

### **INDUSTRIAL GROWTH**

Quarterly Update Fourth Quarter 2019





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## Q4 2019 Highlights

#### February 2020

To The Friends and Clients of SOLIC Capital Advisors ("SCA"):

We are pleased to share with you SCA's *SOLIConnect* Industrial Growth report, which contains news, statistics, and key trends for industrial sectors that we actively cover for our corporate clients, institutional capital sources, legal and accounting professionals, and other interested groups. These sectors are: (i) Analytical Instrumentation and Testing Equipment, (ii) Electronics and Components, (iii) Precision Machine Products, Tooling and Stampings, (iv) Metals, (v) Resource Recovery and Waste Management, (vi) Chemicals and (vii) Plastic and Packaging companies.

During Q4 2019, equity capital market returns for SCA's Industrial Sector Growth Index gained 6.6% while lagging both the S&P (+9.9%) and NASDAQ (+13.5%) indices over the same time period. The index experienced healthy results across all seven sectors throughout Q4, with notable performance in the index driven by Precision Machine Products (+15.7%) and Electronics & Components segments (+14.7%).

With respect to the industrial sector, Q4 2019 was a robust quarter, as equity markets experienced record-setting returns and GDP growth held stable at 2.1%. In the M&A market, there were 236 Industrial transactions announced in Q4 2019, a jump of 28% from the previous quarter (184 announced deals). Notable deals for this quarter included Cleveland-Cliffs Inc.'s (NYSE:CLF) acquisition of AK Steel Holding Corporation (NYSE:AKS) for \$3.6B (0.5x Revenue, 61x EBITDA), Iris Parent's \$1.0B acquisition of Innophos Holdings, Inc. (1.3x Revenue, 9.1x EBITDA), Pigments Spain SI's \$592M acquisition of the tile coating business of Ferro Corporation (1.0x Revenue, EBITDA multiple not disclosed), and Bodycote PLC's acquisition of Ellison Surface Technologies, Inc. (4.0x Revenue, EBITDA multiple not disclosed).

As a whole, the U.S. economy thrived in Q4 after a relatively lackluster performance in the previous quarter. Recent phase-one trade-war agreements with China, positive personal consumption expenditures, and increased federal and state government spending in defense equipment and infrastructure, contributed materially to this uptick in industrial demand. However, U.S. corporate debt, housing starts, and global trade remain key concerns amongst most institutional investors and the outlook for 2020. Further, the purchasing managers index continues to be soft having reached 47.2 in December, its lowest point since June 2009. Given that current governmental deficits are increasing and much of this current economic cycle is driven by consumer spending, any leaning towards a downward cycle, which appears more likely than not, will impact costs of capital and strain investor sentiment in the industrials sector for the near term.

We welcome your comments and hope you find our SOLIConnect report informative.

Matt Caine
Managing Director
mcaine@soliccapital.com

Edward R. Casas Chairman & CEO Senior Managing Partner ecasas@soliccapital.com



### Recent Representative Engagements \*

\$690,600,000

Sale of Assets

on behalf of

MedCath

MedCath Corporation

(Nasdaq: MDTH)

Sell Side Advisor

\$4,500,000,000

SENTINEL

Financial Advisor to

Bankruptcy Trustee

Chapter 11 Reorganization

\$87,000,000 Debt Restructuring

for the Illinois Tollway

Oasis Project

WILTON

**PARTNERS** 

Financial Advisor

Alexin, LLC

ement of Series A Senio

has consummated an Institutional Private

Preferred Units \$13,100,000

Capital Restructuring

THE FOUNTAINS

ountains Senior Living

Holdings, LLC

Exclusive Financial Advisor

\$5,000,000,000

Pre-Filing Secured

Indebtedness

TB&W

Financial Advisor and

Chief Restructuring Officer

Senior & Mezzanine

Debt Restructuring

related to 19 Master

Planned Communities

DE Shaw & Co

Financial Advisor

PTC

has merged with

HMT, Inc.

a company sponsored by

Berkshire Partners LLC Financial Advisor to

asadena Tank Corporation

\$156,000,000

SUMNER

Financial Advisor.

Chief Executive Officer, Chief Restructuring Officer

\$750,000,000

Assets under

Management

SageCrest II, LLC

Fiduciary Oversight

\$212,320,000

Debt Restructuring

5

SunCal Companies

The Westland Project

buquerque, New Mexico

Financial Advisor

\$240,600,000

Restructured Debt



**REAL ESTATE** 

AND

**NFRASTRUCTURE** 

**ENERGY** 

**INDUSTRIAL** 

**OUTSOURCING** 

**SERVICES** 





Pre Restructuring Invested Capital of Over \$800,000,000

> BOSQUE POWER COMPANY Financial and Restructuring

Chapter 11 Bankruptcy

has made a

strategic investment in

Project | Time&Cost

Project Time & Cost Inc.

Financial Advisor to

VAREL Tensar. **Tensar Corporation** has completed a

capital restructuring of \$280,000,000 of senior debt \$100,000,000 of subordinated debt Financial Advisor

with Term Loan and evolving Credit Facilities \$30,000,000 Operational Restructuring

Restructuring Advisor and isive Sell Side Financial Advis

\$289,800,000 Capital Restructuring onnection with a consensu Plan of Reorganization **J**iffy lube Financial Advisor to

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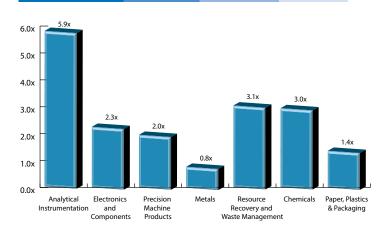
<sup>\*</sup> Includes transactions led by the team of SOLIC professionals at predecessor firms



# Market Overview

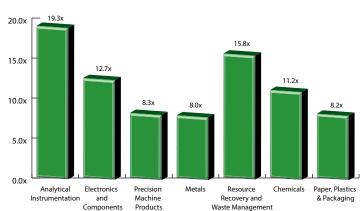
## IIII IVIGITACE OVCIVIC

### Enterprise Value To Revenue



Revenue and EBITDA
valuation multiples
maintained heightened
levels in Q4, while
reported deal volume
rebounded from Q3
2019

### Enterprise Value To EBITDA



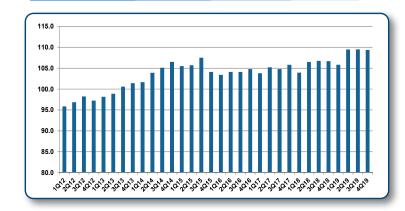
### 2.8x 2.6x 2.4x



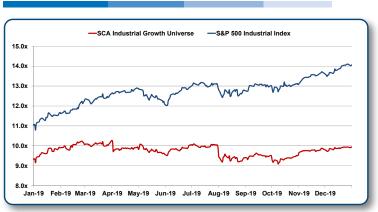
SCA Industrial Growth Universe vs. S&P 500

Total Enterprise Value / Revenue

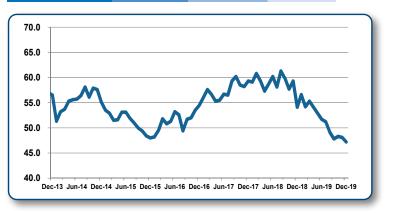
### Federal Reserve Industrial Production



### SCA Industrial Growth Universe vs. S&P 500 Total Enterprise Value / EBITDA



Institute for Supply Management Purchasing Managers' Index



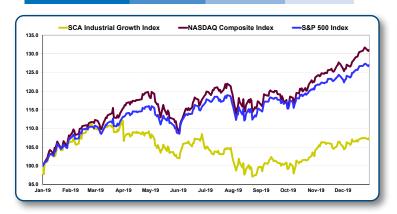
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<sup>\*</sup> Please see pages 16-21 for SCA Industrial Growth Universe and additional information in the "Notes" section at the end of this report.

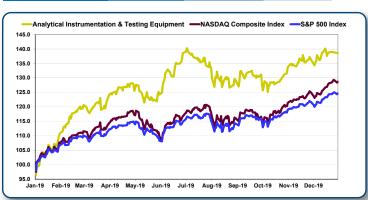


## Sector Stock Performance (one year)

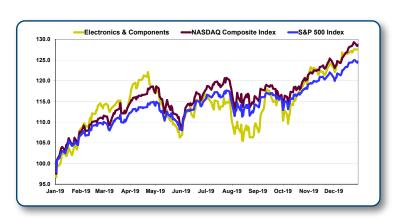
### SCA Industrial Growth Index



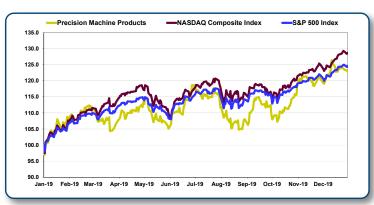
SCA Analytical Instrumentation & Testing Equipment Sector



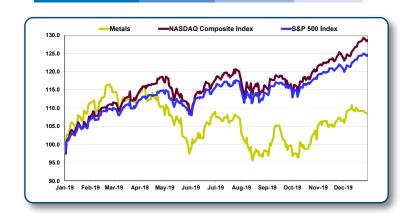
SCA Electronics and Components Sector SCA



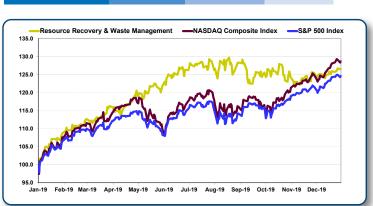
SCA Precision Machine Products Sector



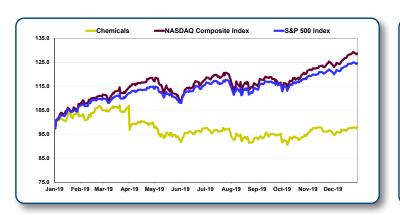
SCA Metals Sector



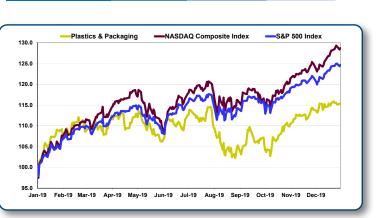
SCA Resource Recovery & Waste Management Sector



### SCA Chemicals Sector



SCA Plastics & Packaging Sector



<sup>\*</sup> Please see pages 16-21 for SCA Industrial Growth Universe and additional information in the "Notes" section at the end of this report.

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## Motable Industry Developments

#### **Crude Oil Prices Rise as Production Cuts Expected** from OPEC

Brent crude oil prices averaged \$67/b in December 2019, up \$4/b from the average in November and \$10/b higher than in December 2018. Price increases in December partly reflect market expectations that global economic conditions in 2020 will be better than previously anticipated, and the announced phase-one trade deal with China will be signed in Q1-2020. According to the U.S. Energy Information Administration ("EIA"), upward price pressure will continue to build due to the expected implementation of OPEC oil production cuts and improved economic conditions.

#### U.S. Steel Momentum Increases as Capacity Climbs Above 80%

U.S. raw steel production recorded an uptick in December 2019 as American steel producers climbed above 80% of their capacity, per the American Iron and Steel Institute. Domestic raw steel production checked in at 96.3 million tons through December 2019, up 1.9% from the same period a year ago. President Trump's imposition of 25% tariffs on steel imports have helped expand U.S. steel industry capacity levels above the 80% threshold.

By region, output from Great Lakes ticked up 5.9% on a weekly basis to 733,000 net tons in the reported week. Mills in the North East produced 213,000 net tons of raw steel, up 6.0% from the previous reported week. The Midwest region produced 207,000 net tons of raw steel, up 15.6% from the previous reported week. Output rose 9.9% in the Western region to 78,000 net tons.



### **Economic Activity in the Manufacturing Sector Contracted in**

The U.S. manufacturing outlook continues to expand, but at slower rates, as the Institute for Supply Management released a 47.2% PMI score for December 2019, a decrease of 190 bps from November. A PMI score above 42.9%, over a period of time, represents expansion of the overall economy. The U.S. economy has now experienced growth for the 128th consecutive month and marks the fifth month of contraction in the manufacturing sector following 35 straight months of growth. The only manufacturing industries to report growth in December were Food, Beverage & Tobacco Products, Miscellaneous Manufacturing and Computer & Electronic Products. New Order Exports stand at 46.8% as compared with 47.2% in November and is expected to decline further into Q1 2020.



#### U.S. Chemical Production Increased in Q4

Data collected and tabulated by the American Chemistry Council (ACC) shows that U.S. Chemical Production Regional Index (US CPRI) increased in North America by 0.3% in December bouncing back from declines of 0.2% in November.

Chemical production was mixed over the three-month period. There were gains in the production three-month moving average (3MMA) output trend in inorganic chemicals, bulk petrochemicals and organics, plastic resins, coatings, and other specialties. These gains were offset by declines in the output of agricultural chemicals, consumer products, synthetic rubber and manufactured rubbers.

#### Q4 GDP Growth Remains Stable at 2.1%

The Bureau of Labor Statistics reported an estimated Q4 GDP growth of +2.1%, in line with +2.1% in the third quarter. Consumer and government spending fueled the growth in GDP, but a dip in private investment and nonresidential fixed investments prevented further acceleration.

Current-dollar personal income increased by \$148.7B in Q4 2019, compared with an increase of \$162.6B for Q3 2019. Disposable income increased by 3.1% this quarter compared to the previous quarter of 4.5%. Real disposable personal income increased 1.5% compared with an increase of 2.1% for the same periods, respectively.

Upcoming Industr	y Conferences
Analytical Instrumentation	and Testing Equipment
SPIE Medical Imaging Conference February 15-20, 2020 Houston, TX	Pittcon Conference March 1-5, 2020 Chicago, IL
Electronics and Componer	ts
EDS Summit May 11-15, 2020 Las Vegas, NV	70th ECTC May 26-29, 2020 Lake Buena Vista, FL
Precision Machine Produc	ts, Toolings, and Stampings
Precision Machined Products Association Update Conference March 5, 2020 Atlanta, GA	Rapid + TCT April 20-23, 2020 Anaheim, CA
Metals	
Global Metals and Mining Conference February 23, 2020 Hollywood, FL	Steel Success Strategies 2020 June 8-10, 2020 New York, NY
Resource Recovery and W	aste Management
Recycled Packaging for Food Contact Conference April 23, 2020 Glendale, CA	850th ICESD 2020 June 22-23, 2020 Chicago, IL
Chemicals	
4th International Conference Catalysis & Chemical Engineering February 24, 2020 Los Angeles, CA	ACS National Meeting & Expo March 22-26, 2020 Philadelphia, PA

### Plastics and Packaging

American Packaging Conference April 15-16, 2020 Lombard, IL

Thin Wall Packaging USA June 23-25, 2020 Wheeling, IL

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# Selected M&A Transactions

Date	Target	Buyer	Enterprise Value (\$ mm)	Enterprise Value / Revenue	Enterprise Value / EBITDA
12/30/2019	CIRCOR International, Inc Non-Core Instrumentation and Sampling Business	Crane Co. (NYSE:CR)	\$172.0	2.1x	n/a
Description:	CIRCOR International, Inc., an ins	d to acquire the Non-Core Instrume strumentation and sampling engine 1999 and is based in Burlington, N	ered products		
12/24/2019	Ellison Surface Technologies, Inc.	Bodycote plc (LSE:BOY)	\$200.0	4.0x	n/a
Description:		eed to acquire Ellison Surface Tech solutions. Ellison Surface Technolo	•	•	
12/16/2019	Ferro Corporation - Tile Coatings Business	Pigments Spain SI	\$492.0	1.0x	n/a
Description:	Pigments Spain SI has agreed to	acquire Tile Coatings Business of Corporation was founded in 1919 a	•		•
12/3/2019	AK Steel Holding Corporation (NYSE:AKS)	Cleveland-Cliffs Inc. (NYSE:CLF)	\$3,604.0	0.5x	6.1x
Description:	` '	has agreed to acquire AK Steel Hod stainless and electrical steel prod West Chester, OH.	•	<b>Y</b>	, .
12/3/2019	Clyde Industries	Wynnchurch Capital, LLC	\$96.0	n/a	n/a
Description:		reed to acquire Clyde Industries, a ther industrial markets. Clyde Indus	•	•	
12/2/2019	Torotel, Inc. (OTCPK:TTLO)	Standex International Corporation (NYSE:SXI)	\$55.8	2.3x	26.8x
Description:	•	n (NYSE:SXI) has agreed to acquir s used in commercial, industrial an		· ,	•



Date	Target	Buyer	Enterprise Value (\$ mm)	Enterprise Value / Revenue	Enterprise Value / EBITDA
11/26/2019	901 D LLC	Curtiss-Wright Corporation (NYSE:CW)	\$132.0	n/a	n/a
Description:	· · · · · · · · · · · · · · · · · · ·	E:CW) has agreed to acquire 901 E LC was founded in 2016 and is bas	•		nd
11/20/2019	Kester Inc.	Alpha Assembly Solutions, Inc.	\$68.0	n/a	n/a
Description:		as agreed to acquire Kester Inc., a , and micro-component assembly n			
11/18/2019	Thermoform Engineered Quality LLC	Sonoco Plastics, Inc.	\$187.0	2.2x	n/a
Description:	thermoformed packaging products	to acquire Thermoform Engineered s serving the healthcare, medical d ded in 1994 and is based in Huntle	levice, and cor		
11/13/2019	Harsco Industrial Patterson- Kelley	The Marley Company, LLC	\$60.0	n/a	n/a
Description:	The Marley Company, LLC has a	greed to acquire Harsco Industrial I ial Patterson-Kelley was founded in		•	
11/5/2019	Bal Seal Engineering, Inc.	Kaman Aerospace Group, Inc.	\$330.0	n/a	12.5x
Description:	•	s agreed to acquire Bal Seal Engin nnecting, conducting, and EMI/RFI ased in Foothill Ranch, CA.	•	•	
11/4/2019	Lamons Gasket Company	First Reserve Corporation	\$135.0	0.7x	n/a
Description:	•	reed to acquire Lamons Gasket Co es, and specialty bolts . Lamons Ga	•		• •

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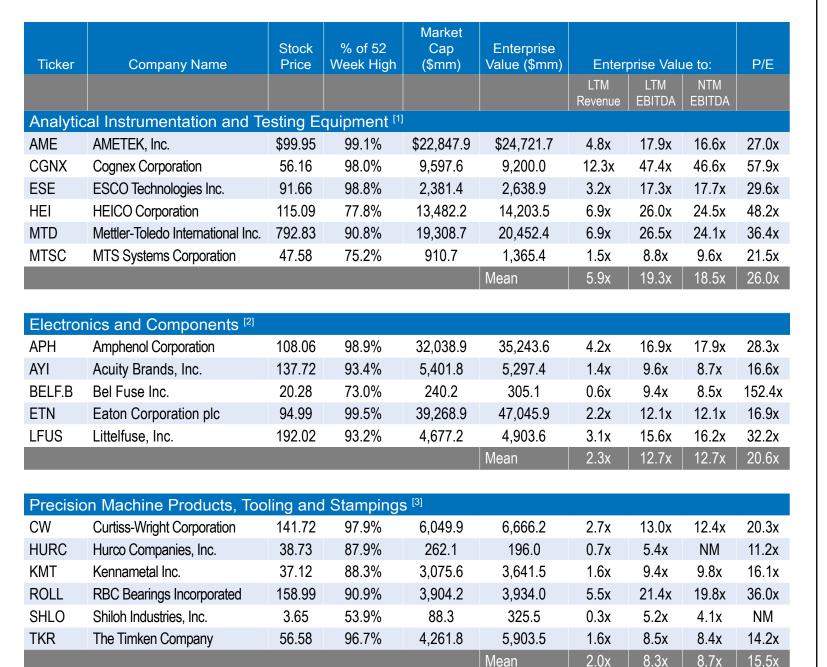
Date	Target	Buyer	Enterprise Value (\$ mm)	Enterprise Value / Revenue	Enterprise Value / EBITDA
11/4/2019	Dynamic Systems Inc.	Vishay Precision Group, Inc. (NYSE:VPG)	\$44.0	n/a	n/a
Description:		SE:VPG) has agreed to acquire Dy mechanical testing equipment and and and is based in Poestenkill, NY.	-	_	
10/30/2019	Kraton Polymers LLC - Cariflex Business Unit	Daelim USA Inc.	\$530.0	n/a	13.6x
Description:	•	equire Cariflex Business Unit of Kra Polymers LLC was founded in 2000	•	•	
10/22/2019	Cleveland Track Material, Inc.	Progress Rail Services Corporation	\$39.0	n/a	n/a
Description:	•	on has agreed to acquire Cleveland ght railroads and transit agencies. I, OH.			
10/21/2019	AutoGuide Mobile Robots	Teradyne, Inc. (NasdaqGS:TER)	\$165.0	41.3x	n/a
Description:		nas agreed to acquire AutoGuide Nobile robots. AutoGuide Mobile Rol			•
10/21/2019	Innophos Holdings, Inc. (NasdaqGS:IPHS)	Iris Parent LLC	\$1,003.6	1.3x	9.1x
Description:	Iris Parent LLC has agreed to acquised in the production of food, be	uire Innophos Holdings, Inc. (Nasoverages, dietary supplements, phaded in 2006 and is based in Cranb	rmaceuticals,		•
10/15/2019	Cooper Lighting, LLC	Signify N.V. (ENXTAM:LIGHT)	\$1,400.0	0.8x	7.5x
Description:		s agreed to acquire Cooper Lightin , LLC was founded in 2012 and is		_	ting and
10/14/2019	Closure Systems International, Inc.	Cerberus Capital Management, L.P.	\$615.0	n/a	n/a
Description:	•	P. has agreed to acquire Closure S Closure Systems International, Inc	•		

Date	Target	Buyer	Enterprise Value (\$ mm)	Enterprise Value / Revenue	Enterprise Value / EBITDA			
10/3/2019	Evoqua Water Technologies Corp. (NYSE:AQUA)	DuPont Safety & Construction, Inc.	\$110.0	n/a	n/a			
Description:	· · · · · · · · · · · · · · · · · · ·	c. has agreed to acquire Evoqua W stems and technologies. Evoqua W PA.		• • •	•			
10/3/2019	Copperweld Bimetallics, LLC	Kinderhook Industries, LLC	\$34.6	0.4x	3.8x			
Description:	•	greed to acquire Copperweld Bime industry. Copperweld Bimetallics,						
10/2/2019	Manufacturing Techniques, Inc.	QinetiQ Group plc (LSE:QQ.)	\$125.0	0.7x	11.0x			
Description:	QinetiQ Group plc (LSE:QQ.) has agreed to acquire Manufacturing Techniques, Inc., a developer of prototype sensors and systems for the Department of Defense (DoD), intelligence, and law enforcement agencies.  Manufacturing Techniques, Inc. was founded in 1992 and is based in Lorton, VA.							

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## Waluation Metrics by Sector





Ticker	Company Name	Stock Price	% of 52 Week High	Market Cap (\$mm)	Enterprise Value (\$mm)	Enterprise Value to:		P/E	
						LTM Revenue	LTM EBITDA	NTM EBITDA	
Metals F	Processors								
ATI	Allegheny Technologies Incorporated	20.99	71.2%	2,646.5	3,869.2	0.9x	9.2x	7.1x	12.0x
CMC	Commercial Metals Company	22.53	98.6%	2,673.2	3,725.6	0.6x	7.7x	6.2x	13.5x
RS	Reliance Steel & Aluminum Co.	120.28	98.5%	8,017.5	9,703.1	0.9x	8.0x	9.2x	13.2x
TSX:RUS	Russel Metals Inc.	22.54	89.4%	1,401.4	1,963.0	0.5x	7.4x	8.0x	10.8x
SCHN	Schnitzer Steel Industries, Inc.	21.99	80.1%	601.3	698.3	0.3x	5.0x	6.6x	10.9x
ASX: SGM	Sims Limited	10.90	84.0%	2,207.4	1,845.8	0.3x	5.5x	11.6x	14.7x
WOR	Worthington Industries, Inc.	42.49	95.1%	2,340.9	3,131.6	0.9x	9.7x	11.3x	21.6x
					Mean	0.6x	7.5x	8.6x	13.8x
Tube an	d Pipe Producers								
AKS	AK Steel Holding Corporation	3.23	90.0%	1,022.1	3,557.8	0.5x	6.0x	10.6x	10.4x
NWPX	Northwest Pipe Company	33.06	95.0%	322.2	319.6	1.2x	9.4x	7.5x	20.1x
STLD	Steel Dynamics, Inc.	34.53	87.8%	7,439.6	8,724.3	0.8x	5.8x	7.6x	9.4x
SYNL	Synalloy Corporation	13.23	67.3%	119.5	237.9	0.8x	16.5x	NM	NM
BIT:TEN	Tenaris S.A.	10.09	74.5%	11,911.6	11,470.3	1.6x	8.0x	8.2x	15.9x
X	United States Steel Corporation	11.14	45.0%	1,894.2	4,231.2	0.3x	4.9x	8.9x	3.1x
					Mean	0.9x	8.4x	8.6x	11.8x

<sup>[1]</sup> CGNX is excluded from the mean EBITDA multiple calculations.

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CGNX, HEI, & MTD are excluded from the mean P/E multiple calculation.

<sup>[2]</sup> BELF.B and LFUS is excluded from the mean P/E multiple calculation.

<sup>[3]</sup> ROLL is excluded from the mean EBITDA and P/E multiple calculations.



Ticker	Company Name	Stock Price	% of 52 Week High	Market Cap (\$mm)	Enterprise Value (\$mm)	Enter LTM Revenue	prise Valu LTM EBITDA	ie to: NTM EBITDA	P/E
Resour	ce Recovery and Waste N	⁄lanager	nent [4]						
CWST	Casella Waste Systems, Inc.	45.84	96.1%	2,190.3	2,800.4	3.9x	21.3x	16.0x	244.2x
CECE	CECO Environmental Corp.	7.62	77.4%	268.6	329.0	1.0x	11.3x	9.1x	27.1x
CLH	Clean Harbors, Inc.	86.21	98.0%	4,811.3	6,241.7	1.8x	12.1x	11.2x	53.9x
HCCI	Heritage-Crystal Clean, Inc	31.56	96.9%	731.8	782.1	1.8x	19.9x	12.3x	56.3x
RSG	Republic Services, Inc.	90.20	99.5%	28,786.9	37,669.4	3.7x	13.6x	12.4x	26.8x
ECOL	US Ecology, Inc.	56.66	84.3%	1,785.5	2,141.8	3.5x	17.2x	9.3x	25.0x
WCN	Waste Connections, Inc.	90.90	92.8%	23,968.2	27,979.1	5.3x	17.1x	15.8x	42.5x
WM	Waste Management, Inc.	113.89	93.5%	48,316.8	59,239.8	3.8x	13.8x	12.6x	27.8x
					Mean	3.1x	15.8x	12.3x	37.1x
Diversif	ied Chemicals [5]								
ASH	Ashland Global Holdings Inc.	76.50	94.2%	4,607.4	6,042.4	2.4x	11.9x	11.1x	197.6x
CBT	Cabot Corporation	46.98	92.9%	2,676.8	3,707.8	1.1x	7.3x	6.9x	17.9x
DD	DuPont de Nemours, Inc.	63.73	35.4%	47,211.6	63,850.6	0.7x	3.7x	10.9x	16.1x
EMN	Eastman Chemical Company	78.34	90.9%	10,652.6	16,928.6	1.8x	8.9x	8.3x	14.2x
FMC	FMC Corporation	101.13	99.2%	13,108.0	16,502.4	3.3x	12.2x	12.8x	17.2x
OLN	Olin Corporation	17.23	63.1%	2,751.1	6,233.2	1.0x	5.7x	7.4x	23.9x
					Mean	1.7x	8.3x	9.6x	17.9x

<sup>[4]</sup> CWST is excluded from mean P/E multiple calculation.[5] ASH is excluded from the mean P/E multiple calculation.

		Stock	% of 52	Market Cap	Enterprise				
Ticker	Company Name	Price	Week High	(\$mm)	Value (\$mm)		prise Valu		P/E
						LTM Revenue	LTM EBITDA	NTM EBITDA	
Special	ty Chemicals								
ALB	Albemarle Corporation	72.01	77.3%	7,635.4	9,552.5	2.7x	8.8x	9.9x	13.4x
ECL	Ecolab Inc.	191.68	91.3%	55,250.7	62,476.1	4.2x	19.1x	18.0x	36.8x
FOE	Ferro Corporation	14.74	69.3%	1,208.2	2,052.4	1.3x	12.1x	8.3x	25.5x
FUL	H.B. Fuller Company	51.83	98.9%	2,642.4	4,645.1	1.6x	11.3x	10.0x	19.3x
IFF	International Flavors & Fragrances Inc.	127.34	83.3%	13,596.9	17,925.4	3.5x	15.7x	15.2x	37.5x
MTX	Minerals Technologies Inc.	57.25	89.8%	1,995.4	2,823.7	1.6x	8.1x	8.2x	13.8x
POL	PolyOne Corporation	36.82	98.6%	2,832.0	4,129.3	1.2x	10.4x	12.5x	20.4x
KWR	Quaker Chemical Corporation	163.73	73.0%	2,903.3	3,672.9	3.9x	26.8x	14.2x	95.7x
SCL	Stepan Company	99.93	98.1%	2,248.9	2,233.6	1.2x	10.3x	9.2x	21.9x
					Mean	2.4x	13.6x	11.7x	31.6x
Industri	al Gases								
APD	Air Products and Chemicals, Inc.	235.49	97.4%	51,922.3	53,145.3	6.0x	15.3x	13.6x	29.7x
PX	Philex Mining Corporation	2.83	63.5%	13,981.3	23,968.4	3.9x	8.1x	0.0x	29.3x
					Mean	4.9x	11.7x	13.6x	29.5x

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Ticker	Company Name	Stock Price	% of 52 Week High	Market Cap (\$mm)	Enterprise Value (\$mm)	Enter	orise Valu	ıe to:	P/E
	osinpan, riamo			(\$)	γοισο (ψιπιι)	LTM Revenue	LTM EBITDA	NTM EBITDA	. , _
Paper a	nd Corrugated Packagino	9							
GPK	Graphic Packaging Holding Company	16.69	98.5%	4,844.2	8,730.2	1.4x	8.4x	8.2x	22.6x
GEF	Greif, Inc.	44.41	88.2%	2,302.3	5,107.9	1.1x	7.7x	7.2x	12.5x
IP	International Paper Company	45.89	95.1%	17,994.2	28,099.2	1.2x	7.2x	8.1x	13.4x
PKG	Packaging Corporation of America	111.77	97.4%	10,499.0	12,502.6	1.8x	8.3x	9.4x	13.9x
SON	Sonoco Products Company	61.33	92.1%	6,139.0	7,896.5	1.5x	10.4x	10.0x	19.2x
WRK	WestRock Company	42.64	98.3%	11,010.9	20,938.9	1.1x	7.0x	6.8x	12.8x
					Mean	1.4x	8.2x	8.3x	15.7x
Plastics	/Films <sup>[6]</sup>								
ATR	AptarGroup, Inc.	115.02	91.1%	7,352.9	8,340.6	2.9x	13.8x	13.7x	32.4x
NYSE: BERY	Berry Global Group, Inc.	47.09	79.6%	6,220.6	16,916.6	1.9x	11.6x	7.9x	15.7x
TSX:ITP	Intertape Polymer Group Inc.	16.66	83.4%	980.9	1,719.4	1.1x	8.1x	7.5x	18.5x
MYE	Myers Industries, Inc.	16.50	84.4%	586.1	595.0	1.1x	10.0x	NM	27.1x
TG	Tredegar Corporation	21.89	93.2%	724.7	776.8	0.8x	8.6x	NM	9.4x
					Mean	1.6x	10.4x	9.7x	17.7x

[6] ATR is excluded from the mean P/E multiple calculation.

Ticker	Company Name	Stock Price	% of 52 Week High	Market Cap (\$mm)	Enterprise Value (\$mm)	Enterprise Value to:			P/E
						LTM Revenue	LTM EBITDA	NTM EBITDA	
Flexible	Packaging								
BMS	Braemar Shipping Services plc	2.11	87.2%	65.3	111.0	0.9x	10.7x	9.4x	NM
CCL.B	CCL Industries Inc.	56.13	82.0%	10,008.1	11,980.3	2.2x	11.7x	10.9x	20.6x
SEE	Sealed Air Corporation	39.93	84.7%	6,169.8	9,965.0	2.1x	11.8x	9.9x	16.9x
WPK	Winpak Ltd.	47.46	96.8%	3,084.9	2,579.8	2.2x	9.8x	9.7x	20.3x
					Mean	1.9x	11.0x	10.0x	19.3x
OVERA	LL INDUSTRIAL GROW	TH SEC	TOR		Mean	2.4x	11.3x	11.0x	21.4x

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#### **Notes**

- Sources: Capital IQ, Bloomberg, Federal Reserve, Institute for Supply Management, company 10-K, 10-Q and 8-K SEC filings, annual reports, press releases, and others as indicated.
- Any public companies chosen for the "SCA Industrial Growth Universe" are companies commonly used for industry information to show performance within a sector. They do not include all public companies that could be categorized within the sector and were not created as benchmarks; they do not imply benchmarking and do not constitute recommendations for a particular security and/or sector. The charts and graphs used in this report have been compiled by SOLIC Capital Advisors solely for purposes of illustration.

For further information regarding our Industrial Growth Services, please contact: Edward R. Casas, Chairman & CEO/Senior Managing Partner, ecasas@soliccapital.com Matt Caine, Managing Director, mcaine@soliccapital.com

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Edward R. Casas Chairman & CEO Senior Managing Partner

**Neil F. Luria**Head of Restructuring
Senior Managing Director

Gregory F. Hagood, CFA
Head of Investment Banking
Senior Managing Director

Robert E. Annas Senior Managing Director

Kim J. Brady Emeritus Senior Advisor

Matthew M. Caine, CFA Managing Director

Brian D. Finkelstein Managing Director

George N. Koutsonicolis
Managing Director

Raoul Nowitz
Managing Director

S. Waite Popejoy Managing Director

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#### **SOLIC Capital Office Locations**

1603 Orrington Avenue Suite 1600 Evanston, Illinois 60201 3284 Northside Parkway, NW Suite 450 Atlanta, Georgia 30327 425 W. New England Avenue Suite 300 Winter Park, Florida 32789