

### **Executive Summary**

The **Chicago 30** (CHI30) represents the 30 largest public companies by market capitalization as of December 31, 2020 that are headquartered in the Chicagoland area.

### CHI30 Summary

- The CHI30 price-weighted index **increased 9.9%** in the year-to-date (YTD) period through December 31, 2020, compared to the Dow Jones Industrial Average's (DJIA) **gain** of **7.2%**.
- The CHI30 **declined 40.7%** from February 12 through March 23, 2020 while the DJIA **declined 37.1%**, as the outlook at the onset of the COVID-19 pandemic was bleak for industrials. During the final four months of 2020, the CHI30 **increased 16.1%**, compared to the DJIA **increase** of **6.8%**, due to the recovery of the middle-market, which the CHI30 services.
- The CHI30 is more concentrated in industrials (42.8%) than the DJIA (17.2%), while the DJIA has more exposure to information technology (20.2%) than the CHI30 (16.0%).
- Since the beginning of the year, the DJIA "Leaders" averaged gains of 53.8%, while the CHI30 "Leaders" averaged increases of only 45.6%. Similarly, DJIA "Laggards" averaged a decline of 32.2%, compared to the CHI30 "Laggards", who averaged a decline of 39.2%. However, the average increase in stock price for companies in the CHI30 index was 7.9%, while the average increase in stock price for companies in the DJIA was only 2.7%.
- The CHI30 performed worse on financial metrics in Q2 2020. The CHI30 had average revenue declines of 8.0% compared to Q2 2019 while the DJIA had average declines of 6.9%. The CHI30 had average EBITDA margin declines of 11.1% while the DJIA had average declines of 4.7%.
- The CHI30 had a stronger recovery in Q3 2020 than the DJIA. The CHI30 had average revenue increases of 13.2% compared to Q2 2020 while the DJIA had average increases of 10.0%. The CHI30 had average EBITDA margin increases of 7.9% while the DJIA had average increases of 5.2%.
- Oak Street Health was added to the CHI30 after its IPO in August 2020, posting a 52.9% increase in stock price from IPO to year end.

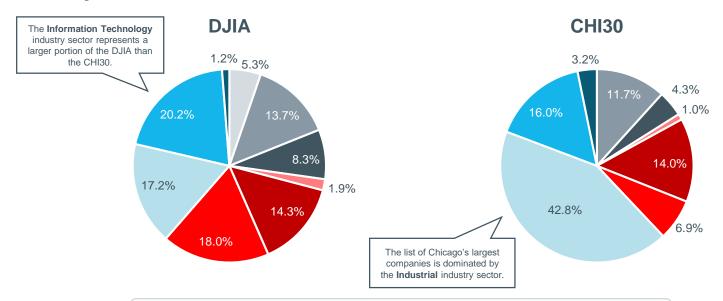
# Executive Summary (Cont'd)

The CHI30 performed worse than the DJIA on most Q2 financial performance metrics, but CHI30 companies performed better than the DJIA in Q3.

	DJIA	CHI30
Stock Price Performance		
YTD index performance	<b>▲</b> 7.2%	<b>▲ 9.9%</b>
Index performance since 3/23	<b>▲</b> 64.6%	<b>▲ 80.5%</b>
Index performance since 9/1	▲ 6.8%	<b>▲ 16.1%</b>
Percentage of constituents with positive YTD stock price performance	50.0%	69.0%
Financial Performance		
Avg. Q3 2020 revenue change (QoQ)	▲ 10.0%	<b>▲ 13.2%</b>
Avg. Q3 2020 EBITDA margin change (QoQ)	▲ 5.2%	<b>▲ 7.9%</b>
Avg. Q3 2020 revenue change (YoY)	▼ 1.9%	▼ 1.4%
Avg. Q3 2020 EBITDA margin change (YoY)	▼ 1.1%	<b>▼</b> 4.1%
Avg. Q2 2020 revenue change (YoY)	▼ 6.9%	▼ 8.0%
Avg. Q2 2020 EBITDA margin change (YoY)	▼ 4.7%	▼ 11.1%
Percentage of constituents that beat consensus Q3 2020 revenue estimates	76.7%	80.0%
Percentage of constituents that beat consensus Q2 2020 revenue estimates	63.3%	65.5%
Percentage of constituents that beat Q3 2020 EPS estimates	50.0%	60.0%
Percentage of constituents that beat Q2 2020 EPS estimates	70.0%	51.7%
Percentage of constituents that saw an increase in net debt/BEV YoY	50.0%	37.9%
Percentage of constituents that increased dividends per share YoY	83.3%	56.7%

# Composition by Industry Sector

The CHI30 is overweight in industrials and underweight in information technology, healthcare and communication services.



Industry Sector	DJIA	CHI30	Variance
Communcation Services	5.3%	0.0%	-5.3%
Consumer Discretionary	13.7%	11.7%	-1.9%
Consumer Staples	8.3%	4.3%	-4.0%
Energy	1.9%	0.0%	-1.9%
Financials	14.3%	14.0%	-0.3%
Healthcare	18.0%	6.9%	-11.1%
Industrials	17.2%	42.8%	25.6%
Information Technology	20.2%	16.0%	-4.1%
Materials	1.2%	3.2%	2.0%
Utilities	0.0%	1.0%	1.0%

### Constituents

The median market cap of the DJIA constituents is \$204 billion, compared to \$28 billion for the CHI30 constituents. Boeing, Caterpillar, McDonald's and Walgreens Boots are included in both indices.

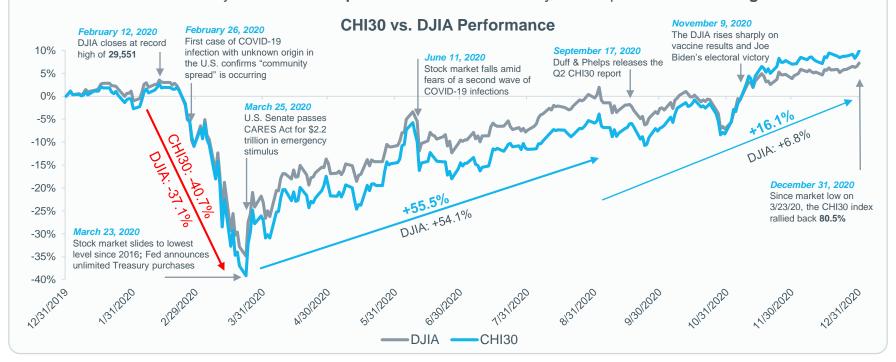
Company	Exchange	Ticker	Industry Sector	Market Cap (in millions)	Company	Exchange	Ticker	Industry Sector	Market Cap (in millions)
3M	NYSE	MMM	Industrials	\$100,823	Abbott Laboratories	NYSE	ABT	Health Care	\$187,600
American Express	NYSE	AXP	Financials	97,357	AbbVie	NYSE	ABBV	Health Care	189,17
Amgen	Nasdaq	AMGN	Health Care	133,852	Allstate	NYSE	ALL	Financials	33,426
Apple	Nasdaq	AAPL	Information Technology	2,255,969	Archer-Daniels-Midland	NYSE	ADM	Consumer Staples	28,048
Boeing*	NYSE	BA	Industrials	120,843	Arther J. Gallagher	NYSE	AJG	Financials	23,79
Caterpillar*	NYSE	CAT	Industrials	98,884	Baxter International	NYSE	BAX	Health Care	40,988
Chevron	NYSE	CVX	Energy	162,594	Boeing*	NYSE	BA	Industrials	120,84
Cisco Systems	Nasdaq	CSCO	Information Technology	189,092	Caterpillar*	NYSE	CAT	Industrials	98,88
Coca-Cola	NYSE	KO	Consumer Staples	235,671	CDW	Nasdaq	CDW	Information Technology	18,84
Dow	NYSE	DOW	Materials	41,167	CME Group	Nasdaq	CME	Financials	65,35
Goldman Sachs Group	NYSE	GS	Financials	94,611	Conagra Brands	NYSE	CAG	Consumer Staples	17,71
Home Depot	NYSE	HD	Consumer Discretionary	285,967	Deere & Company	NYSE	DE	Industrials	84,31
Honeywell	NYSE	HON	Industrials	149,249	Discover	NYSE	DFS	Financials	27,74
IBM	NYSE	IBM	Information Technology	112,166	Dover	NYSE	DOV	Industrials	18,19
Intel	Nasdaq	INTC	Information Technology	204,162	Exelon	Nasdaq	EXC	Utilities	41,18
Johnson & Johnson	NYSE	JNJ	Health Care	414,310	Fortune Brands	NYSE	FBHS	Industrials	11,90
JPMorgan Chase	NYSE	JPM	Financials	387,335	IDEX	NYSE	IEX	Industrials	15,08
McDonald's*	NYSE	MCD	Consumer Discretionary	159,886	Illinois Tool Works	NYSE	ITW	Industrials	64,53
Merck & Co.	NYSE	MRK	Health Care	206,957	McDonald's*	NYSE	MCD	Consumer Discretionary	159,88
Microsoft	Nasdaq	MSFT	Information Technology	1,681,606	Mondelez International	Nasdaq	MDLZ	Consumer Staples	83,62
Nike	NYSE	NKE	Consumer Discretionary	222,083	Motorola	NYSE	MSI	Information Technology	28,82
Procter & Gamble	NYSE	PG	Consumer Staples	345,012	Northern Trust	Nasdaq	NTRS	Financials	19,38
Salesforce	NYSE	CRM	Information Technology	203,714	Oak Street Health	NYSE	OSH	Health Care	14,72
Travelers Companies	NYSE	TRV	Financials	35,557	Packaging Corp. of America	NYSE	PKG	Materials	12,98
UnitedHealth Group	NYSE	UNH	Health Care	332,732	TransUnion	NYSE	TRU	Industrials	18,88
Verizon .	NYSE	VZ	Communication Services	243,113	Ulta Beauty	Nasdag	ULTA	Consumer Discretionary	16,17
Visa	NYSE	V	Information Technology	511,232	United Airlines	Nasdag	UAL	Industrials	12.58
Walgreens Boots*	Nasdag	WBA	Consumer Staples	34,533	W.W. Grainger	NYSE	GWW	Industrials	21,91
Walmart	NYSE	WMT	Consumer Staples	407,842	Walgreens Boots*	Nasdag	WBA	Consumer Staples	34,53
Walt Disney Company	NYSE	DIS	Communication Services	328,024	Zebra Technologies	Nasdaq	ZBRA	Information Technology	20,49
Mean				\$326,545					\$51,05
Median				\$203,938					\$27,89
High				\$2,255,969					\$189,17
Low				\$34,533					\$11,90

# CHI30 Recovery Outpaces DJIA

The CHI30 declined more than the DJIA at the onset of the pandemic, but its recovery has been greater, and it outperformed the DJIA through December 31, 2020.

### CHI30 vs. DJIA Performance Observations

- Historically, the CHI30 has generally tracked the DJIA. However, at the onset of market volatility in late February, the CHI30 had a steeper decline than the DJIA, falling 40.7% from February 12 to March 23.
- Since September 1, the CHI30's increase of 16.1% has outpaced the DJIA, leading the CHI30 to overtake the DJIA for the first time since February. The CHI30 is **up 9.9%** from the start of the year compared to the DJIA's **gain of 7.2%**.



## Year-to-Date Stock Price Performance

While the CHI30 has performed better than the DJIA overall, the DJIA leaders have outperformed the CHI30 leaders, and the CHI30 laggards have performed worse than the DJIA laggards.

### Stock Price Performance Observations

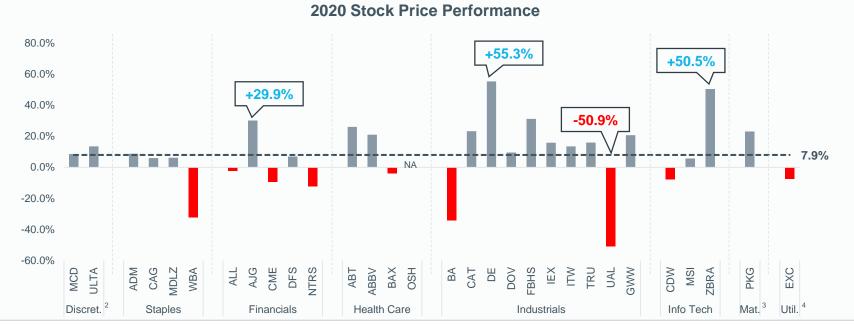
- 20 of the 29 (69%) CHI30 constituents and 17 of the 30 (57%) DJIA constituents experienced an increase in their stock price in the YTD period through December 31, 2020.1
- The CHI30 index was buoyed by strong performances from John Deere, Zebra Technologies and Fortune Brands.
- While Boeing (-34.3%) and Walgreens Boots (-32.4%) weighed on the YTD index performance of both the CHI30 and the DJIA, the DJIA lagged the CHI30 in YTD performance due to the negative stock performance in a greater proportion of companies, despite the strong performance of large tech companies in the DJIA such as Apple (+80.7%) and Microsoft (+41.0%).
- The average **increase** in stock price for companies in the CHI30 index was **7.9%**, while the average **increase** in stock price for companies in the DJIA was only **2.7%**.
- Since the beginning of the year, the DJIA "Leaders" averaged gains of 53.8%, while the CHI30 "Leaders" averaged increases of only 45.6%.

Company	Industry Sector	Stock Price on 12/31/20	% of 52-Week High	YTD Performance	Company	Industry Sector	Stock Price on 12/31/20	% of 52-Week High	YTD Performance
CHI30 Leaders					DJIA Leaders				
Deere & Company	Industrials	\$269.05	98.4%	▲ 55.3%	Apple	Information Technology	\$132.69	95.6%	▲ 80.7%
Zebra Technologies	Information Technology	\$384.33	98.8%	▲ 50.5%	Microsoft	Information Technology	\$222.42	95.5%	<b>▲</b> 41.0%
Fortune Brands	Industrials	\$85.72	92.6%	▲ 31.2%	Nike	Consumer Discretionary	\$141.47	95.6%	▲ 39.6%
CHI30 Laggards					DJIA Laggards				
United Airlines	Industrials	\$43.25	47.8%	▼ 50.9%	Boeing	Industrials	\$214.06	61.2%	▼ 34.3%
Boeing	Industrials	\$214.06	61.2%	▼ 34.3%	Walgreens Boots	Consumer Staples	\$39.88	66.7%	▼ 32.4%
Walgreens Boots	Consumer Staples	\$39.88	66.7%	▼ 32.4%	Chevron	Energy	\$84.45	68.8%	▼ 29.9%

# CHI30 Stock Price Performance

### Stock Price Performance Observations

- 20 of the 29 (69%) CHI30 constituents saw an increase in their stock price in 2020 compared to 17 of the 30 (57%) DJIA constituents over the same period.<sup>1</sup>
- With a strong price recovery since March lows, the CHI30 outperformed the DJIA in the YTD period with strong positive performances from Arthur J. Gallagher, John Deere and Zebra Technologies, offsetting negative performances from Walgreens Boots, Boeing and United Airlines.



Oak Street Health not included in year-long performance metrics due to IPO in August 2020

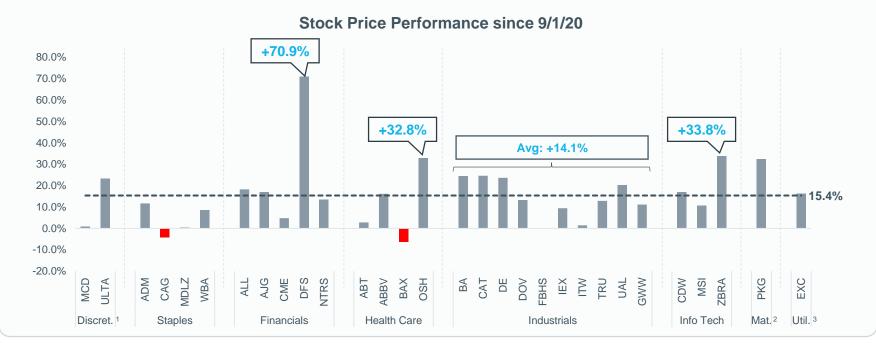
<sup>&</sup>lt;sup>2</sup> Discretionary

# CHI30 Stock Price Performance since September 1, 2020

Nearly all of the CHI30 constituents have seen stock price increases since September 1, 2020, as the middle market recovered in Q3 2020.

### Stock Price Performance Observations

- 27 of the 30 (80%) CHI30 constituents saw an increase in their stock price since September 1, 2020 and December 31, 2020, compared to 21 of the 30 (70%) DJIA constituents over the same period.
- Nearly all CHI30 constituents saw an increase in stock price during this period, with particularly strong performances from Discover, Oak Street Health and Zebra Technologies.



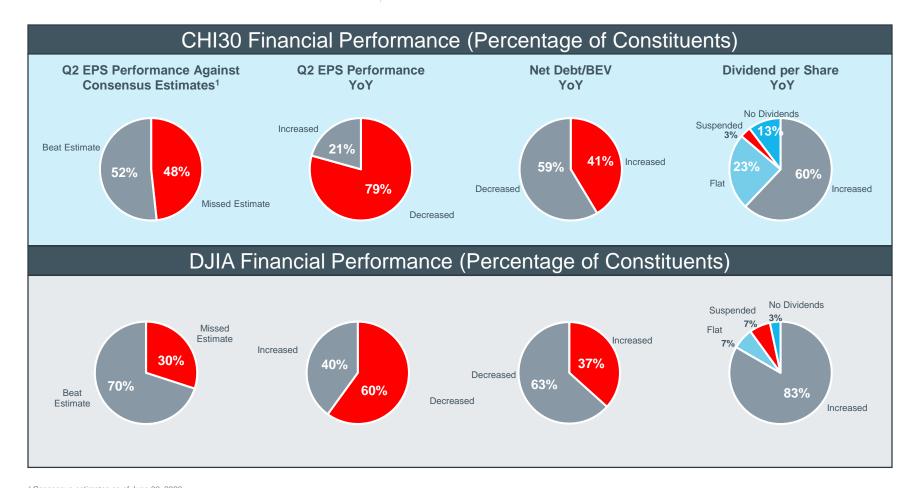
<sup>&</sup>lt;sup>1</sup> Discretionary

<sup>&</sup>lt;sup>2</sup> Materials



# CHI30 vs. DJIA Q2 2020 Performance

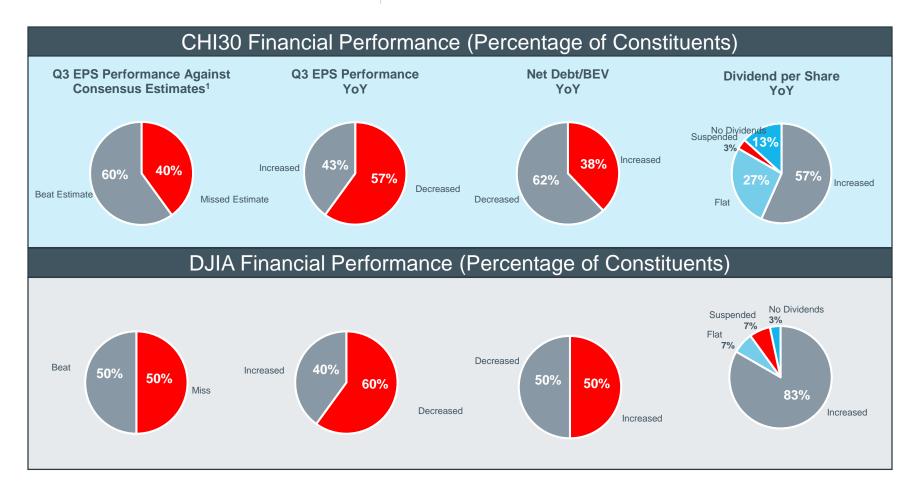
DJIA constituents outperformed CHI30 constituents on earnings and dividend metrics through Q2 2020.



<sup>&</sup>lt;sup>1</sup> Consensus estimates as of June 30, 2020
Note: CHI30 metrics represent 29 companies, excluding OSH metrics
BEV = Business Enterprise Value = Market Cap + Total Debt – Cash and Cash Equivalents
EPS = Earnings per Share (GAAP basis)
Net Debt = Total Debt – Cash and Cash Equivalents
Source: S&P Capital IQ, Thomson and SEC filings

## CHI30 vs. DJIA Q3 2020 Performance

The CHI30 constituents outperformed the DJIA constituents on earnings metrics through Q3 2020, while the DJIA constituents performed better on dividend metrics.

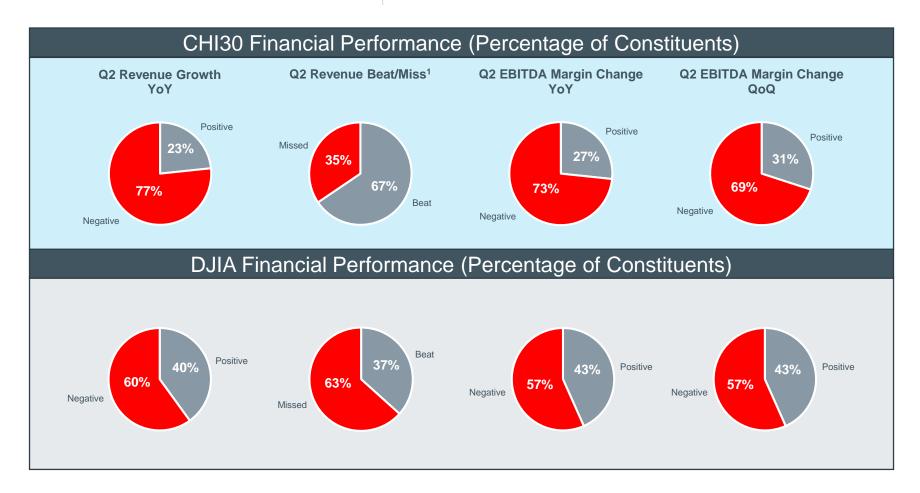


<sup>&</sup>lt;sup>1</sup> Consensus estimates as of September 30, 2020 BEV = Business Enterprise Value = Market Cap + Total Debt - Cash and Cash Equivalents EPS = Earnings per Share (GAAP basis) Net Debt = Total Debt - Cash and Cash Equivalents Source: S&P Capital IQ, Thomson and SEC filings



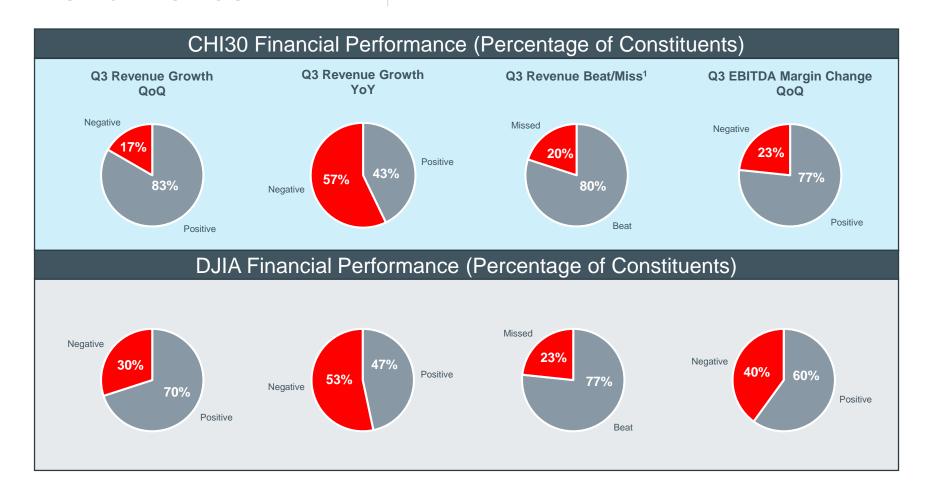
# Q2 2020 Financial Performance

While the DJIA constituents outperformed CHI30 constituents on all revenue and EBITDA metrics through Q2 2020, more CHI30 companies beat revenue estimates.



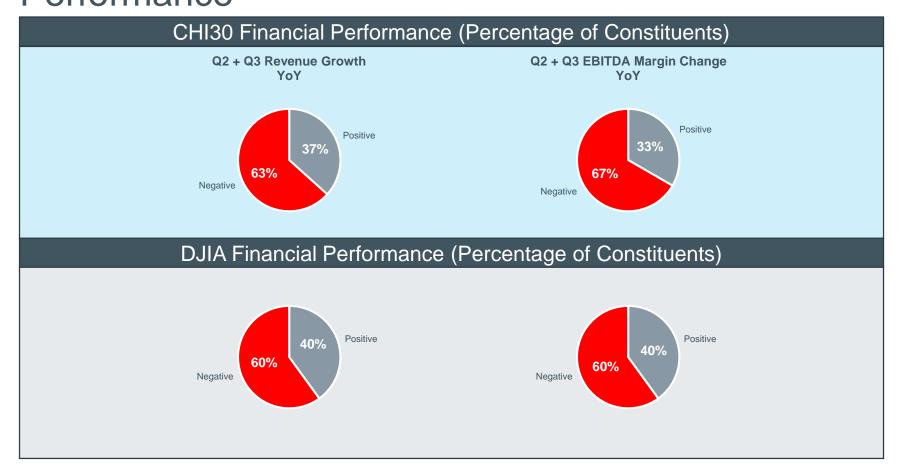
# Q3 2020 Financial Performance

The CHI30 constituents outperformed on QoQ revenue growth, revenue beats and QoQ EBITDA margin change.



# Q2 + Q3 2020**Financial** Performance

The DJIA constituents outperformed the CHI30 constituents on EBITDA and revenue metrics for Q2 + Q3.

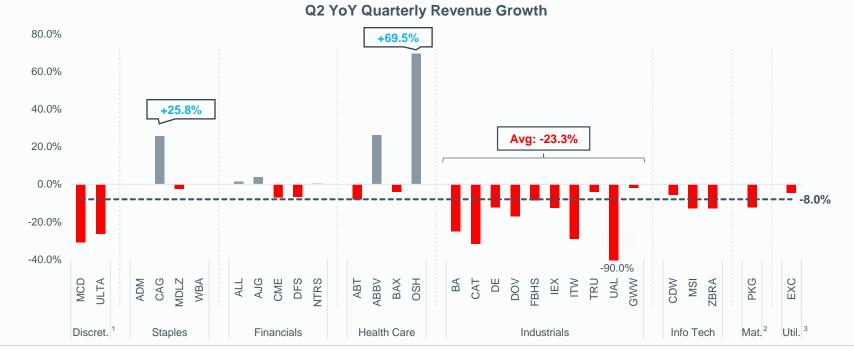


# CHI30 Q2 2020 Revenue Growth

The CHI30 experienced more widespread revenue declines in Q2 2020 compared to the DJIA.

### **Revenue Observations**

- 83% of the CHI30 constituents experienced revenue declines in Q2 2020 compared to Q2 2019, while 60% of the DJIA constituents experienced revenue declines over the same period.
- Due to the CHI30's outsized exposure to Industrial companies, the average Q2 2020 **revenue decline** for the CHI30 was **8.0%**, compared to the DJIA's average **decline** of **6.9%**.



<sup>&</sup>lt;sup>1</sup> Discretionary

<sup>&</sup>lt;sup>2</sup> Materials

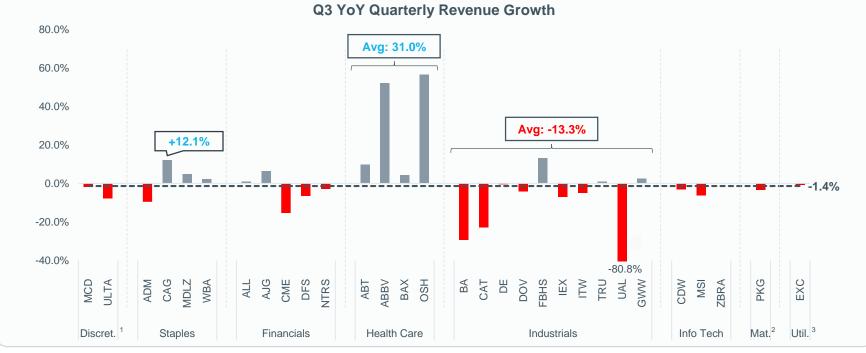
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## CHI30 Q3 2020 Revenue Growth

The CHI30 recovered in Q3 2020 but still preformed worse, on average, than during the same quarter of the prior year.

### **Revenue Observations**

- 57% of the CHI30 constituents experienced revenue declines in Q3 2020 compared to Q3 2019, while 50% of the DJIA constituents experienced revenue declines over the same period.
- Despite a greater number of companies experiencing revenue declines in Q3 2020 than the DJIA, the average Q3 2020 revenue decline for the CHI30 was 1.4%, compared to the DJIA's decline of 1.9%.



<sup>&</sup>lt;sup>1</sup> Discretionary

<sup>&</sup>lt;sup>2</sup> Materials

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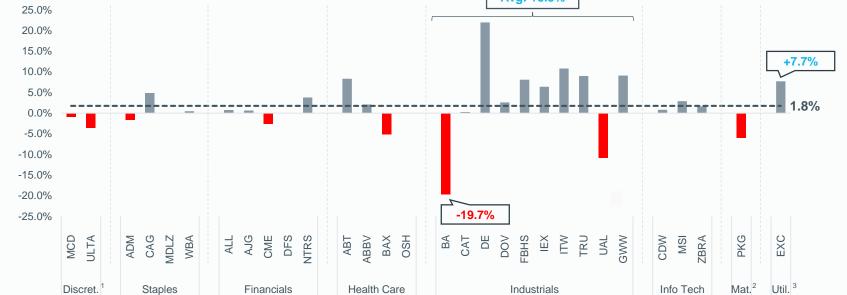
# CHI30 Q2 2020 Revenue Beat/Miss

In Q2 2020, the CHI30 underperformed compared to the DJIA but outperformed consensus estimates.

### **Revenue Observations**

- 22 of the 29 (76%) CHI30 constituents beat consensus revenue estimates in Q3 2020 compared to 19 of the 30 (63%) DJIA constituents.
- Despite a higher percentage of CHI30 constituents experiencing revenue declines, more CHI30 constituents outperformed revenue expectations than the DJIA.





Note: Consensus estimates as of June 30, 2020: No consensus estimates available for Oak Street in Q2 2020

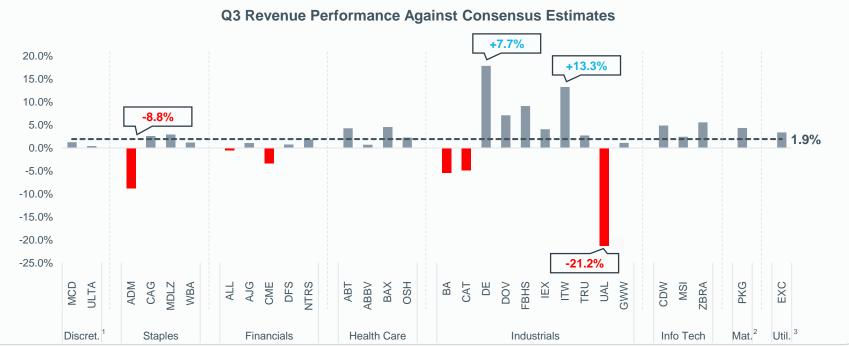
<sup>&</sup>lt;sup>1</sup> Discretionary

# CHI30 Q3 2020 Revenue Beat/Miss

The CHI30 continued to outperform consensus estimates in Q3 2020.

### **Revenue Observations**

- 24 of the 30 (80%) CHI30 constituents beat consensus revenue estimates in Q3 2020 compared to 22 of the 30 (73%) DJIA constituents.
- Many CHI30 industrial companies significantly outperformed consensus estimates in Q3 2020. On average, CHI30 constituents beat consensus revenue estimates by 1.9%, compared to an average of 0.1% in the DJIA.



Note: Consensus estimates as of September 30, 2020

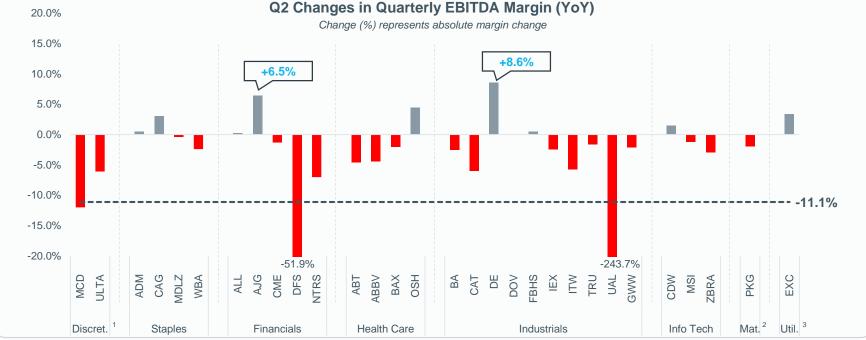
<sup>&</sup>lt;sup>1</sup> Discretionary

# CHI30 Q2 2020 **EBITDA % Margins**

CHI30 constituents experienced greater declines in margin, on average, compared to DJIA constituents.

### **EBITDA Margin Observations**

- 21 of the 30 (70%) CHI30 constituents experienced a decline in EBITDA margins in Q2 2020 compared to Q2 2019, while 18 of the 30 (60%) DJIA constituents experienced a decline over the same period.
- Due to several CHI30 constituents experiencing significant margin declines, the average Q3 2020 EBITDA margin decline for the CHI30 was 11.1%, compared to the DJIA's decline of 4.7%.



Note: Margins calculated from pre-tax earnings for financial companies

<sup>&</sup>lt;sup>1</sup> Discretionary

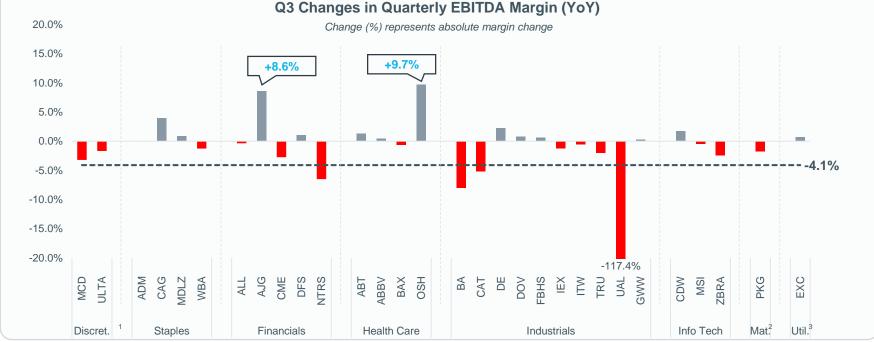
<sup>&</sup>lt;sup>2</sup> Materials

# CHI30 Q3 2020 **EBITDA % Margins**

The CHI30 constituents' financial performance improved in Q3 but several companies still experienced significant margin impacts.

### **EBITDA Margin Observations**

- 17 of the 30 (57%) constituents in each index experienced a decline in EBITDA margins in Q3 2020 compared to Q3 2019.
- Despite the CHI30's outsized exposure to Industrial companies, the average Q3 2020 EBITDA margin decline for the CHI30 was only 4.1%, compared to the DJIA's decline of 1.1%.



Note: Margins calculated from pre-tax earnings for financial companies

Discretionary

<sup>&</sup>lt;sup>2</sup> Materials



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