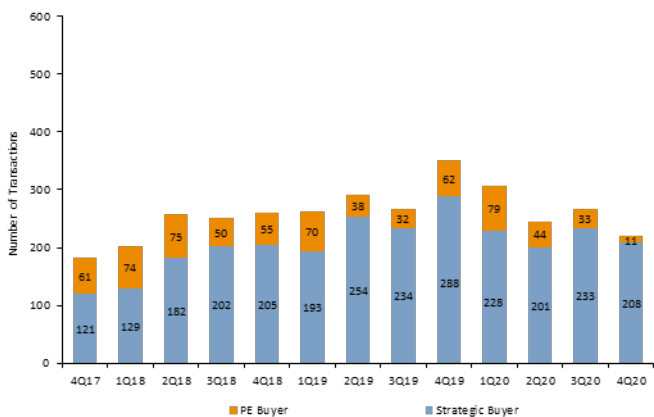
Just when Gilead Sciences’ \$21 billion acquisition of Immunomedics looked to be 2020’s biggest biopharma deal, AstraZeneca came up with an even larger one—and it involves one of the industry’s top takeover targets. AstraZeneca is splashing out \$39 billion to buy Alexion in a cash-and-stock deal, the British pharma revealed Saturday. The deal is driven by AstraZeneca’s desire to build a stronger presence in immunology—and to give its top line an immediate boost. The deal values Alexion at \$175 per share, a 45% premium to the Boston biotech’s closing price on Friday. As part of the cost will be paid in AstraZeneca shares, Alexion investors will own about 15% of the combined enterprise when the deal closes, likely in the third quarter of 2021. “Alexion has established itself as a leader in complement biology, bringing life-changing benefits to patients with rare diseases,” AstraZeneca CEO Pascal Soriot said in a statement.

Amazon’s cloud division rolled out a new tool to make it easier for healthcare organizations to search and analyze data. Amazon HealthLake is a HIPAA-eligible service for healthcare and life sciences organizations that aggregates an organization’s complete data across various silos and disparate formats into a centralized Amazon Web Services (AWS) data lake and automatically normalizes this information using machine learning, the tech giant announced Tuesday. The tool makes it easier for customers to query, perform analytics and run machine learning to derive meaningful value from the newly normalized data, the company said.

M&A OVERVIEW⁽¹⁾

Announced Healthcare & Life Sciences M&A

QUARTERLY M&A ACTIVITY



HEALTHCARE TRANSACTION HIGHLIGHTS

Announced	Target	Buyer
11/18/2020	Certain Cannabis Assets	RedHawk Pharma, LLC
11/23/2020	e-MDs, Inc.	CompuGROUP Holding USA, Inc.
11/23/2020	PatientBlox, Inc.	Signify Health, LLC
11/19/2020	Hospice of Cleveland County, Inc.	Hospice & Palliative Care Charlotte Region

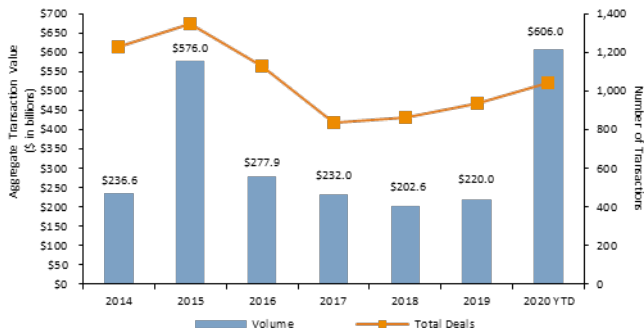
LTM DEAL STATISTICS

Aggregate Value (\$bn)	Number of Deals	Median Transaction Multiples	
		TEV/Rev	TEV/EBITDA
\$2,122.9	1421	4.4x	3.6x

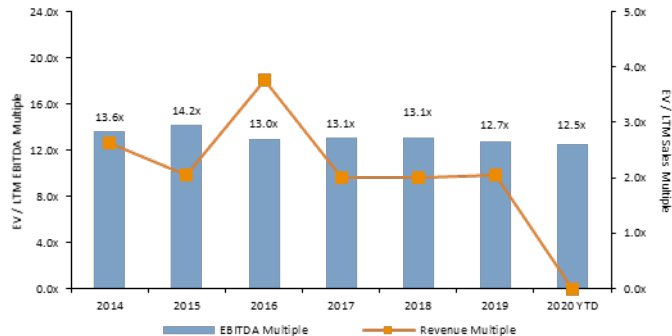
Note: Transactions based on publicly available information

Healthcare & Life Sciences M&A Trends

ANNOUNCED HEALTHCARE & LIFE SCIENCES TRANSACTIONS



MEDIAN HEALTHCARE & LIFE SCIENCES TRANSACTION MULTIPLES

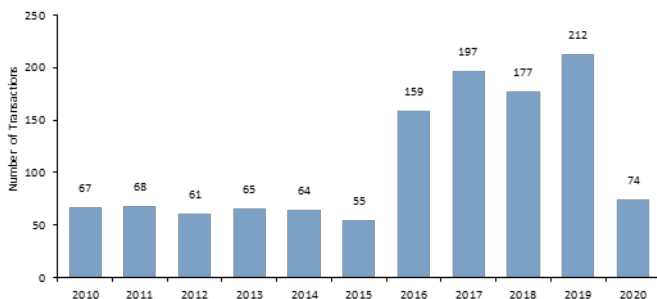


Announced Private Equity M&A Activity

PEG INVESTMENTS BY SEGMENT (LAST 3 YEARS)

HC&LS Industry Segment	Number of Companies
Healthcare Facilities	34
Healthcare Services	23
Healthcare Equipment	22
Pharmaceuticals	27
Healthcare Technology	32
Life Sciences Tools & Services	18
Healthcare Supplies	27
Healthcare Distributors	24
Biotechnology	26
Managed Healthcare	20

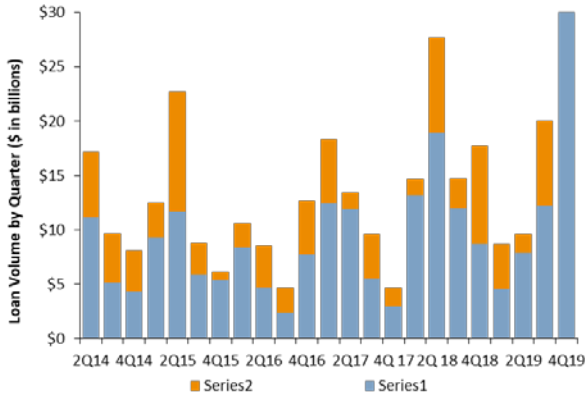
PEG INVESTMENTS



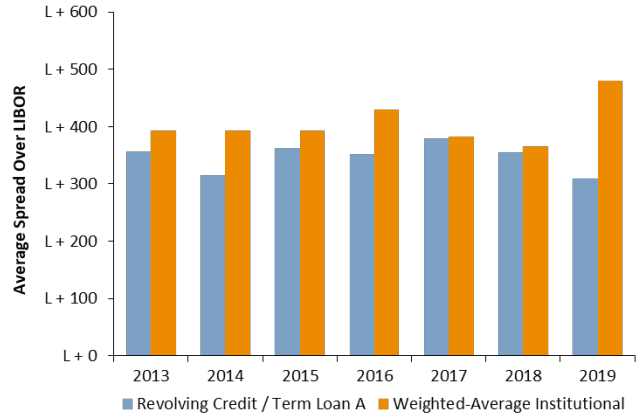
DEBT MARKETS OVERVIEW

Key Credit Statistics⁽²⁾

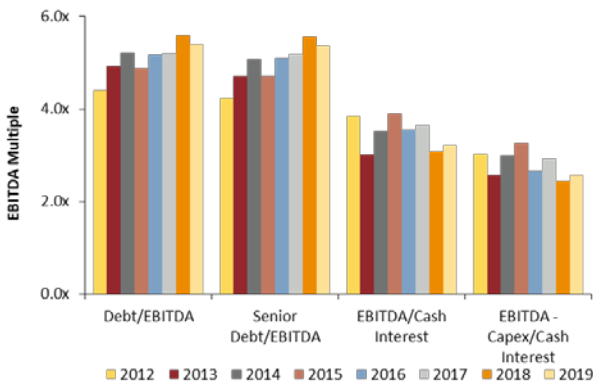
QUARTERLY HEALTHCARE LOAN VOLUME



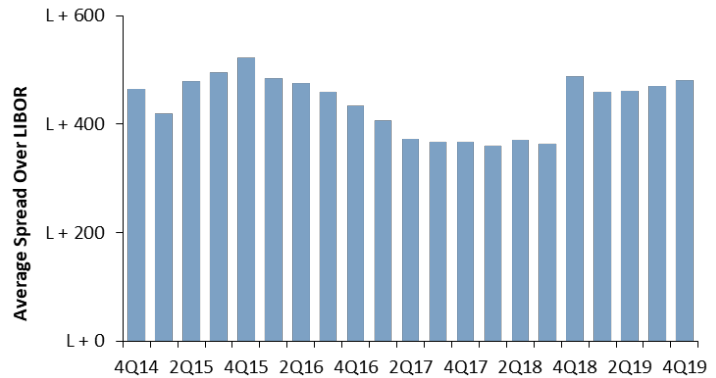
AVERAGE SPREAD ON HEALTHCARE LOANS



CREDIT METRICS



AVERAGE SECONDARY SPREAD



Select Healthcare & Life Sciences Debt Offerings⁽³⁾

(by deal amount)

Date Effective	Borrower Name	Description	Amount (\$ mm)	Tranche	Rating	Spread
11/18/20	Steris Corp	M&A, Non Investment Grade	\$550	Term Loan A	NR / NR	L+ 00
11/10/20	Stryker Corp	Investment Grade	\$400	Term Loan	NR / NR	L+ 00
11/06/20	Genetic SpA	Institutional, LBO, Leveraged, M&A, Sponsored	\$100	Term Loan B	NR / NR	L+ 00
11/09/20	Vapotherm Inc	Non Investment Grade, U.S. Middle Market, U.S. Tradi	\$40	Term Loan	NR / NR	L+ 00

PUBLIC MARKETS OVERVIEW⁽¹⁾

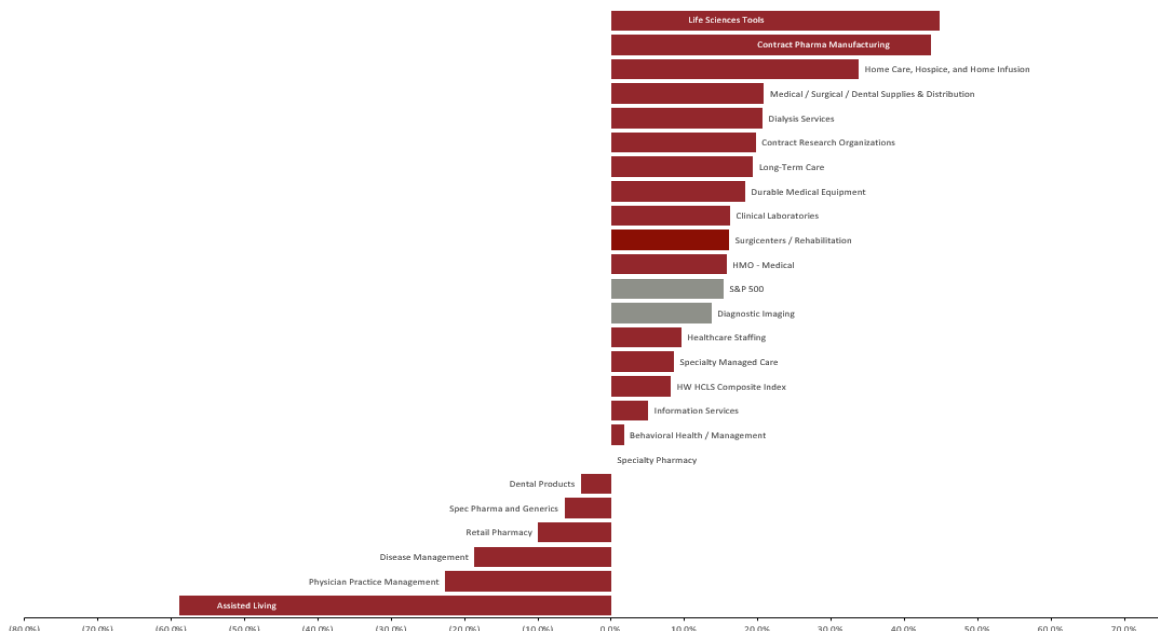
Key Trading Statistics

(detail begins on page 9)

	Sector	Number of Companies	Aggregate Enterprise Value (\$ mm)	Change in Stock Price		Median TEV/ LTM Multiples		Median TEV/ Forward Multiples	
				3 mos.	12 mos.	Revenue	EBITDA	Revenue	EBITDA
Payor, Provider, & Pharmacy Support Services	Clinical Laboratories	2	\$46,262	12.3%	16.2%	2.3x	8.4x	2.0x	8.1x
	Contract Pharma Manufacturing	2	\$20,976	0.7%	43.6%	10.2x	0.0x	9.0x	0.0x
	Contract Research Organizations	6	\$105,102	6.8%	19.7%	3.9x	19.4x	3.4x	17.4x
	Disease Management	1	\$1,890	14.3%	(18.6%)	1.7x	8.3x	2.5x	11.9x
	Healthcare Staffing	3	\$9,453	21.7%	9.6%	1.3x	12.1x	1.3x	12.9x
	HMO - Medical	7	\$666,398	7.8%	15.7%	1.1x	11.4x	1.0x	13.4x
	Information Services	9	\$37,626	9.0%	5.0%	4.3x	19.0x	3.9x	12.7x
	Retail Pharmacy	3	\$245,628	(1.9%)	(9.9%)	0.5x	7.5x	0.5x	10.9x
	Specialty Managed Care	3	\$15,443	7.1%	8.5%	2.9x	17.8x	4.7x	29.3x
	Specialty Pharmacy	1	\$0	0.0%	0.0%	0.0x	0.0x	0.0x	0.0x
Products & Devices	Dental Products	2	\$128,413	8.3%	(4.1%)	3.6x	15.3x	3.4x	13.7x
	Durable Medical Equipment	4	\$42,403	16.5%	18.3%	2.7x	13.7x	2.6x	13.0x
	Life Sciences Tools	3	\$320,724	9.5%	44.7%	6.9x	23.9x	6.0x	18.5x
	Medical Devices and Products	11	\$1,190,315	(0.6%)	8.3%	6.1x	25.1x	5.3x	17.4x
	Medical / Surgical / Dental Supplies & Distribution	6	\$95,959	6.9%	20.8%	0.3x	8.9x	0.3x	8.3x
	Spec Pharma and Generics	12	\$119,767	7.5%	(6.4%)	2.7x	9.0x	2.3x	7.6x
Provider-Based Services	Acute-Care Hospitals	3	\$110,352	10.4%	8.3%	1.1x	7.5x	1.1x	7.6x
	Assisted Living	2	\$6,745	37.4%	(58.9%)	2.1x	9.7x	1.8x	17.1x
	Diagnostic Imaging	2	\$18,003	12.6%	13.6%	3.5x	18.4x	3.1x	17.0x
	Dialysis Services	3	\$65,510	26.4%	20.6%	1.9x	8.0x	1.8x	10.3x
	Home Care, Hospice, and Home Infusion	5	\$24,096	(2.6%)	33.8%	3.6x	25.6x	3.3x	22.3x
	Long-Term Care	2	\$5,864	9.1%	19.3%	1.5x	9.6x	1.9x	15.8x
	Physician Practice Management	1	\$3,123	4.7%	(22.6%)	0.9x	6.2x	1.7x	12.5x
	Behavioral Health / Management	5	\$24,586	4.4%	1.7%	1.2x	9.1x	1.7x	11.0x
	Surgicenters / Rehabilitation	4	\$26,689	20.8%	16.1%	2.5x	11.8x	2.3x	13.2x
	Payor, Provider, & Pharmacy Support Services	37	\$1,148,779	7.4%	14.0%	1.8x	12.2x	1.6x	13.1x
Products & Devices	26	\$1,897,579	2.7%	18.4%	5.7x	20.8x	5.0x	16.6x	
Provider-Based Services	27	\$284,968	9.7%	17.9%	2.3x	12.6x	2.2x	12.1x	
HW HCLS Composite Index	102	\$3,331,326	10.0%	8.1%	4.2x	17.5x	3.7x	15.2x	
S&P 500			3.2%	15.3%					

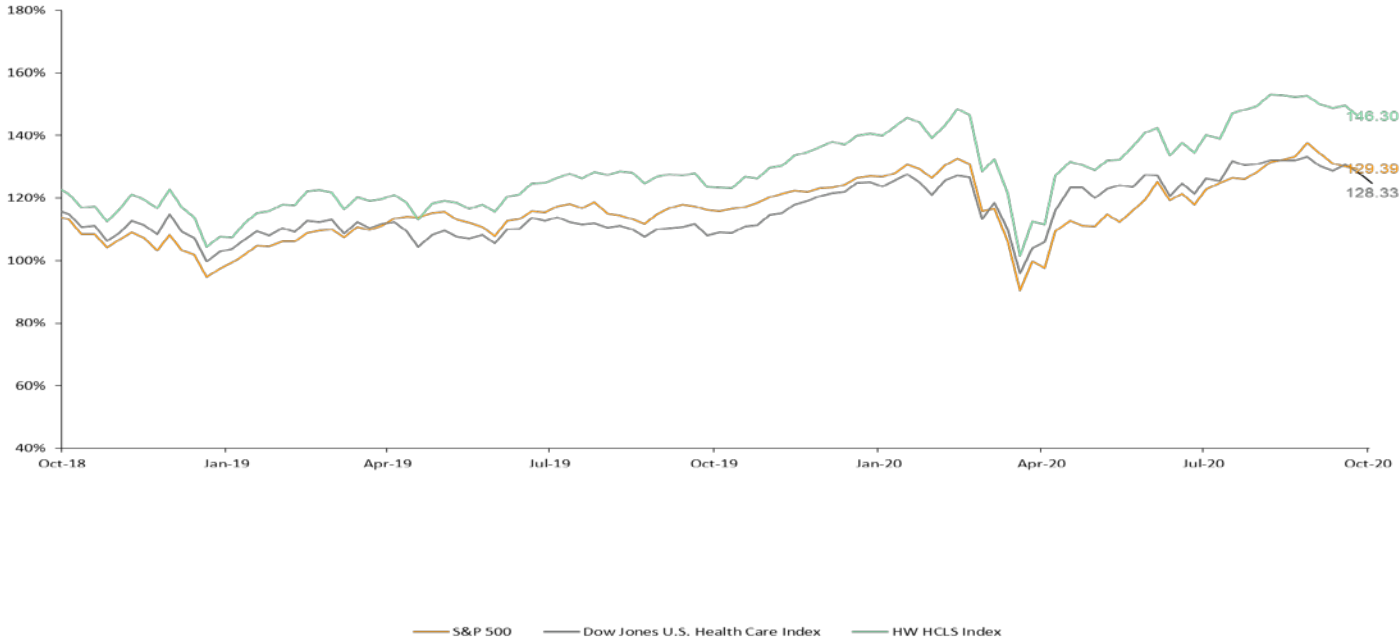
Public Company Sector Performance

(12-month % change in stock price)



EQUITY MARKETS OVERVIEW

Healthcare & Life Sciences Industry Stock Performance⁽¹⁾



Top Equity Offerings⁽⁴⁾

(by proceeds)

Closing Date	Issuer	Ticker	Transaction Type	Gross Proceeds (\$ mm)
11/13/20	Health Assurance Acquisition Corp	NASDAQ: HAACU	Follow-Ons	\$500
11/18/20	Population Health Investment Co., Inc	NASDAQ: PHICU	Follow-Ons	\$150
11/19/20	Olema Pharmaceuticals	NASDAQ:OLMA	IPO	\$209
11/20/20	Sotera Health Company	NASDAQ:SHC	IPO	\$1,072
11/20/20	Maravau LifeSciences Holding	NASDAQ:MRVI	IPO	\$1,620

M&A TRANSACTIONS

Announced U.S. Healthcare & Life Sciences M&A⁽¹⁾

Announced	Target	Seller	Buyer	Enterprise Value (\$mm)	Enterprise Value /			Private Equity Involvement
					Sales	EBITDA	EBIT	
11/30/2020	Sunesis Pharmaceuticals, Inc. (NasdaqCM:SNSS)	-	Viracta Therapeutics, Inc.	\$48.3	-	-	-	No
11/30/2020	VirTrial, LLC	Kinderhook Industries, LLC	Signant Health	\$365.0	-	-	-	No
11/30/2020	RW-TR SUCCESSOR LLC	-	Milliman, Inc.	-	-	-	-	No
11/30/2020	Farm Share, LLC	-	Virtual Medical International, Inc. (OTCPK:QEBR)	\$224.0	-	-	-	No
11/25/2020	Visiting Nurse Association of Johnson County	-	Iowa City Hospice Inc.	-	-	-	-	No
11/24/2020	RRD International, LLC	-	Uniphar plc (ISE:UPR)	-	-	-	-	No
11/24/2020	Caliva, Inc.	KarpReilly GP, LLC; Next Play Capital, LLC	Subversive Capital Acquisition Corp. (NEOE:SVCA.U)	\$721.0	-	-	-	Yes
11/24/2020	All Puerto Rico operations and assets of Project 1493, LLC	Project 1493, LLC	PRICH Biotech Corp.	-	-	-	-	No
11/24/2020	KloudScript, Inc.	-	Transaction Data Systems, Inc.	\$44.0	-	-	-	No
11/24/2020	Practices of Burnhan Hameed, Neal Patel, Michael Pawlowsky and Drew Ronnerman	-	US Digestive Health	-	-	-	-	No
11/24/2020	Morgan Hill Physical Therapy, Inc.	-	Physical Rehabilitation Network, LLC	-	-	-	-	No
11/24/2020	Certain Assets of Smart Choice MRI, LLC	Smart Choice MRI, LLC	Center for Diagnostic Imaging, Inc.	-	-	-	-	No
11/23/2020	e-MDs, Inc.	MDeverywhere Midco, Inc.	CompuGROUP Holding USA, Inc.	-	-	-	-	No
11/23/2020	Oncolmmune, Inc.	HM Capital Partners LLC; GF Xinde Investment Management Co., Ltd; Kaitai Capital; 3E Bioventures Capital	Merck & Co., Inc. (NYSE:MRK)	-	-	-	-	Yes
11/23/2020	PatientBlox, Inc.	-	Signify Health, LLC	-	-	-	-	No
11/23/2020	Superior Healthcare Equipment and Services, Inc.	-	Hospice Source, LLC	\$0.8	-	-	-	No
11/20/2020	Specialty Clinic of Austin, P.A.	-	The Telemedicine Group, LLC	-	-	-	-	No
11/20/2020	Assets of CYduct, LLC	CYduct, LLC	CYduct Diagnostics, Inc. (OTCPK:SNDY.D)	-	-	-	-	No
11/19/2020	Hospice of Cleveland County, Inc.	-	Hospice & Palliative Care Charlotte Region	-	-	-	-	No
11/18/2020	Miami Beach Medical Group LLC	Gauge Capital LLC	Sun Capital Partners, Inc.	\$0.1	-	-	-	Yes
11/18/2020	Certain Cannabis Assets	-	RedHawk Pharma, LLC	-	-	-	-	No
11/18/2020	Health Information Management Transcription and Electronic Health Record Go-Live Services Businesses	Nuance Communications, Inc. (NasdaqGS:NUAN)	DeliverHealth Solutions LLC	-	-	-	-	No
11/18/2020	Dallas Healthcare Facility II in Texas	Sila Realty Trust, Inc. (OTCPK:CVMC.A)	-	-	-	-	-	No
11/18/2020	PioneerRx, LLC	-	-	-	-	-	-	No
11/18/2020	Micro-Office Systems, Inc.	-	Medsphere Systems Corporation	-	-	-	-	Yes
11/18/2020	Aptevo Therapeutics Inc. (NasdaqCM:APVO)	Aigh Capital Management, LLC	Tang Capital Management, LLC	\$60.0	-	-	-	Yes
11/18/2020	Limestone Health, LLC	Springstone, Inc.	BayMark Health Services Inc.	-	-	-	-	No
11/18/2020	Retina Associates of Sarasota, PLLC	-	Retina Consultants of America	-	-	-	-	No
11/18/2020	Penn Foundation, Inc.	-	Saint Lukes Hospital of Bethlehem, Pennsylvania	-	-	-	-	No
11/17/2020	Four Post-Acute Care Facilities in Texas	-	CareTrust REIT, Inc. (NasdaqGS:CTRE)	\$460.0	-	-	-	No
11/17/2020	Veridetx, Inc.	-	WebSafety, Inc. (OTCPK:WBSI)	-	-	-	-	No
11/17/2020	PetHospice, Inc.	Leap Venture Studio	Bluepearl Holdings, LLC	-	-	-	-	No
11/17/2020	Dental Works USA, Inc.	-	Bindley Capital Partners, LLC	\$140.0	-	-	-	Yes
11/17/2020	Zenig, LLC	-	Database Solutions, Inc.	\$60.0	-	-	-	No
11/17/2020	Ensocare, Inc.	-	Central Logic Inc.	-	-	-	-	No
11/17/2020	Best Value Healthcare, L.L.C.	-	Arsenal Capital Partners	\$17.3	-	-	-	Yes
11/17/2020	The Bethany Circle of King's Daughters' Health of Madison, Indiana, Inc.	-	Norton Healthcare, Inc.	\$4.5	-	-	-	No
11/17/2020	Open Imaging and U.S. MRI	-	Center for Diagnostic Imaging, Inc.	\$8.0	-	-	-	No
11/17/2020	Ossifix Technologies, Inc.	-	Umbr Companies Inc. (OTCPK:UCIX)	-	-	-	-	No
11/17/2020	LightWay® Home Health Care, LLC	-	Caregivers by Wholcare, Inc.	-	-	-	-	No
11/16/2020	Natural State Wellness Dispensary, LLC/Natural State Wellness Enterprises, LLC	Harvest Health & Recreation Inc. (CNSX:HARV)	-	-	-	-	-	No
11/16/2020	LifeEDIT, LLC	AgBiome, LLC	ElevateBio, LLC	-	-	-	-	No
11/16/2020	The Karis Group, Inc.	-	Point Health Tech, Inc.	\$1.0	-	-	-	No

M&A TRANSACTIONS

Announced U.S. Healthcare & Life Sciences M&A⁽¹⁾

Announced	Target	Seller	Buyer	Enterprise Value (\$mm)	Enterprise Value /			Private Equity Involvement
					Sales	EBITDA	EBIT	
11/16/2020	ClearChoice Management Services, LLC	ClearChoice Holdings, LLC	Aspen Dental Management, Inc.	-	-	-	-	No
11/16/2020	Cardona Medical Center, Inc.	-	CareMax Medical Group, L.L.C.	-	-	-	-	No
11/16/2020	Ivy Ventures, LLC	-	Centauri Health Solutions, Inc.	\$18.5	-	-	-	No
11/16/2020	Seasons Hospice & Palliative Care	-	AccentCare, Inc.	-	-	-	-	No
11/16/2020	MedAptus, Inc.	-	Volaris Group Inc.	-	-	-	-	No
11/15/2020	Comfort Care Hospice LLC.	-	Silverstone Hospice, LLC	-	-	-	-	No
11/14/2020	Occupational Health Centers of Texas Health Resources Inc.	Texas Health Resources Inc.	Concentra, Inc.	\$40.0	-	-	-	No
11/14/2020	Mountain Region Family Medicine, P.C.	-	State of Franklin Healthcare Associates, PLLC	-	-	-	-	No
11/13/2020	St Andrew's Healthcare	-	Nottinghamshire Healthcare NHS Foundation	-	-	-	-	No
11/12/2020	Verdeca LLC	Arcadia Biosciences, Inc. (NasdaqCM:RKDA)	Bioceres Crop Solutions Corp. (AMEX:BIOX)	-	-	-	-	No
11/12/2020	Medical Business assets of CUBEX LLC	CUBEX LLC	Becton, Dickinson and Company (NYSE:BDX)	-	-	-	-	No
11/12/2020	Assets of Full Spectrum Biosciences, Inc.	Full Spectrum Biosciences, Inc.	Primo Nutraceuticals Inc. (CNSX:PRMO)	-	-	-	-	No
11/12/2020	Family Vision Practice	-	Sterling Vision, P.C.	-	-	-	-	No
11/12/2020	General Processing LLC	-	EcoGen, Inc.	-	-	-	-	No
11/12/2020	Two Labs, LLC	Excellere Partners, LLC	Envision Pharma, Inc.	\$260.0	-	-	-	Yes
11/12/2020	Grace Hospice of Oklahoma, LLC	-	LHC Group, Inc. (NasdaqGS:LHCG)	\$20.9	-	-	-	Yes
11/12/2020	Akers Biosciences, Inc. (NasdaqCM:AKER)	-	MyMD Pharmaceuticals, Inc.	-	-	-	-	No
11/12/2020	Portfolio of three senior housing communities located in	-	Radiant Senior Living, Inc.	-	-	-	-	No
11/11/2020	Queen City Hospice, LLC	-	Addus HomeCare Corporation	-	-	-	-	No
11/11/2020	Alternative Medical Enterprises, LLC and Plants of Ruskin,	MainLine Investment Partners	Verano Holdings, LLC	-	-	-	-	No
11/11/2020	PRMS LLC	-	Nextelligent Holdings, Inc. (OTCPK:NXGT)	-	-	-	-	No
11/11/2020	Lockwood Chiropractic LLC	-	IMAC Holdings, Inc. (NasdaqCM:IMAC)	\$26.0	-	-	-	No
11/11/2020	Eagle Pharmacy, LLC	-	J. Knipper and Company, Inc.	-	-	-	-	No
11/11/2020	eStudySite, Inc.	-	VCR Holdings, LLC	-	-	-	-	No
11/11/2020	Access Medical Center	-	Urgent Care Group, LLC	-	-	-	-	No

WHAT WE'VE BEEN READING

PAYOR | HOUSE AND SENATE PANELS REACH PROVIDER-FRIENDLY DEAL TO END SURPRISE MEDICAL BILLING

A deal to end surprise medical bills includes a major win for the provider industry with lawmakers endorsing an arbitration method for settling out-of-network disputes. Leaders of several major House and Senate committees announced a deal Friday night to end a yearlong stalemate over how to end surprise medical bills. The deal is a win for providers that wanted an arbitration resolution for out-of-network charges and a loss for payers who endorsed a benchmark rate for such charges. The committee leaders said they “look forward to continuing to work together to finalize and attach this important new patient protection to the end-of-year funding package.” The deal would prohibit certain out-of-network providers from balance billing patients unless the patient is notified of their network status, according to a release on the deal. The patient also has to have an estimate of any charges 72 hours prior to getting the out-of-network care. Out-of-network charges will be based on a negotiation between payers and providers. “There is no minimum payment threshold to enter [independent dispute resolution] and claims may be batched together to ease administrative burdens,” the release added. The parties have to submit an offer to an independent arbiter who will choose one of the amounts. After the process is completed, the payer or provider that initiated the dispute can’t take the same party “to arbitration for the same item or service for 90 days,” the release said. The deal effectively ends a yearlong stalemate between the House committees on Energy and Commerce, Ways and Means, and Education and Labor along with the Senate Health, Education, Labor and Pensions (HELP) Committee.

[Read the article.](#)

PHARMA | ASTRAZENECA SNAPS UP ALEXION FOR \$39B IN A LEAP TOWARD CEO'S \$40B REVENUE GOAL

Just when Gilead Sciences’ \$21 billion acquisition of Immunomedics looked to be 2020’s biggest biopharma deal, AstraZeneca came up with an even larger one—and it involves one of the industry’s top takeover targets. AstraZeneca is splashing out \$39 billion to buy Alexion in a cash-and-stock deal, the British pharma revealed Saturday. The deal is driven by AstraZeneca’s desire to build a stronger presence in immunology—and to give its top line an immediate boost. The deal values Alexion at \$175 per share, a 45% premium to the Boston biotech’s closing price on Friday. As part of the cost will be paid in AstraZeneca shares, Alexion investors will own about 15% of the combined enterprise when the deal closes, likely in the third quarter of 2021. “Alexion has established itself as a leader in complement biology, bringing life-changing benefits to patients with rare diseases,” AstraZeneca CEO Pascal Soriot said in a statement. “This acquisition allows us to enhance our presence in immunology.” It also makes Soriot’s target of \$40 billion in sales by 2023 more attainable. Last year, the biotech brought in sales of \$5 billion, up 21% year over year, led by blockbuster rare disease med Soliris. And Alexion management has set a 2025 revenue target of about \$9 billion to \$10 billion. In comparison, AZ’s global sales hit \$23.6 billion in 2019, a year-over-year boost of 12%. AZ is grabbing a prize that doesn’t obviously fit with its own portfolio, but one that’s been a frequent guest on industry watchers’ lists of top takeover targets given its established portfolio and expertise in rare diseases. It’s also the No. 1 pick on Fierce Biotech’s most recent biopharma acquisition target roster, compiled with Jefferies analyst Jared Holz. Holz previously noted that Alexion has been one of the cheapest stocks among mid- to large-cap biotechs based on its price-earnings ratio.

[Read the article.](#)

TECH | AMAZON LAUNCHES NEW TOOL TO HELP HEALTHCARE ORGANIZATIONS STANDARDIZE DATA

Amazon’s cloud division rolled out a new tool to make it easier for healthcare organizations to search and analyze data. Amazon HealthLake is a HIPAA-eligible service for healthcare and life sciences organizations that aggregates an organization’s complete data across various silos and disparate formats into a centralized Amazon Web Services (AWS) data lake and automatically normalizes this information using machine learning, the tech giant announced Tuesday. The tool makes it easier for customers to query, perform analytics and run machine learning to derive meaningful value from the newly normalized data, the company said. Organizations such as healthcare systems, pharmaceutical companies, clinical researchers and health insurers can use this service to help spot trends and anomalies in health data so they can make much more precise predictions about the progression of disease, the efficacy of clinical trials and the accuracy of insurance premiums, AWS executives said. The service identifies each piece of clinical information, tags and indexes events in a timeline view with standardized labels so it can be easily searched, and structures all of the data into the Fast Healthcare Interoperability Resources (FHIR) industry-standard format for a complete view of the health of individual patients and entire populations, according to Taha Kass-Hout, M.D., director of machine learning and chief medical officer at AWS, while speaking at the company’s virtual AWS re:Invent event Tuesday. Healthcare organizations are making strides to apply analytics and machine learning to improve care, analyze population health trends and improve operational efficiency.

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PUBLIC COMPARABLES

PAYOR, PROVIDER, & PHARMACY SUPPORT SERVICES ⁽¹⁾

Company Name	Stock Price					Equity Mkt. Value	Total Debt	Cash and Equiv.	Total Ent. Value (TEV)	Latest Twelve Months (LTM)			LTM Period	Latest FYE Date	Forward Twelve Month Estimate			TEV/ LTM Multiples		TEV/ Fwd Multiples			
	% Change		52 Week		Revenue					EBITDA	EBIT	Revenue			EBITDA	EBIT	Revenue	EBITDA	EBIT	Revenue	EBITDA	Revenue	EBITDA
	11/30/2020	3 mos.	12 mos.	High																			
<i>Clinical Laboratories</i>																							
Laboratory Corporation of America Holdings	\$199.84	12.6%	16.0%	\$218.77	\$98.02	\$19,464	\$6,684	\$667	\$25,546	\$12,442	\$3,204	\$2,054	Sep-20	Dec-19	\$14,290	\$3,505	\$2,965	2.1x	8.0x	1.8x	7.3x		
Quest Diagnostics Incorporated	123.98	11.9%	16.4%	131.81	73.02	16,708	5,149	1,605	20,717	8,361	2,352	1,623	Sep-20	Dec-19	9,617	2,344	1,990	2.5x	8.8x	2.2x	8.8x		
Number of Companies	2	Median:	12.3%	16.2%	Total	\$36,173			\$46,262	\$20,803					\$23,907			2.3x	8.4x	2.0x	8.1x		
Market Cap. Weighted Average:			12.3%	16.2%														2.2x	8.4x	2.0x	8.0x		
<i>Contract Pharma Manufacturing</i>																							
Cleantech Building Materials Plc	\$3.59	0.0%	0.0%	\$0.00	\$0.00	\$245	\$1	\$0	\$254	\$1	(\$3)	(\$4)	Jun-20	Dec-19	NA	NA	NA	NM	NM	NA	NA		
West Pharmaceutical Services, Inc.	275.16	1.3%	87.1%	305.00	124.53	20,342	330	519	20,722	2,037	510	386	Sep-20	Dec-19	2,303	582	461	10.2x	NM	9.0x	NM		
Number of Companies	2	Median:	0.7%	43.6%	Total	\$20,587			\$20,976	\$2,038					\$2,303			10.2x	#NUM!	9.0x	#NUM!		
Market Cap. Weighted Average:			1.3%	86.1%														10.2x	NM	9.0x	NM		
<i>Contract Research Organizations</i>																							
Catalent, Inc.	\$96.14	9.7%	84.9%	\$120.48	\$31.04	\$15,834	\$3,063	\$1,007	\$18,496	\$3,275	\$722	\$460	Sep-20	Jun-20	\$3,804	\$960	\$729	5.6x	25.6x	4.9x	19.3x		
Charles River Laboratories International, Inc.	234.52	7.8%	61.5%	257.88	95.58	11,666	2,188	244	13,833	2,824	741	478	Sep-20	Dec-19	3,094	764	631	4.9x	18.7x	4.5x	18.1x		
ICON Public Limited Company	194.88	6.6%	19.4%	215.29	104.28	10,285	437	710	10,062	2,762	500	405	Sep-20	Dec-19	3,097	540	472	3.6x	20.1x	3.2x	18.6x		
Syneos Health, Inc.	65.84	6.2%	19.9%	74.25	30.02	6,847	2,846	249	9,482	4,489	662	336	Sep-20	Dec-19	4,888	709	631	2.1x	14.3x	1.9x	13.4x		
PRA Health Sciences, Inc.	112.20	7.0%	3.1%	118.44	58.67	7,198	1,482	336	8,516	3,110	473	290	Sep-20	Dec-19	3,399	575	516	2.7x	18.0x	2.5x	14.8x		
IQVIA Holdings Inc.	168.99	4.8%	15.8%	180.77	81.79	32,400	13,060	1,543	44,714	10,956	1,973	711	Sep-20	Dec-19	12,281	2,696	2,283	4.1x	22.7x	3.6x	16.6x		
Number of Companies	6	Median:	6.8%	19.7%	Total	\$84,229			\$105,102	\$27,417					\$30,563			3.9x	19.4x	3.4x	17.4x		
Market Cap. Weighted Average:			6.7%	34.8%														4.2x	21.3x	3.7x	17.1x		
<i>Disease Management</i>																							
Tivity Health, Inc.	\$18.43	14.3%	(18.6%)	\$26.07	\$1.92	\$896	\$1,050	\$56	\$1,890	\$1,128	\$229	\$150	Sep-20	Dec-19	\$767	\$159	\$116	1.7x	8.3x	2.5x	11.9x		
Number of Companies	1	Median:	14.3%	(18.6%)	Total	\$896			\$1,890	\$1,128					\$767			1.7x	8.3x	2.5x	11.9x		
Market Cap. Weighted Average:			14.3%	(18.6%)														1.7x	8.3x	2.5x	11.9x		
<i>Healthcare Staffing</i>																							
AMN Healthcare Services, Inc.	\$65.16	21.7%	9.6%	\$89.22	\$36.65	\$3,065	\$1,001	\$58	\$4,008	\$2,349	\$309	\$181	Sep-20	Dec-19	\$2,338	\$310	\$193	1.7x	12.9x	1.7x	12.9x		
Cross Country Healthcare, Inc.	8.70	38.8%	(27.9%)	13.42	4.50	327	81	3	405	836	38	15	Sep-20	Dec-19	773	30	13	0.5x	10.7x	0.5x	13.4x		
ASGN Incorporated	78.18	7.3%	16.7%	85.65	29.04	4,136	1,134	230	5,040	3,964	415	316	Sep-20	Dec-19	4,008	436	322	1.3x	12.1x	1.3x	11.5x		
Number of Companies	3	Median:	21.7%	9.6%	Total	\$7,527			\$9,453	\$7,150					\$7,120			1.3x	12.1x	1.3x	12.9x		
Market Cap. Weighted Average:			14.5%	11.8%														1.4x	12.4x		12.2x		

PUBLIC COMPARABLES

PAYOR, PROVIDER, & PHARMACY SUPPORT SERVICES ⁽¹⁾

Company Name	Stock Price					Equity Mkt. Value	Total Debt	Cash and Equiv.	Total Ent. Value (TEV)	Latest Twelve Months (LTM)			LTM Period	Latest FYE Date	Forward Twelve Month Estimate			TEV/ LTM Multiples		TEV/ Fwd Multiples	
	11/30/2020	% Change		52 Week						Revenue	EBITDA	EBIT			Revenue	EBITDA	EBIT	Revenue	EBITDA	Revenue	EBITDA
		3 mos.	12 mos.	High	Low																
HMO - Medical																					
Commercial:																					
Anthem, Inc.	311.52	12.3%	7.9%	338.20	171.03	77,476	22,852	29,766	97,232	117,449	9,155	8,138	Sep-20	Dec-19	127,409	8,957	8,097	0.8x	10.6x	0.8x	10.9x
Cigna Corporation	209.14	15.5%	4.6%	224.96	118.50	75,555	36,607	6,668	107,719	157,009	11,552	9,178	Sep-20	Dec-19	165,472	10,934	8,763	0.7x	9.3x	0.7x	9.9x
Humana Inc.	400.52	(1.8%)	17.4%	474.70	208.25	53,005	7,997	20,726	53,091	74,388	6,029	5,776	Sep-20	Dec-19	80,703	3,409	2,891	0.7x	8.8x	0.7x	15.6x
UnitedHealth Group Incorporated	336.34	7.0%	20.2%	367.95	187.72	319,126	43,794	20,809	355,541	252,575	27,139	23,983	Sep-20	Dec-19	272,711	23,579	20,409	1.4x	13.1x	1.3x	15.1x
Number of Companies	4	Median:	9.7%	12.6%	Total	\$525,164			\$613,584	\$601,421					\$646,295			0.8x	10.0x	0.7x	13.0x
Market Cap. Weighted Average:			8.1%	15.8%														1.1x	11.8x	1.1x	13.8x
Government:																					
Centene Corporation	\$61.65	1.9%	2.0%	\$74.70	\$43.96	\$35,745	\$18,063	\$13,695	\$41,764	\$95,748	\$5,586	\$4,247	Sep-20	Dec-19	\$115,527	\$4,506	\$3,972	0.4x	7.5x	0.4x	9.3x
Molina Healthcare, Inc.	204.13	11.0%	50.6%	224.00	102.85	12,105	2,039	4,965	11,051	17,657	1,287	1,235	Sep-20	Dec-19	22,538	1,155	1,058	0.6x	8.6x	0.5x	9.6x
Webcentral Group Limited	0.00	0.0%	0.0%	0.00	0.00	0	2,200	2,308	0	27,901	1,204	965	Dec-19	Dec-19	NA	NA	NA	0.0x	0.0x	NA	NA
Number of Companies	3	Median:	1.9%	2.0%	Total	\$47,849			\$52,814	\$141,306					\$138,065			0.4x	7.5x	0.4x	9.4x
Market Cap. Weighted Average:			4.2%	14.3%														0.5x	7.8x	0.4x	9.3x
Information Services																					
Data/Analytics:																					
Castlight Health, Inc.	\$1.26	(6.7%)	(9.4%)	\$1.63	\$0.60	\$194	\$17	\$47	\$163	\$146	(\$11)	(\$22)	Sep-20	Dec-19	\$128	(\$0)	(\$3)	1.1x	NM	1.3x	NM
Inovalon Holdings, Inc.	18.67	(23.7%)	3.7%	27.93	13.39	2,901	1,040	120	3,825	651	190	65	Sep-20	Dec-19	729	260	113	5.9x	20.1x	5.2x	14.7x
National Research Corporation	51.31	(10.2%)	(20.5%)	71.35	34.00	1,296	34	22	1,330	131	48	42	Sep-20	Dec-19	NA	NA	NA	10.1x	27.5x	NA	NA
Number of Companies	3	Median:	(10.2%)	(9.4%)	Total	\$4,391			\$1,330	\$928					\$857			5.9x	23.8x	3.3x	14.7x
Market Cap. Weighted Average:			(19.0%)	(4.0%)														6.9x	22.4x	5.0x	14.7x
Hospital/Physician:																					
Allscripts Healthcare Solutions, Inc.	\$13.68	52.2%	26.9%	\$14.48	\$4.56	\$2,161	\$1,196	\$219	\$3,143	\$1,676	\$112	\$21	Sep-20	Dec-19	\$1,588	\$270	\$156	1.9x	28.0x	2.0x	11.6x
Cerner Corporation	74.84	2.8%	4.5%	80.90	53.08	22,945	1,502	892	23,740	5,553	1,284	792	Sep-20	Dec-19	5,648	1,834	1,180	4.3x	18.5x	4.2x	12.9x
Computer Programs and Systems, Inc.	28.43	3.9%	6.9%	35.78	16.93	401	97	12	486	268	36	25	Sep-20	Dec-19	276	51	30	1.8x	13.4x	1.8x	9.6x
HMS Holdings Corp.	31.42	11.4%	4.0%	33.42	18.20	2,782	258	211	2,851	643	123	79	Sep-20	Dec-19	733	203	130	4.4x	23.2x	3.9x	14.0x
Premier, Inc.	35.42	12.7%	(0.3%)	39.70	27.11	4,325	658	120	4,876	1,344	536	377	Sep-20	Jun-20	1,382	465	297	3.6x	9.1x	3.5x	10.5x
NextGen Healthcare, Inc.	17.74	34.0%	(3.7%)	18.74	5.10	1,184	111	103	1,201	545	44	22	Sep-20	Mar-20	557	98	26	2.2x	27.3x	2.2x	12.2x
Number of Companies	6	Median:	12.0%	4.3%	Total	\$33,798			\$36,296	\$10,029					\$10,183			2.9x	20.8x	2.8x	11.9x
Market Cap. Weighted Average:			9.0%	5.0%														4.0x	18.5x	3.8x	12.6x

PUBLIC COMPARABLES

PAYOR, PROVIDER, & PHARMACY SUPPORT SERVICES ⁽¹⁾

Company Name	Stock Price					Equity Mkt. Value	Total Debt	Cash and Equiv.	Total Ent. Value (TEV)	Latest Twelve Months (LTM)			LTM Period	Latest FYE Date	Forward Twelve Month Estimate			TEV/ LTM Multiples		TEV/ Fwd Multiples	
	11/30/2020	% Change		52 Week						Revenue	EBITDA	EBIT			Revenue	EBITDA	EBIT	Revenue	EBITDA	Revenue	EBITDA
		3 mos.	12 mos.	High	Low																
<i>Specialty Managed Care</i>																					
Assurant, Inc.	\$129.12	5.2%	(2.8%)	\$142.61	\$76.27	\$7,587	\$2,009	\$2,453	\$7,399	\$10,108	\$946	\$803	Sep-20	Dec-19	\$9,183	NA	\$865	0.7x	7.8x	0.8x	NA
CorVel Corporation	89.55	7.1%	8.5%	96.45	44.67	1,603	96	106	1,623	561	91	53	Sep-20	Mar-20	NA	NA	NA	2.9x	17.8x	NA	NA
HealthEquity, Inc.	71.69	24.4%	14.0%	88.78	34.40	5,510	1,100	269	6,420	724	216	101	Jul-20	Jan-20	747	219	42	8.9x	29.7x	8.6x	29.3x
Number of Companies	3	Median:	7.1%	8.5%	Total	\$14,700			\$15,443	\$11,393					\$9,930			2.9x	17.8x	4.7x	29.3x
Market Cap. Weighted Average:		12.6%	4.7%															4.0x	17.1x	4.1x	29.3x
<i>Retail Pharmacy</i>																					
CVS Health Corporation	\$67.79	7.2%	(9.9%)	\$76.44	\$52.04	\$88,731	\$87,273	\$12,087	\$164,222	\$265,285	\$21,786	\$14,117	Sep-20	Dec-19	\$275,638	\$17,058	\$14,914	0.6x	7.5x	0.6x	9.6x
Walgreens Boots Alliance, Inc.	38.01	(1.9%)	(36.2%)	59.92	33.36	32,913	41,220	516	74,115	139,537	9,079	3,373	Aug-20	Aug-20	143,147	6,823	5,287	0.5x	8.2x	0.5x	10.9x
Rite Aid Corporation	13.20	(3.2%)	45.7%	23.88	7.49	706	6,677	93	7,290	23,199	1,437	308	Aug-20	Feb-20	23,929	485	94	0.3x	5.1x	0.3x	15.0x
Number of Companies	3	Median:	(1.9%)	(9.9%)	Total	\$122,350			\$245,628	\$428,021					\$442,715			0.5x	7.5x	0.5x	10.9x
Market Cap. Weighted Average:		4.7%	(16.7%)															0.6x	7.7x	0.6x	10.0x
<i>Specialty Pharmacy</i>																					
Diplomat Pharmacy, Inc.	\$0.00	0.0%	0.0%	\$0.00	\$0.00	\$0	\$587	\$8	\$0	\$5,206	\$61	(\$6)	Sep-19	Dec-18	NA	NA	NA	0.0x	0.0x	NA	NA
Number of Companies	1	Median:	0.0%	0.0%	Total	\$0			\$0	\$5,206					\$0			0.0x	0.0x	0.0x	NM
Market Cap. Weighted Average:		0.0%	0.0%															NM	NM	NM	NM

PUBLIC COMPARABLES

PRODUCTS & DEVICES ⁽¹⁾

Company Name	Stock Price					Equity Mkt. Value	Total Debt	Cash and Equiv.	Total Ent. Value (TEV)	Latest Twelve Months (LTM)			LTM Period	Latest FYE Date	Forward Twelve Month Estimate			TEV/ LTM Multiples		TEV/ Fwd Multiples		
	11/30/2020	% Change	52 Week		Revenue					EBITDA	EBIT	Revenue			EBITDA	EBIT	Revenue	EBITDA	Revenue	EBITDA	Revenue	EBITDA
	3 mos.	12 mos.	High	Low																		
Dental Products																						
3M Company	\$172.73	4.3%	1.7%	\$182.55	\$114.04	\$99,634	\$20,455	\$4,566	\$116,216	\$31,712	\$9,091	\$6,810	Sep-20	Dec-19	\$33,405	\$9,212	\$7,302	3.7x	12.8x	3.5x	12.6x	
DENTSPLY SIRONA Inc.	50.89	12.3%	(10.0%)	60.87	31.58	11,122	2,332	1,272	12,197	3,371	687	294	Sep-20	Dec-19	3,694	829	677	3.6x	17.8x	3.3x	14.7x	
Number of Companies	2	Median:	8.3%	(4.1%)	Total	\$110,757			\$128,413	\$35,083					\$37,099			3.6x	15.3x	3.4x	13.7x	
Market Cap. Weighted Average:			5.1%	0.6%														3.7x	13.3x	3.5x	12.8x	
Durable Medical Equipment																						
Arjo AB (publ)	\$6.92	16.7%	38.8%	\$7.82	\$4.44	\$1,885	\$733	\$97	\$2,550	\$1,016	\$205	\$103	Sep-20	Dec-19	\$1,093	\$237	\$122	2.5x	12.4x	2.3x	10.7x	
Hill-Rom Holdings, Inc.	94.86	1.8%	(11.5%)	117.68	72.29	6,338	2,002	297	8,053	2,881	605	396	Sep-20	Sep-20	2,775	591	515	2.8x	13.3x	2.9x	13.6x	
Invacare Corporation	8.53	23.6%	(2.3%)	9.97	3.90	294	323	87	529	860	38	11	Sep-20	Dec-19	864	43	15	0.6x	14.0x	0.6x	12.4x	
ResMed Inc.	209.60	16.3%	40.1%	224.24	108.85	30,374	1,189	421	31,270	3,028	981	837	Sep-20	Jun-20	3,215	1,081	912	10.3x	31.9x	9.7x	28.9x	
Number of Companies	4	Median:	16.5%	18.3%	Total	\$38,890			\$42,403	\$7,785					\$7,947			2.7x	13.7x	2.6x	13.0x	
Market Cap. Weighted Average:			14.0%	31.3%														8.6x	27.8x	8.2x	25.4x	
Life Sciences Tools																						
Agilent Technologies, Inc.	\$116.90	17.0%	44.7%	\$118.96	\$61.13	\$35,771	\$2,359	\$1,441	\$36,807	\$5,339	\$1,154	\$846	Oct-20	Oct-20	\$5,724	\$1,520	\$1,385	6.9x	31.9x	6.4x	24.2x	
Becton, Dickinson and Company	234.84	(3.3%)	(9.2%)	286.72	197.75	68,111	18,373	2,845	84,070	17,117	4,805	2,520	Sep-20	Sep-20	19,092	5,754	4,895	4.9x	17.5x	4.4x	14.6x	
Thermo Fisher Scientific Inc.	464.98	9.5%	48.1%	532.57	250.21	184,288	21,107	7,540	199,847	28,497	8,361	6,062	Sep-20	Dec-19	33,260	10,818	10,012	7.0x	23.9x	6.0x	18.5x	
Number of Companies	3	Median:	9.5%	44.7%	Total	\$288,170			\$320,724	\$50,953					\$58,077			6.9x	23.9x	6.0x	18.5x	
Market Cap. Weighted Average:			7.4%	34.2%														6.5x	23.4x	5.7x	18.3x	
Medical Devices and Products																						
Abbott Laboratories	\$108.22	(2.3%)	26.6%	\$115.14	\$61.61	\$191,805	\$18,563	\$4,731	\$207,398	\$32,221	\$7,823	\$4,606	Sep-20	Dec-19	\$38,623	\$11,079	\$9,886	6.4x	26.5x	5.4x	18.7x	
Baxter International Inc.	76.07	(11.6%)	(7.2%)	95.19	69.10	38,858	7,156	4,359	42,200	11,531	2,967	1,938	Sep-20	Dec-19	11,962	2,735	2,200	3.7x	14.2x	3.5x	15.4x	
Boston Scientific Corporation	33.15	(19.2%)	(23.4%)	46.62	24.10	47,468	9,592	2,022	55,365	10,108	2,205	996	Sep-20	Dec-19	11,599	3,182	2,890	5.5x	25.1x	4.8x	17.4x	
Conformis, Inc.	0.64	(5.8%)	(65.6%)	1.87	0.50	55	30	33	59	72	(17)	(23)	Sep-20	Dec-19	75	(26)	(27)	0.8x	NM	0.8x	NM	
Danaher Corporation	224.63	9.2%	53.9%	248.32	119.60	159,572	22,761	5,688	179,924	20,392	5,813	4,042	Oct-20	Dec-19	24,767	7,389	5,487	8.8x	31.0x	7.3x	24.4x	
Hologic, Inc.	69.13	14.5%	34.7%	77.49	26.49	17,767	3,170	701	20,371	3,776	1,561	1,157	Sep-20	Sep-20	5,014	2,555	2,469	5.4x	13.1x	4.1x	8.0x	
Johnson & Johnson	144.68	(5.8%)	5.2%	157.00	109.16	380,876	37,758	30,781	392,212	80,856	27,264	20,157	Sep-20	Dec-19	87,382	29,748	26,937	4.9x	14.4x	4.5x	13.2x	
Medtronic plc	113.70	5.4%	2.1%	122.15	72.13	152,480	30,008	14,277	169,311	27,868	6,541	4,062	Oct-20	Apr-20	31,910	10,298	8,791	6.1x	25.9x	5.3x	16.4x	
Penumbra, Inc.	221.90	0.4%	25.4%	277.00	121.80	8,057	78	269	7,888	539	(0)	(24)	Sep-20	Dec-19	648	58	19	14.6x	NM	12.2x	NM	
Stryker Corporation	233.40	17.8%	13.9%	242.51	124.54	87,710	13,537	7,161	95,625	14,220	3,982	3,073	Sep-20	Dec-19	16,070	4,738	4,280	6.7x	24.0x	6.0x	20.2x	
Teleflex Incorporated	382.75	(0.6%)	8.3%	409.27	221.27	17,823	2,219	373	19,962	2,507	687	430	Sep-20	Dec-19	2,763	822	742	8.0x	29.1x	7.2x	24.3x	
Number of Companies	11	Median:	(0.6%)	8.3%	Total	#####			\$1,190,315	\$204,090					\$230,813			6.1x	25.1x	5.3x	17.4x	
Market Cap. Weighted Average:			0.1%	15.3%														6.1x	22.0x	5.3x	17.2x	
Medical / Surgical / Dental Supplies & Distribution																						
AmerisourceBergen Corporation	\$103.11	5.7%	17.3%	\$111.25	\$72.06	\$21,060	\$4,598	\$4,598	\$21,334	\$189,894	\$2,610	\$2,068	Sep-20	Sep-20	\$200,585	\$2,640	\$2,327	0.1x	8.2x	0.1x	8.1x	
Cardinal Health, Inc.	54.59	8.1%	(0.8%)	60.69	39.05	16,018	6,740	2,746	20,015	154,646	2,683	1,799	Sep-20	Jun-20	163,340	2,889	2,488	0.1x	7.5x	0.1x	6.9x	
Henry Schein, Inc.	64.31	(3.2%)	(6.7%)	73.99	41.85	9,182	1,396	533	10,976	9,622	863	588	Sep-20	Dec-19	10,818	923	731	1.1x	12.7x	1.0x	11.9x	
McKesson Corporation	179.91	16.9%	24.4%	187.67	112.60	28,887	9,709	3,091	37,002	234,194	4,774	3,297	Sep-20	Mar-20	245,935	4,504	3,852	0.2x	7.8x	0.2x	8.2x	
Owens & Minor, Inc.	25.76	55.6%	289.1%	27.75	3.63	1,894	1,469	77	3,285	8,309	293	157	Sep-20	Dec-19	8,662	393	336	0.4x	11.2x	0.4x	8.3x	
Patterson Companies, Inc.	27.76	(5.7%)	42.7%	30.38	12.93	2,642	821	120	3,346	5,407	345	226	Jul-20	Apr-20	5,617	276	228	0.6x	9.7x	0.6x	12.1x	
Number of Companies	6	Median:	6.9%	20.8%	Total	\$79,683			\$95,959	\$602,072					\$634,958			0.3x	8.9x	0.3x	8.3x	
Market Cap. Weighted Average:			10.0%	20.8%														0.3x	8.5x	0.3x	8.5x	

PUBLIC COMPARABLES

PRODUCTS & DEVICES ⁽¹⁾

Company Name	Stock Price					Equity Mkt. Value	Total Debt	Cash and Equiv.	Total Ent. Value (TEV)	Latest Twelve Months (LTM)			LTM Period	Latest FYE Date	Forward Twelve Month Estimate			TEV/ LTM Multiples		TEV/ Fwd Multiples			
	% Change		52 Week		Revenue					EBITDA	EBIT	Revenue			EBITDA	EBIT	Revenue	EBITDA	EBIT	Revenue	EBITDA	Revenue	EBITDA
	11/30/2020	3 mos.	12 mos.	High																			
<i>Spec Pharma and Generics</i>																							
Aegon N.V.	\$3.75	31.3%	(23.4%)	\$5.11	\$1.86	\$7,575	\$12,649	\$32,423	\$7,724	\$39,425	\$1,537	\$1,447	Jun-20	Dec-19	\$26,144	NA	\$2,004	0.2x	5.0x	0.3x	NA		
Amneal Pharmaceuticals, Inc.	3.95	(2.0%)	5.1%	5.79	2.40	583	3,019	282	3,379	1,880	405	149	Sep-20	Dec-19	2,017	476	381	1.8x	8.3x	1.7x	7.1x		
Eagle Pharmaceuticals, Inc.	45.50	15.0%	(22.2%)	62.41	33.80	593	39	90	542	186	31	26	Sep-20	Dec-19	221	30	NA	2.9x	17.6x	2.5x	17.9x		
Endo International plc	5.08	67.7%	0.0%	7.10	2.08	1,170	8,405	1,680	7,895	2,908	364	674	Sep-20	Dec-19	2,650	1,293	1,081	2.7x	21.7x	3.0x	6.1x		
Horizon Therapeutics Public Limited Company	70.43	(2.8%)	114.9%	86.67	23.81	15,545	1,051	1,725	15,231	1,819	334	306	Sep-20	Dec-19	2,769	1,172	NA	8.4x	NM	5.5x	13.0x		
Jazz Pharmaceuticals plc	140.71	5.2%	(6.9%)	158.98	86.88	7,840	2,247	1,917	8,241	2,280	1,023	669	Sep-20	Dec-19	2,496	1,189	1,172	3.6x	8.1x	3.3x	6.9x		
Lannett Company, Inc.	6.16	18.2%	(30.2%)	10.34	4.89	248	679	109	819	545	108	47	Sep-20	Jun-20	539	108	74	1.5x	7.6x	1.5x	7.6x		
Montauk Holdings Limited	4.49	90.5%	110.5%	5.95	1.65	622	71	12	692	99	27	6	Dec-19	Dec-19	NA	NA	NA	7.0x	26.1x	NA	NA		
Mylan N.V.	0.06	(22.0%)	100.0%	0.09	0.02	109	0	8	101	0	(10)	(10)	Jun-20	Jun-20	NA	NA	NA	NA	NM	NA	NA		
Perrigo Company plc	48.22	(8.7%)	(5.9%)	63.86	40.01	6,582	3,699	853	9,428	5,097	966	532	Sep-20	Dec-19	5,135	940	842	1.8x	9.8x	1.8x	10.0x		
Teva Pharmaceutical Industries Limited	9.51	(0.9%)	(8.7%)	13.76	6.25	10,423	26,093	1,827	35,688	16,673	4,922	3,163	Sep-20	Dec-19	16,898	4,957	4,337	2.1x	7.3x	2.1x	7.2x		
Bausch Health Companies Inc.	18.57	9.8%	(34.2%)	31.97	11.15	6,593	24,343	977	30,027	8,038	3,119	1,230	Sep-20	Dec-19	8,361	3,302	3,107	3.7x	9.6x	3.6x	9.1x		
Number of Companies	12	Median:	7.5%	(6.4%)	Total	\$57,882			\$119,767	\$78,948					\$67,230			2.7x	9.0x	2.3x	7.6x		
Market Cap. Weighted Average:			6.5%	21.8%														4.0x	8.6x	3.1x	9.7x		

PUBLIC COMPARABLES

PROVIDER-BASED SERVICES⁽¹⁾

Company Name	Stock Price					Equity Mkt. Value	Total Debt	Cash and Equiv.	Total Ent. Value (TEV)	Latest Twelve Months (LTM)			LTM Period	Latest FYE Date	Forward Twelve Month Estimate			TEV/ LTM Multiples		TEV/ Fwd Multiples				
	11/30/2020	% Change		52 Week						Revenue	EBITDA	EBIT			Revenue	EBITDA	EBIT	Revenue	EBITDA	EBIT	Revenue	EBITDA	Revenue	EBITDA
		3 mos.	12 mos.	High	Low																			
Acute-Care Hospitals																								
Community Health Systems, Inc.	\$8.18	53.2%	155.6%	\$11.04	\$2.25	\$941	\$13,533	\$1,823	\$13,192	\$11,955	\$1,389	\$610	Sep-20	Dec-19	\$12,206	\$1,561	\$1,005	1.1x	9.5x	1.1x	8.5x			
HCA Healthcare, Inc.	150.11	10.4%	8.3%	155.84	58.38	50,793	32,654	6,684	79,036	50,763	10,517	6,904	Sep-20	Dec-19	54,002	10,459	7,640	1.6x	7.5x	1.5x	7.6x			
Tenet Healthcare Corporation	31.43	9.1%	(2.4%)	39.37	10.00	3,316	15,716	3,300	18,123	17,531	2,520	1,673	Sep-20	Dec-19	18,958	2,722	1,855	1.0x	7.2x	1.0x	6.7x			
Number of Companies	3	Median:	10.4%	8.3%	Total	\$55,051			\$110,352	\$80,249					\$85,166			1.1x	7.5x	1.1x	7.6x			
Market Cap. Weighted Average:			11.0%	10.1%														1.5x	7.5x	1.4x	7.5x			
Assisted Living																								
Brookdale Senior Living Inc.	\$4.24	48.8%	(40.6%)	\$8.57	\$1.47	\$778	\$5,518	\$491	\$5,807	\$3,145	\$703	\$73	Sep-20	Dec-19	\$3,277	\$339	(\$8)	1.8x	8.3x	1.8x	17.1x			
Capital Senior Living Corporation	0.87	26.1%	(77.2%)	3.92	0.45	27	925	14	938	397	84	(25)	Sep-20	Dec-19	NA	NA	NA	2.4x	11.2x	NA	NA			
Number of Companies	2	Median:	37.4%	(58.9%)	Total	\$805			\$6,745	\$3,542					\$3,277			2.1x	9.7x	1.8x	17.1x			
Market Cap. Weighted Average:			48.0%	(41.9%)														1.9x	8.4x	1.8x	17.1x			
Long-Term Care																								
National HealthCare Corporation	62.22	(4.5%)	(26.8%)	89.11	55.88	956	201	296	865	985	135	52	Sep-20	Dec-19	NA	NA	NA	0.9x	6.4x	NA	NA			
The Ensign Group, Inc.	71.87	22.6%	65.5%	73.48	24.06	3,856	1,117	193	4,999	2,334	389	207	Sep-20	Dec-19	2,608	317	257	2.1x	12.8x	1.9x	15.8x			
Number of Companies	2	Median:	9.1%	19.3%	Total	\$4,811			\$5,864	\$3,319					\$2,608			1.5x	9.6x	1.9x	15.8x			
Market Cap. Weighted Average:			17.2%	47.2%														1.9x	11.6x	1.9x	15.8x			
Diagnostic Imaging																								
RadNet, Inc.	\$18.62	24.5%	(2.8%)	\$23.45	\$5.81	\$961	\$1,166	\$90	\$2,140	\$1,090	\$242	\$49	Sep-20	Dec-19	\$1,215	\$177	\$81	2.0x	8.9x	1.8x	12.1x			
Varian Medical Systems, Inc.	173.98	0.7%	30.1%	176.19	89.62	15,894	495	801	15,863	3,168	569	422	Oct-20	Oct-20	3,532	721	614	5.0x	27.9x	4.5x	22.0x			
Number of Companies	2	Median:	12.6%	13.6%	Total	\$16,855			\$18,003	\$4,259					\$4,747			3.5x	18.4x	3.1x	17.0x			
Market Cap. Weighted Average:			2.1%	28.2%														4.8x	26.8x	4.3x	21.4x			
Dialysis Services																								
American Renal Associates Holdings, Inc.	\$11.41	70.0%	20.6%	\$11.98	\$5.57	\$394	\$725	\$127	\$1,256	\$814	\$157	\$80	Sep-20	Dec-19	\$832	\$91	\$71	1.5x	8.0x	1.5x	13.7x			
DaVita Inc.	109.85	26.4%	53.1%	114.13	62.20	12,303	11,106	730	24,480	11,544	3,103	1,827	Sep-20	Dec-19	11,692	2,375	1,746	2.1x	7.9x	2.1x	10.3x			
Fresenius Medical Care AG & Co. KGaA	84.26	(0.6%)	5.9%	96.93	63.94	24,674	15,327	1,877	39,774	21,182	4,730	2,892	Sep-20	Dec-19	22,351	4,930	2,973	1.9x	8.4x	1.8x	8.1x			
Number of Companies	3	Median:	26.4%	20.6%	Total	\$37,371			\$65,510	\$33,540					\$34,875			1.9x	8.0x	1.8x	10.3x			
Market Cap. Weighted Average:			9.0%	18.6%														2.0x	8.2x	1.9x	8.9x			
Home Care, Hospice, and Home Infusion																								
Home Care / Hospice:																								
Addus HomeCare Corporation	\$99.25	4.8%	6.5%	\$117.77	\$43.13	\$1,554	\$104	\$170	\$1,488	\$761	\$74	\$53	Sep-20	Dec-19	\$836	\$86	\$67	2.0x	20.0x	1.8x	17.2x			
Amedisys, Inc.	244.79	1.1%	50.2%	273.77	132.95	8,032	404	113	8,496	2,021	272	208	Sep-20	Dec-19	2,265	311	277	4.2x	31.2x	3.8x	27.3x			
Chemed Corporation	478.25	(6.4%)	11.2%	528.29	330.01	7,629	133	113	7,921	2,069	410	300	Sep-20	Dec-19	2,163	448	381	3.8x	19.3x	3.7x	17.7x			
LHC Group, Inc.	196.32	(4.6%)	47.2%	236.81	100.00	6,202	122	254	6,180	2,062	225	160	Sep-20	Dec-19	2,192	270	NA	3.0x	27.5x	2.8x	22.9x			
Number of Companies	4	Median:	(1.7%)	29.2%	Total	\$23,417			\$24,083	\$6,913					\$7,457			3.4x	23.8x	3.2x	20.3x			
Market Cap. Weighted Average:			(2.6%)	1.2%														3.6x	25.6x	3.3x	22.3x			
Home Infusion:																								
Bioservo Technologies AB (publ)	\$1.26	(19.4%)	(29.6%)	\$2.26	\$0.75	\$18	\$0	\$5	\$13	\$2	(\$3)	(\$3)	Sep-20	Dec-19	NA	NA	NA	7.3x	NM	NA	NA			
Number of Companies	1	Median:	(19.4%)	(29.6%)	Total	\$18			\$13	\$2					\$0			7.3x	NM	NM	NM			
Market Cap. Weighted Average:			(19.4%)	(29.6%)														7.3x	NM	NM	NM			

*DaVita Medical Group to be acquired by UnitedHealth in a \$4.9 billion deal announced on December 6th, 2017.

PUBLIC COMPARABLES

PROVIDER-BASED SERVICES⁽¹⁾

Company Name	Stock Price					Equity Mkt. Value	Total Debt	Cash and Equiv.	Total Ent. Value (TEV)	Latest Twelve Months (LTM)			LTM Period	Latest FYE Date	Forward Twelve Month Estimate			TEV/ LTM Multiples		TEV/ Fwd Multiples			
	% Change		52 Week		Revenue					EBITDA	EBIT	Estimate			Revenue	EBITDA	EBIT	Revenue	EBITDA	Revenue	EBITDA		
	11/30/2020	3 mos.	12 mos.	High								Low										Revenue	EBITDA
Physician Practice Management																							
Specialty:																							
MEDNAX, Inc.	\$20.21	4.7%	(22.6%)	\$28.66	\$7.37	\$1,695	\$1,804	\$376	\$3,123	\$3,510	\$502	\$379	Sep-20	Dec-19	\$1,841	\$250	\$214	0.9x	6.2x	1.7x	12.5x		
Number of Companies	1	Median:		Total		\$1,695			\$3,123	\$3,510					\$1,841			0.9x	6.2x	1.7x	12.5x		
Market Cap. Weighted Average:		4.7%	(22.6%)															0.9x	6.2x	1.7x	12.5x		
Behavioral Health / Management																							
Australian Agricultural Company Limited	\$0.79	3.4%	2.4%	\$0.98	\$0.69	\$476	\$286	\$10	\$759	\$212	(\$106)	(\$119)	Sep-20	Mar-20	\$183	\$14	\$5	3.6x	NM	4.1x	NM		
Acadia Healthcare Company, Inc.	42.45	35.9%	32.0%	44.75	11.09	3,778	3,676	339	7,178	3,147	646	394	Sep-20	Dec-19	3,373	652	464	2.3x	11.1x	2.1x	11.0x		
Civitas Solutions, Inc.	0.00	0.0%	0.0%	0.00	0.00	0	706	10	0	1,613	173	83	Dec-18	Sep-18	NA	NA	NA	0.0x	0.0x	NA	NA		
Magellan Health, Inc.	79.05	4.4%	1.7%	87.52	30.60	2,024	675	119	2,588	7,120	200	112	Sep-20	Dec-19	4,626	188	79	0.4x	12.9x	0.6x	13.7x		
Universal Health Services, Inc.	130.58	15.9%	(6.4%)	148.27	65.20	11,096	3,941	1,101	14,062	11,368	2,000	1,383	Sep-20	Dec-19	11,893	1,832	1,321	1.2x	7.0x	1.2x	7.7x		
Number of Companies	5	Median:		Total		\$17,375			\$24,586	\$23,460					\$20,075			1.2x	9.1x	1.7x	11.0x		
Market Cap. Weighted Average:		18.6%	3.1%															1.4x	8.6x	1.4x	9.1x		
Surgicenters / Rehabilitation																							
Surgery Centers⁽²⁾:																							
Surgery Partners, Inc.	\$24.43	26.3%	77.3%	\$26.72	\$4.00	\$1,215	\$3,232	\$450	\$5,457	\$1,829	\$380	\$201	Sep-20	Dec-19	\$2,081	\$304	\$299	3.0x	14.4x	2.6x	17.9x		
Number of Companies	1	Median:		Total		\$1,215			\$5,457	\$1,829					\$2,081			3.0x	14.4x	2.6x	17.9x		
Market Cap. Weighted Average:		26.3%	77.3%															3.0x	14.4x	2.6x	17.9x		
Rehabilitation:																							
Encompass Health Corporation	\$80.58	21.8%	14.0%	\$83.30	\$48.01	\$8,012	\$3,852	\$450	\$11,845	\$4,614	\$938	\$621	Sep-20	Dec-19	\$4,947	\$971	\$722	2.6x	12.6x	2.4x	12.2x		
Select Medical Holdings Corporation	24.10	18.3%	9.0%	28.61	10.00	3,248	4,470	640	7,800	5,446	1,016	489	Sep-20	Dec-19	5,783	749	517	1.4x	7.7x	1.3x	10.4x		
U.S. Physical Therapy, Inc.	106.22	16.3%	(9.1%)	134.11	45.13	1,365	112	30	1,588	423	111	53	Sep-20	Dec-19	462	73	NA	3.8x	14.3x	3.4x	21.8x		
Number of Companies	3	Median:		Total		\$12,625			\$21,233	\$10,483					\$11,191			2.6x	12.6x	2.4x	12.2x		
Market Cap. Weighted Average:		20.3%	10.2%															2.4x	11.5x	2.2x	12.8x		

OUR FIRM

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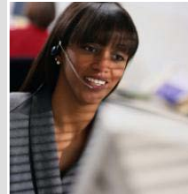
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SOURCES

1. FactSet.
2. S&P.
3. PNC Debt Capital Markets.
4. Company Filings.

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