

## EMS Stock Highlights

- Large Index has decreased 3.4% from last quarter
- Mid Index has decreased 2.7% from last quarter
- Small Index has increased 3.5% from last quarter
- Overall EMS Index has decreased 3.2% from last quarter

# **EMS Stock Index Underperforms S&P**

## **About the EMS Stock Index**

Similar to the S&P 500 Index, the EMS Stock Index is a market cap weighted composite index. The index is prepared by first selecting a base period, in this case, Q1 2003, and totaling the market caps of the companies for each tier in this period. This period and total market cap is set to a base index, in this case, 1,000. Next,

Winner's Circle		Tier		
Jabil	0.9%	I		
Kimball Electronics	6.5%	П		
SigmaTron	25.6%	Ш		
Worst Performers		Tier		
Celestica	(6.6%)	I		
Plexus	(9.0%)	П		
IEC Electronics	(6.2%)	111		

Note: Based on quarter-over-quarter share price performance

for each tier, the current period's total market cap is calculated, divided by the base period's total market cap and then multiplied by the base index (1,000). The result is the index value used for plotting in the graph on the next page.

5.3%
5.8%
2.9%

YOY LTM Revenue Growth	
Large Tier	2.5%
Mid Tier	(1.1%)
Small Tier	(13.3%)

Source: Capital IQ as of 6/30/17

Note: Average for each sector, YOY stands for year-over-year

#### **EMS Size Guide**

(Revenue Dollars)

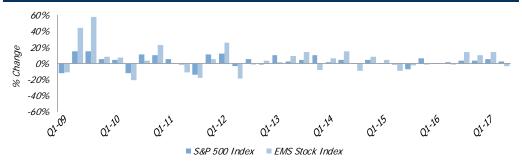
Large (Tier I)
Greater than \$3 billion

Mid (Tier II) \$300 million to \$3 billion Small (Tier III)
Below \$300 million

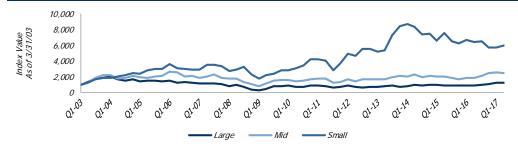
Note: Companies are included in a given tier by falling within the threshold for two consecutive quarters



## S&P Index vs. EMS Stock Index Quarter Change

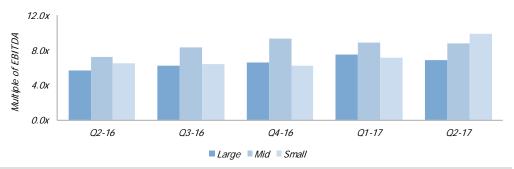


## **EMS Stock Index by Size**



Note: See below for specific company classifications

## Enterprise Value<sup>(1)</sup> / EBITDA



Enterprise Value is calculated as market cap on June 30, 2017 plus debt, preferred equity and minority interest less cash

Note: See below for specific company classifications

## **EMS Stock Index Data**

	Avg. Cash Conversion						Market			
	Stock Price	LTM Sales (\$ in mm)	Diluted EPS	Cycle (days)	Current Ratio	EV/ EBITDA	EV/ Sales	Cap (\$ in mm)	Net Debt (\$ in mm)	
Large										
Celestica	\$13.56	\$6,133	\$0.93	45.5	1.95	6.0x	0.3x	\$1,928	(\$331)	
Flex	16.31	23,863	0.59	24.6	1.29	8.0x	0.4x	8,643	1,121	
Jabil	29.19	18,471	0.65	9.2	0.96	5.3x	0.4x	5,232	1,440	
Sanmina	38.10	6,738	2.66	44.4	1.74	8.2x	0.4x	2,878	(35)	
Mid										
Benchmark	\$32.30	\$2,328	\$1.26	82.7	3.60	8.0x	0.5x	\$1,607	(\$532)	
KeyTronicEMS	7.09	473	0.58	86.6	2.30	6.8x	0.3x	76	44	
Kimball Electronics	18.05	910	1.13	58.3	2.00	7.3x	0.5x	490	(34)	
Plexus	52.57	2,560	2.98	79.3	2.31	8.6x	0.6x	1,772	(246)	
Sparton	21.99	400	(4.33)	88.8	2.22	13.3x	0.8x	216	87	
Small										
IEC Electronics	\$3.60	\$103	\$0.03	87.5	1.88	12.8x	0.5x	\$37	\$20	
Nortech Systems	3.58	116	0.01	80.3	1.94	10.7x	0.2x	10	13	
SigmaTron International	6.43	247	0.04	79.7	2.08	7.9x	0.2x	27	28	
SMTC	1.29	159	(0.10)	57.5	1.58	8.3x	0.2x	22	11	

Source: Capital IQ as of June 30, 2017; stock price adjusted for dividends and splits



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Aerospace & Defense

**Automotive & Truck** 

**Building & Infrastructure** 

**Business Services** 

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Consumer

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**Electronics** 

**Energy & Power** 

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Healthcare

Industrials

**Packaging** 

Technology & Media

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