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Industry Observations – March 31, 2020

Steel Industry

Select Steel Public Company Industry Data As of March 31, 2020

(USD in millions, except per share data)

Company Name	Ticker	Market Data					LTM Operating Data			Forward Estimates	
		Price at 03/31/20	% of 52 Week High	Equity Value	Enterprise Value	Debt / Total Capital	Total Assets	LTM Revenue	LTM EBITDA	CY 2020 Revenue Estimate	CY 2020 EBITDA Estimate
Steel Industry											
Haynes International, Inc.	HAYN	\$ 20.61	52.8%	\$ 257.1	\$ 233.9	3.3%	\$ 607.0	\$ 491.6	\$ 39.7	\$410.57	\$36.77
Allegheny Technologies Incorporated	ATI	\$ 8.50	30.9%	\$ 1,076.3	\$ 2,166.7	40.3%	\$ 5,634.6	\$ 4,122.5	\$ 433.6	\$3,689.86	\$372.94
Worthington Industries, Inc.	WOR	\$ 26.25	58.7%	\$ 1,433.2	\$ 2,217.9	43.2%	\$ 2,429.1	\$ 3,386.3	\$ 224.8	\$2,938.52	\$221.07
Carpenter Technology Corporation	CRS	\$ 19.50	34.6%	\$ 932.1	\$ 1,632.9	31.3%	\$ 3,403.6	\$ 2,409.7	\$ 372.9	\$2,337.33	\$352.20
Universal Stainless & Alloy Products, Inc.	USAP	\$ 7.71	42.2%	\$ 67.9	\$ 132.7	21.1%	\$ 368.4	\$ 243.0	\$ 23.9	\$0.00	\$28.00
Reliance Steel & Aluminum Co.	RS	\$ 87.59	71.7%	\$ 5,856.3	\$ 7,480.0	25.6%	\$ 8,131.1	\$ 10,973.8	\$ 1,231.7	\$9,256.14	\$813.77
Olympic Steel, Inc.	ZEUS	\$ 10.35	56.2%	\$ 113.8	\$ 330.5	41.9%	\$ 649.6	\$ 1,579.0	\$ 29.8	\$0.00	\$24.00
TimkenSteel Corporation	TMST	\$ 3.23	27.0%	\$ 145.1	\$ 301.1	24.5%	\$ 1,085.2	\$ 1,208.8	\$ (22.1)	\$1,024.04	\$27.75
Nucor Corporation	NUE	\$ 36.02	58.9%	\$ 10,846.8	\$ 14,037.4	29.9%	\$ 18,344.7	\$ 22,588.9	\$ 2,702.5	\$19,965.07	\$1,785.56
Sims Limited	SGM	\$ 3.75	47.1%	\$ 754.4	\$ 863.9	16.4%	\$ 2,348.0	\$ 4,234.0	\$ 85.9	\$4,702.74	\$225.16
SunCoke Energy, Inc.	SXC	\$ 3.85	42.0%	\$ 322.4	\$ 1,046.7	60.5%	\$ 1,753.8	\$ 1,600.3	\$ 247.6	\$1,344.20	\$234.00
Steel Dynamics, Inc.	STLD	\$ 22.54	62.4%	\$ 4,793.8	\$ 5,948.94	40.9%	\$ 8,275.8	\$ 10,465.0	\$ 1,308.0	\$9,112.56	\$969.29
Commercial Metals Company	CMC	\$ 15.79	65.7%	\$ 1,880.0	\$ 2,942.2	42.4%	\$ 3,907.9	\$ 5,874.5	\$ 647.5	\$5,358.76	\$529.69
Ryerson Holding Corporation	RYI	\$ 5.32	42.4%	\$ 199.3	\$ 1,341.1	86.5%	\$ 2,021.5	\$ 4,501.6	\$ 249.5	\$3,800.44	\$178.97
Cleveland-Cliffs Inc.	CLF	\$ 3.95	34.0%	\$ 1,574.5	\$ 3,394.5	85.9%	\$ 3,503.8	\$ 1,989.9	\$ 520.3	\$5,044.52	\$383.89
Schnitzer Steel Industries, Inc.	SCHN	\$ 13.04	47.5%	\$ 353.9	\$ 603.4	28.0%	\$ 1,197.2	\$ 1,940.3	\$ 105.2	\$1,570.46	\$72.85
United States Steel Corporation	X	\$ 6.31	30.7%	\$ 1,074.3	\$ 4,204.3	48.7%	\$ 11,608.0	\$ 12,937.0	\$ 440.0	\$10,243.33	\$24.97

Notes: LTM (latest twelve months); Enterprise Value (market capitalization less total cash and short-term investments plus short-term borrowings and total long-term debt); EBITDA (earnings before interest, taxes, depreciation and amortization)

Source: Capital IQ

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Select Steel Public Company Valuation Metrics As of March 31, 2020

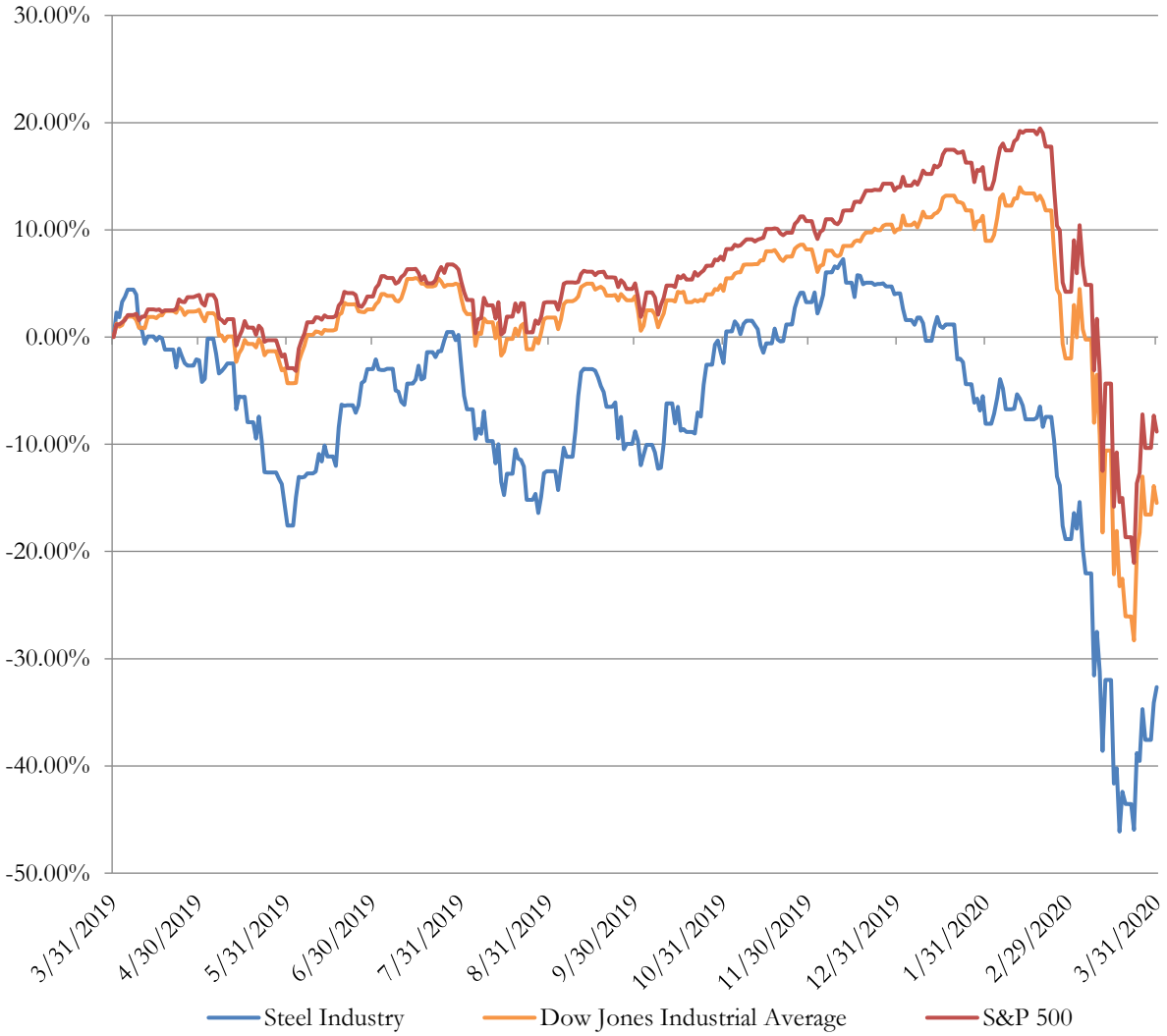
(USD in millions, except per share data)

Company Name	Ticker	LTM Operating Statistics						Trading Multiples			
		Return On Assets	Return On Equity	Return On Capital	Revenue Growth	EBITDA Growth	EBITDA Margin	TEV/ LTM Revenue	TEV/ CY 2020 Revenue	TEV/ LTM EBITDA	TEV/ CY 2020 EBITDA
Steel Industry											
Haynes International, Inc.	HAYN	2.1%	4.6%	3.9%	8.6%	60.8%	8.1%	0.5x	0.6x	5.9x	6.4x
Allegheny Technologies Incorporated	ATI	3.3%	12.9%	5.2%	1.9%	-7.8%	10.5%	0.5x	0.6x	5.0x	5.8x
Worthington Industries, Inc.	WOR	3.3%	11.5%	4.8%	-11.8%	-13.2%	6.6%	0.7x	0.8x	9.9x	10.0x
Carpenter Technology Corporation	CRS	4.9%	11.6%	7.1%	3.9%	16.6%	15.5%	0.7x	0.7x	4.4x	4.6x
Universal Stainless & Alloy Products, Inc.	USAP	1.3%	1.8%	1.5%	-5.0%	-26.3%	9.8%	0.5x	N/A	5.6x	4.7x
Reliance Steel & Aluminum Co.	RS	7.8%	14.3%	9.1%	-4.9%	3.5%	11.2%	0.7x	0.8x	6.1x	9.2x
Olympic Steel, Inc.	ZEUS	1.5%	1.3%	1.8%	-7.9%	-60.1%	1.9%	0.2x	N/A	11.1x	13.8x
TimkenSteel Corporation	TMST	-4.9%	-18.7%	-7.5%	-24.9%	NM	-1.8%	0.2x	0.3x	-13.6x	10.8x
Nucor Corporation	NUE	6.7%	13.1%	8.1%	-9.9%	-34.6%	12.0%	0.6x	0.7x	5.2x	7.9x
Sims Limited	SGM	-0.3%	-0.7%	-0.3%	-11.6%	-57.7%	2.0%	0.2x	0.2x	10.1x	3.8x
SunCoke Energy, Inc.	SXC	3.4%	-24.7%	4.6%	10.3%	-6.0%	15.5%	0.7x	0.8x	4.2x	4.5x
Steel Dynamics, Inc.	STLD	7.7%	17.0%	9.4%	-11.5%	-35.9%	12.5%	0.6x	0.7x	4.5x	6.1x
Commercial Metals Company	CMC	8.8%	19.1%	11.3%	13.1%	88.9%	11.0%	0.5x	0.5x	4.5x	5.6x
Ryerson Holding Corporation	RYI	5.8%	65.0%	9.2%	2.1%	21.8%	5.5%	0.3x	0.4x	5.4x	7.5x
Cleveland-Cliffs Inc.	CLF	7.7%	75.3%	10.8%	-14.7%	-33.0%	26.1%	1.7x	0.7x	6.5x	8.8x
Schnitzer Steel Industries, Inc.	SCHN	2.7%	3.9%	3.5%	-17.8%	-41.3%	5.4%	0.3x	0.4x	5.7x	8.3x
United States Steel Corporation	X	-0.7%	-15.2%	-1.1%	-8.8%	-70.1%	3.4%	0.3x	0.4x	9.6x	168.4x
		3.6%	11.3%	4.8%	-5.2%	-12.1%	9.1%	0.5x	0.6x	5.3x	16.8x
		3.3%	11.5%	4.8%	-7.9%	-19.7%	9.8%	0.5x	0.6x	5.6x	7.5x

Notes: LTM (latest twelve months); NTM (next twelve months); EBITDA (earnings before interest, taxes, depreciation and amortization); TEV (total enterprise value)

Source: Capital IQ

Steel Industry Public Company LTM Equity Performance
As of March 31, 2020



Note: The indices are derived from the equity performance of the previously listed companies. Source: Capital IQ

Recent M&A Activity in the Steel Industry YTD as of March 31, 2020

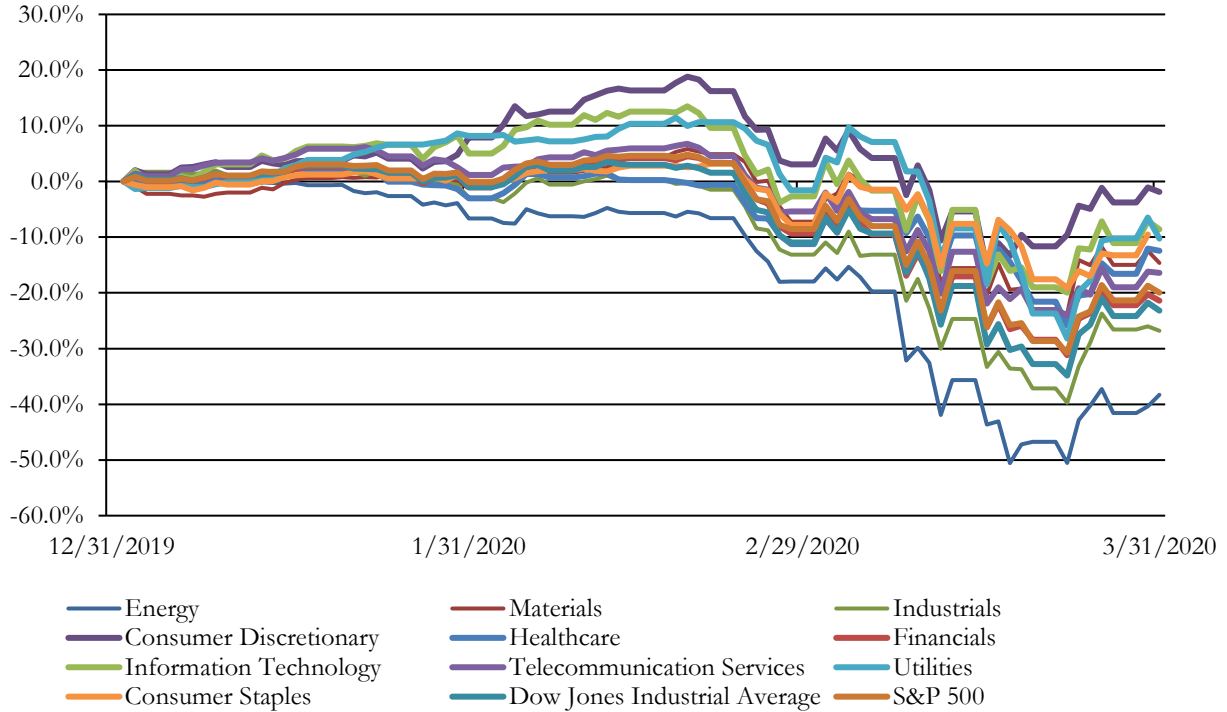
(USD in millions)

Close Date	Target	Acquirer	Target Company	Implied
			Primary Industry	Enterprise Value
3/13/2020	AK Steel Holding Corporation	Cleveland-Cliffs Inc.	Steel	\$3,604.00
3/16/2020	Substantially All Assets of Strand-Tech Manufacturing, Inc.	Insteel Wire Products Company	Steel	\$22.50
3/2/2020	Damascus Steel Casting Company	Temperform, LLC	Steel	NA
3/1/2020	USS-POSCO Industries	United States Steel Corporation	Steel	NA
1/31/2020	Stainless Hose Fittings, Ltd.	Harbour Group Industries, Inc.	Steel	NA
1/31/2020	Harsco Industrial Ikg De Mexico, S.A. De C.V. and Harsco	Sidero Inc.	Steel	NA
1/14/2020	Stainless Adapters Inc.	Midland Metal Mfg. Company	Steel	NA
1/7/2020	Assets of Sorini Ring Manufacturing Inc.	Self Industries, Inc.	Steel	NA
12/24/2019	Steel Processing Plant in Pioneer	Toledo Tool And Die Company, Inc.	Steel	NA
12/16/2019	U.S. Iron Casting Operations of American Axle &	Gamut Capital Management, L.P.	Steel	NA
12/13/2019	Business and Assets of FerraTex Services, Inc.	Applied Felts, Inc.	Steel	NA
12/10/2019	Ford Steel Company, Inc.	North Shore Supply Company, Inc.	Steel	NA
10/31/2019	DB&S Steel Corporation	Precision Marshall Steel Company	Steel	NA
10/18/2019	Assets of Western Metal Decorating	Vorteq Coil Finishers, LLC	Steel	NA
10/17/2019	Reynolds, Ind. Pellet Plant of ERP Iron Ore, LLC	Altos Homos de México, S.A.B. de C.V.	Steel	NA
10/7/2019	Pickling and Slitting Facility in Cleveland of Heidtman Steel	Worthington Industries, Inc.	Steel	NA
9/30/2019	Cast Roll Manufacturing Facility of Ampco-Pittsburgh	WHEMCO, Inc.	Steel	NA
9/30/2019	Narstco, Inc.	RailWorks Corporation	Steel	NA
9/24/2019	Versabar Corporation	ZSi-Foster, L.L.C.	Steel	NA
8/15/2019	Federal Steel Supply, Inc.	Vergani & Associates, LLC	Steel	NA
7/26/2019	Kirk-Habicht Company	Lee Spring Company LLC	Steel	NA
6/24/2019	Magic Steel Sales, LLC	SteelSummit Holdings, Inc.	Steel	NA
6/12/2019	All Assets of Hazleton Casting Co.	Speyside Foundry Holdings, LLC	Steel	NA
6/12/2019	All Assets of Weatherly Casting and Machine Co.	Speyside Foundry Holdings, LLC	Steel	NA
6/10/2019	Johnstown Wire Technologies, Inc.	Liberty House Limited	Steel	NA
6/10/2019	All Assets of Blue Steel LLC	Reibus International, Inc.	Steel	NA
6/3/2019	Premier Forge Group	Wynnchurch Capital, L.P.	Steel	NA
4/30/2019	Hosco Fittings LLC/Integrated Dispense Solutions	Carlisle Fluid Technologies, Inc.	Steel	NA
4/12/2019	All Assets of Hulick Metals, Inc.	Hudson Tool Steel Corporation	Steel	NA
4/4/2019	National Metalwares, L.P.	Union Partners I LLC	Steel	NA
3/31/2019	TSK Partners, Inc.	Ellwood Group, Inc.	Steel	NA

Source: Capital IQ

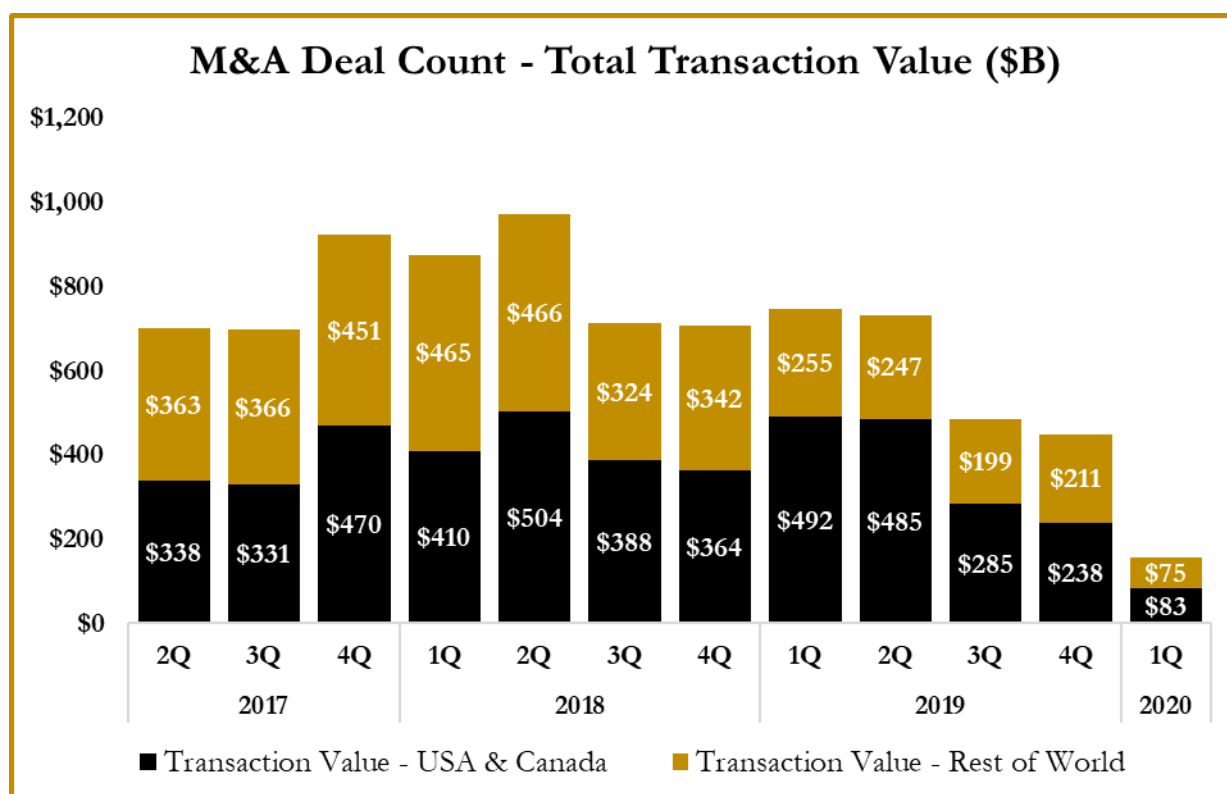
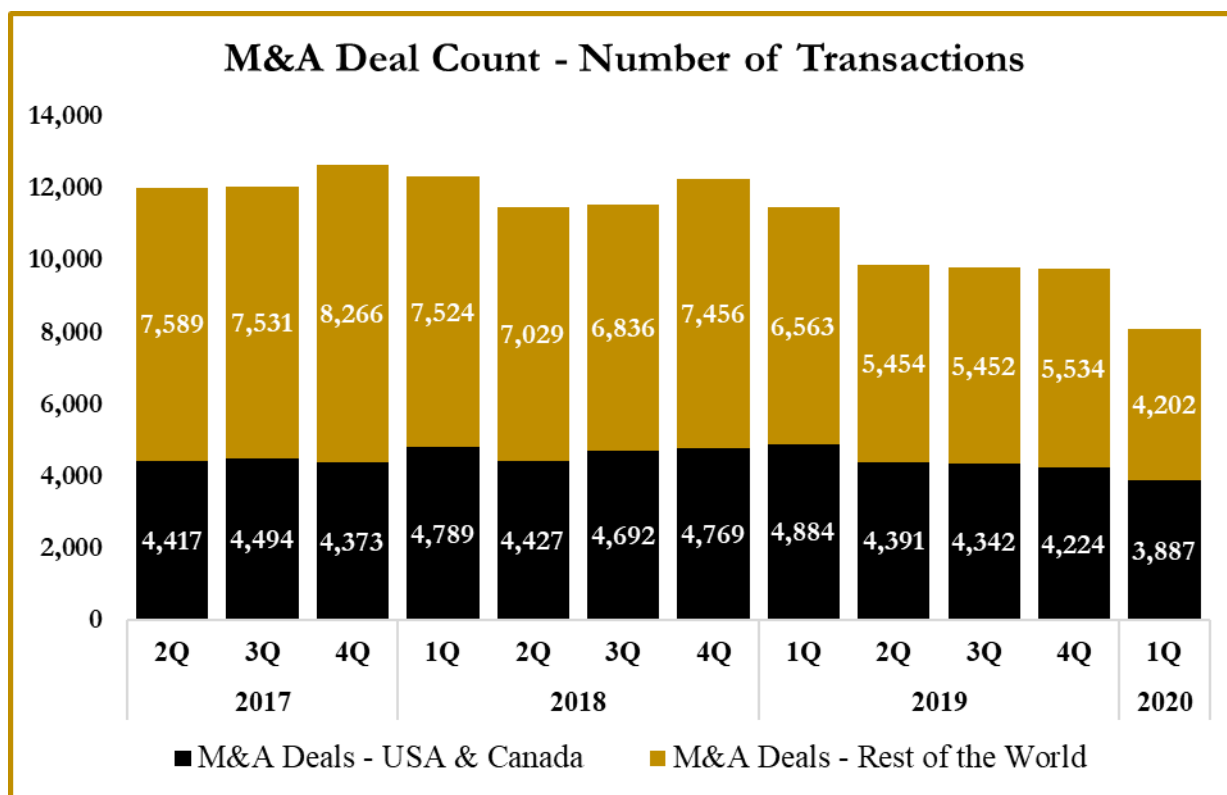
S&P Capital IQ - Sector Last 3 Month Equity Performance
As of March 31, 2020

Change in Market Cap by S&P Capital IQ Sector

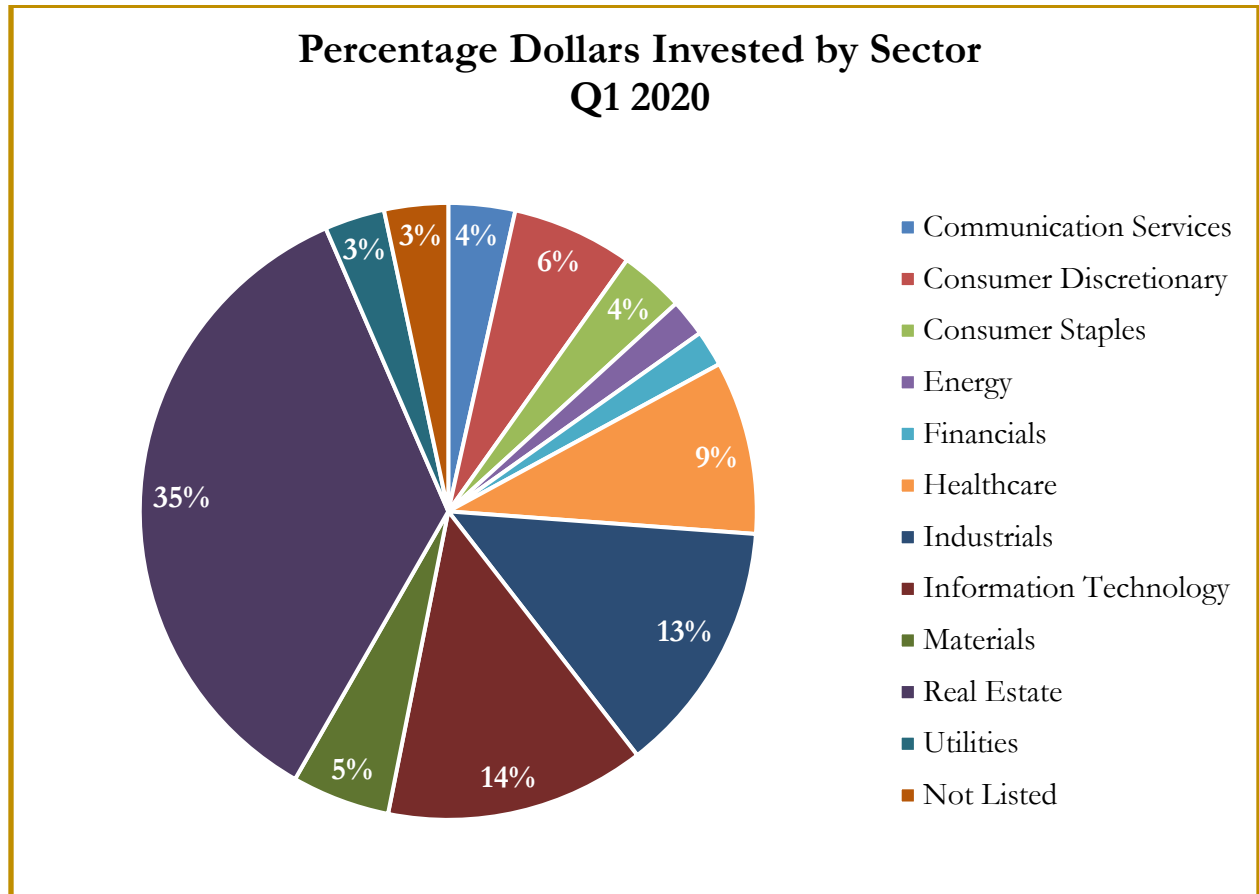


Note: The indices are derived from the equity performance of the S&P Capital IQ Sectors

M&A Deal Flow Statistics by S&P Capital IQ Sector
As of March 31, 2020



M&A Deal Flow Statistics by S&P Capital IQ Sector
As of March 31, 2020





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www.houlihancapital.com

Andrew Smith

asmith@houlihancapital.com
312.450.8610

Paul Clark

pclark@houlihancapital.com
312.450.8656

Michael Norton

mnorton@houlihancapital.com
312.450.8628

Monica Blocker

mblocker@houlihancapital.com
312.450.8699
