# Oaklins E. CANADA Industry Trading Multiples

CANADA & UNITED STATES Q2 2019

## Oaklins E. Canada Inc.

#### ABOUT US

Based in Montreal, Oaklins E. Canada is the largest independent investment bank in Eastern Canada specializing in mergers & acquisitions and corporate finance in the mid-market. Oaklins E. Canada is the exclusive Canadian member of Oaklins, a global investment bank with 700 professionals in 40 countries that have completed over 1,500 transactions over the past 5 years. Oaklins E. Canada is a Canadian one-stop-shop to help clients achieve their goal to sell, acquire or finance their business in Canada and internationally.

**Experience & Expertise:** Our team consists of highly qualified professionals and a talented back office. Our partners have accumulated extensive transactional experience within different prestigious institutions in various industries. Our team also has strong business relations with industry leaders, governments and investors.

#### OUR SERVICES

- Mergers & Acquisitions
- Management Buy-Outs
- Business Valuations and Strategic Planning
- Financings and Capital Restructurings
- Leveraged Buy-Outs

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### **Trading Multiples** Aerospace & Defense

EV/Revenue					Multiples
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
	Low	0.75x	0.75x	0.75x	0.75x
1.76x	Mean	1.72x	1.65x	1.62x	1.68x
1.70X	Median	1.75x	1.61x	1.59x	1.57x
	High	3.38x	3.38x	3.38x	3.39x
ev/ebitda					Multiples
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
	Low	6.81x	6.23x	6.23x	6.23x
44 77.	Mean	11.58x	11.06x	10.93x	11.40x
<b>11.77</b> x	Median	10.97x	11.01x	10.93x	11.07x
	High	17.76x	17.76x	18.15x	21.56x



Ticker
TSX:CAE
TSX:BBD.B
TSX:MAL
TSX: HRX
TSX:MAXR

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Market Cap (CA\$M)
9,374
5,227
949
697
609

/Revenue					Multiples
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
	Low	1.66x	1.66x	1.66x	1.66x
2 201	Mean	2.18x	2.13x	2.13x	2.16x
<b>2.20</b> x	Median	2.07x	2.02x	2.04x	2.07x
	High	3.27x	3.27x	3.27x	3.27x
/EBITDA					Multiples
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
	Low	11.72x	11.43x	11.43x	11.43x
13.59x	Mean	13.47x	13.27x	13.38x	13.69x
12.29%	Median	13.49x	13.09x	13.12x	13.50x
	High	15.92x	17.14x	17.14x	17.14x

Company Name	Market Cap (US\$M)
The Boeing Company	204,803
Honeywell International Inc.	127,056
United Technologies Corporation	112,350
Lockheed Martin Corporation	102,714
Northrop Grumman Corporation	54,864
General Dynamics Corporation	52,398
Raytheon Company	48.433



\* Index companies based on industry leaders,

Outliers have been excluded from the multiples calculation

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TEV/

Ticker NYSE: BA NYSE: HON NYSE: UTX NYSE: LMT NYSE: NOC NYSE: GD NYSE: RTN

### **Trading Multiples** Automotive

TEV/Revenue					Multiples
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
	Low	0.48x	0.45x	0.42x	0.42x
0.56x	Mean	0.58x	0.58x	0.59x	0.60x
0.50X	Median	0.56x	0.56x	0.56x	0.60x
	High	0.71x	0.72x	0.81x	0.87x
rev/ebitda					Multiples
As of		Last 3	Last 6	Last 9	Last 12
		Months	Months	Months	Last 12 Months
As of	Low	Months 3.92x	Months 3.65x	Months 3.41x	Last 12 Months 3.41x
As of June 30, 2019	Low Mean	Months	Months	Months	Last 12 Months
As of		Months 3.92x	Months 3.65x	Months 3.41x	Last 12 Months 3.41x



Ticker	Company Nam
TSX:MG	Magna Internat
TSX:LNR	Linamar Corpo
TSX:MRE	Martinrea Inter
TSX:XTC	Exco Technolog

Company Name	Market Cap (CA\$M)
Magna International Inc.	20,686
Linamar Corporation	3,193
Martinrea International Inc.	899
Exco Technologies Limited	319

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**TEV/EBITDA** 

As of

June 30, 2019

8.98x

Revenue					Multiple
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
	Low	0.48x	0.46x	0.42x	0.42x
1.08x	Mean	1.08x	1.06x	1.05x	1.07x
1.UOX	Median	0.99x	0.97x	0.96x	0.96x
	High	2.30x	2.30x	2.31x	2.46x

				Multiples
	Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
Low	4.64x	4.35x	3.91x	3.91x
Mean	8.89x	8.50x	8.12x	8.06x
Median	8.18x	6.17x	5.98x	6.09x
High	13.88x	13.88x	13.88x	13.88x

Company Name	Market Cap (US\$M)
General Motors Company	54,651
Ford Motor Company	40,813
BorgWarner Inc.	8,701
Lear Corporation	8,671
Harley-Davidson, Inc.	5,632
The Goodyear Tire & Rubber Company	3,557



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Ticker NYSE:GM NYSE:F NYSE:BWA NYSE:LEA NYSE:HOG

NasdaqGS:GT

\* Index companies based on industry leaders,

Outliers have been excluded from the multiples calculation

### **Trading Multiples** Construction & Engineering

EV/Revenue					Multiples
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
	Low	0.16x	0.16x	0.16x	0.16x
1.07x	Mean	1.05x	1.02x	1.00x	1.01x
1.07X	Median	0.85x	0.88x	0.90x	0.94x
	High	2.80x	2.80x	2.80x	2.80x
EV/EBITDA					Multiples
As of		Last 3 Months	Last 6 Months	Last 9 Months	Multiples Last 12 Months
EV/EBITDA As of June 30, 2019	Low		Last 6 Months 5.76x		Last 12
As of June 30, 2019	Low Mean	Months	Months	Months	Last 12 Months
As of		Months 5.76x	Months 5.76x	Months 5.76x	Last 12 Months 5.76x



Ticker	
TSX: WSP	
TSX: SNC	
TSX: BAD	
TSX: ARE	

Company Name	Market Cap (CA\$M)
WSP Global Inc.	7,573
SNC-Lavalin Group Inc.	4,649
Badger Daylighting Ltd.	1,714
Aecon Group Inc.	1,163
Bird Construction Inc.	240

TEV/Revenue					Multiples	
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months	
	Low	0.24x	0.24x	0.24x	0.24x	1
0.58x	Mean	0.56x	0.55x	0.57x	0.60x	
0.50%	Median	0.59x	0.56x	0.54x	0.56x	
	High	0.82x	0.92x	1.11x	1.33x	
TEV/EBITDA					Multiples	

Last 3

Months

6.01x

9.05x

8.79x

13.19x

Low

Mean

High

Median

Last 6

Months

6.01x

9.02x

8.62x

13.19x

Last 9

Months

6.01x

9.24x

8.68x

13.19x

Last 12

Months

6.01x

9.69x

9.41x

14.36x

TEV/EBITDA	
As of	
June 30, 2019	
9.11x	

Ticker	Company Name	Market Cap (US\$M)
NYSE: JEC	Jacobs Engineering Group Inc.	11,528
NYSE: ACM	AECOM	5,955
NYSE: PWR	Quanta Services, Inc.	5,427
NYSE: EME	EMCOR Group, Inc.	4,942
NYSE: FLR	Fluor Corporation	4,714
NYSE: DY	Dycom Industries, Inc.	1,853



\* Index companies based on industry leaders,

Outliers have been excluded from the multiples calculation

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TSX: BDT

25.00

23.00

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19.00

17.00 15.00

13.00

**TEV/EBITDA** 

7.00

6.50

6.00

5.50

5.00

4.50

4.00

**TEV/Revenue** 

#### **Trading Multiples** Consumer & Retail

[EV/Revenue					Multiples
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
	Low	1.32x	1.28x	1.22x	1.22x
4.01x	Mean	3.94x	3.87x	3.85x	3.98x
4.UIX	Median	4.21x	3.95x	3.87x	4.12x
	High	6.73x	6.73x	6.73x	8.21x
rev/ebitda					Multiples
As of		Last 3	Last 6	Last 9	Last 12
June 30, 2019	Low	Months	Months	Months	Months
	Low	10.90x	10.87x	10.87x	10.87x
17.47x	Mean	16.83x	16.14x	15.81x	16.07x
	Median	15.73x	15.15x	14.77x	14.91x
	Hiah	26.81x	26.81x	26.81x	27.90x

Ticker	Company Name	Market Cap (CA\$M)
NASDAQGS: LULU	Lululemon Athletica Inc.	30,710
TSX: QSR	Restaurant Brands International Inc.	23,095
TSX: DOL	Dollarama Inc.	14,500
TSX: GIL	Gildan Activewear Inc.	10,336
TSX: CTC.A	Canadian Tire Corporation, Limited	9,106
TSX: TSGI	The Stars Group Inc.	6,430
TSX: TOY	Spin Master Corp.	3,869

				Multiples
	Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
Low	1.68x	1.50x	1.42x	1.42x
Mean	3.68x	3.59x	3.56x	3.63x
Median	3.95x	3.73x	3.67x	3.63x
High	5.79x	6.28x	6.51x	7.63x
	Mean Median	MonthsLow1.68xMean3.68xMedian3.95x	Months Months   Low 1.68x 1.50x   Mean 3.68x 3.59x   Median 3.95x 3.73x	Months Months Months   Low 1.68x 1.50x 1.42x   Mean 3.68x 3.59x 3.56x   Median 3.95x 3.73x 3.67x

				Multiples
	Last 3	Last 6	Last 9	Last 12
	Months	Months	Months	Months
Low	13.02x	11.50x	10.89x	10.89x
Mean	18.44x	18.06x	18.02x	18.69x
Median	16.14x	15.02x	14.72x	14.74x
High	32.70x	32.70x	41.55x	49.75x

Company Name	Market Cap (US\$M)
Amazon.com, Inc.	932,294
The Procter & Gamble Company	275,038
The Home Depot, Inc.	228,827
NIKE, Inc.	131,948
Booking Holdings Inc.	81,159
The TJX Companies, Inc.	64,126
Colgate-Palmolive Company	61,530





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Ticker

NASDAQGS: AMZN NYSE: PG NYSE: HD NYSE: NKE NASDAQGS: BKNG NYSE: TJX NYSE: CL

TEV/EBITDA

As of

June 30, 2019

18.54x

\* Index companies based on industry leaders,

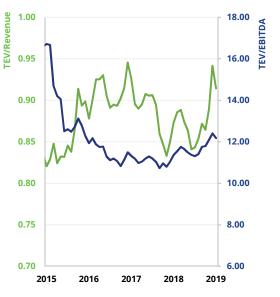
Outliers have been excluded from the multiples calculation

Source: Capital IQ

## **Trading Multiples**

#### Food & Beverage

TEV/Revenue					Multiples
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
	Low	0.39x	0.37x	0.30x	0.30x
0.91x	Mean	0.92x	0.89x	0.88x	0.88x
0.91X	Median	0.87x	0.84x	0.83x	0.83x
	High	1.55x	1.55x	1.55x	1.61x
					Madalada
TEV/EBITDA					Multiples
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
As of	Low				Last 12
As of June 30, 2019	Low Mean	Months	Months	Months	Last 12 Months
As of		Months 8.81x	Months 8.59x	Months 8.59x	Last 12 Months 8.59x



(CA\$M) 46,504 24,641 15,322 15,248 12,499 8,955 3,541

**Multiples** 

Ticker	Company Name	Market Cap
TSX: ATD.B	Alimentation Couche-Tard Inc.	
TSX: L	Loblaw Companies Limited	
TSX: SAP	Saputo Inc.	
TSX: WN	George Weston Limited	
TSX: MRU	Metro Inc.	
TSX: EMP.A	Empire Company Limited	
TSX: MFI	Maple Leaf Foods Inc.	
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As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
	Low	0.48x	0.48x	0.48x	0.48x
3.48x	Mean	3.48x	3.37x	3.36x	3.34x
3.40%	Median	3.20x	3.00x	2.87x	2.84x
	High	7.86x	7.86x	7.86x	7.86x

TEV/EBITDA					Multiples
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
	Low	8.48x	8.48x	8.48x	8.48x
14.30x	Mean	14.09x	13.64x	13.56x	13.46x
14.30X	Median	13.15x	12.85x	12.52x	12.43x
	High	21.69x	21.69x	21.69x	21.69x

Company Name	Market Cap (US\$M)
 Walmart Inc.	315,418
The Coca-Cola Company	217,231
PepsiCo, Inc.	183,821
Philip Morris International Inc.	122,177
Costco Wholesale Corporation	116,219
Altria Group, Inc.	88,588
Walgreens Boots Alliance, Inc.	49,375



Source: Capital IQ

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NASDAQGS: WBA

Ticker

NYSE: WMT NYSE: KO NASDAQGS: PEP NYSE: PM NASDAQGS: COST NYSE: MO

\* Index companies based on industry leaders,

Outliers have been excluded from the multiples calculation

## **Trading Multiples**

#### Health & Pharmaceuticals

				Multiples
	Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
Low	1.02x	0.97x	0.93x	0.93x
Mean	2.47x	2.50x	2.51x	2.55x
Median	2.77x	2.84x	3.05x	3.09x
High	3.85x	3.85x	3.88x	3.88x
				Multiples
	Last 3	Last 6	Last 9	Last 12
	Months	Months	Months	Months
Low	Months 5.53x	Months 5.53x	Months 5.33x	Months 5.33x
Low Mean	Months 5.53x 10.19x	Months 5.53x 10.14x	Months 5.33x 10.13x	Months 5.33x 10.29x
	5.53x	5.53x	5.33x	5.33x
	Mean Median	MonthsLow1.02xMean2.47xMedian2.77xHigh3.85x	MonthsMonthsLow1.02x0.97xMean2.47x2.50xMedian2.77x2.84xHigh3.85x3.85x	Months Months Months   Low 1.02x 0.97x 0.93x   Mean 2.47x 2.50x 2.51x   Median 2.77x 2.84x 3.05x   High 3.85x 3.85x 3.88x

Market Cap (CA\$M)

11,608 1,292 745 385 282

112,399

107,507

85,906



Ticker	Company Name
TSX: BHC	Bausch Health Companies Inc.
TSX: SIA	Sienna Senior Living Inc.
TSX: EXE	Extendicare Inc.
TSX: DR	Medical Facilities Corporation
TSX: CRH	CRH Medical Corporation

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TEV/Revenue						Multiples
As of June 30, 2019			Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
		Low	1.11x	1.11x	1.11x	1.11x
4.20x		Mean	4.15x	4.19x	4.27x	4.33x
4.20X		Median	4.68x	4.67x	4.71x	4.74x
		High	5.39x	5.56x	5.75x	5.87x
	_					
TEV/EBITDA						Multiples
As of June 30, 2019			Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
		Low	7.64x	7.56x	7.56x	7.56x
11.62x		Mean	11.55x	11.76x	12.04x	12.25x
		Median	11.66x	12.07x	12.42x	12.78x
		High	15.43x	16.11x	16.89x	17.17x
Ticker	_	Company N	lame		Marke	t Cap (US\$M)
NYSE: JNJ		Johnson & .	Johnson			369,796
NYSE: PFE		Pfizer Inc.				240,504
NYSE: UNH			h Group Incorp	orated		231,893
NYSE: MRK		Merck & Co	., Inc.			215,884

Amgen Inc.

AbbVie Inc.

Gilead Sciences, Inc.



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\* Index companies based on industry leaders,

Outliers have been excluded from the multiples calculation

NASDAQGS: AMGN

NASDAQGS: GILD

NYSE: ABBV

### **Trading Multiples** Information Technology

TEV/Revenue					Multiples	
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months	TEV//Devenue
	Low	0.18x	0.18x	0.18x	0.18x	
4.93x	Mean	4.88x	4.57x	4.42x	4.51x	
4.95X	Median	4.71x	4.57x	4.39x	4.45x	
	High	11.67x	11.67x	11.67x	11.67x	
TEV/EBITDA					Multiples	
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months	
	Low	4.79x	4.79x	4.79x	4.79x	
22.94x	Mean	22.96x	22.80x	23.45x	24.21x	
22.34%	Median	17.09x	17.74x	18.07x	19.15x	
	High	45.08x	50.61x	68.00x	68.00x	



Ticker	Company Name	Market Cap (CA\$M)
TSX: GIB.A	CGI Inc.	27,547
TSX: CSU	Constellation Software Inc.	26,156
NASDAQGS: OTEX	Open Text Corporation	14,494
TSX: BB	BlackBerry Limited	5,348
TSX: DSG	The Descartes Systems Group Inc	4,076
TSX: ENGH	Enghouse Systems Limited	1,892
TSX: CLS	Celestica Inc.	1,177

/Revenue					Multiples
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
	Low	3.17x	2.93x	2.93x	2.93x
6.79x	Mean	6.82x	6.55x	6.45x	6.60x
0./9X	Median	5.05x	4.98x	4.94x	4.94x
	High	17.55x	17.55x	17.55x	17.55x

				Multiples
	Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
Low	6.92x	6.92x	6.92x	6.92x
Mean	15.52x	14.86x	14.59x	14.88x
Median	15.32x	14.68x	14.34x	14.35x
High	26.05x	26.05x	26.05x	26.05x

Company Name	Market Cap (US\$M)
Microsoft Corporation	1,026,511
Apple Inc.	910,645
Alphabet Inc.	751,069
Facebook, Inc.	550,916
Visa Inc.	379,274
Cisco Systems, Inc.	234,285
Intel Corporation	214,314
Oracle Corporation	190,042



\* Index companies based on industry leaders,

Outliers have been excluded from the multiples calculation

Source: Capital IQ

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Ticker

NASDAQGS: MSFT NASDAQGS: AAPL NASDAQGS: GOOG.L NASDAQ: FB NYSE: V NASDAQGS: CSCO NASDAQGS: INTC NYSE: ORCL

TEV/EBITDA

As of

June 30, 2019

15.41x

### Trading Multiples Mining & Metal

TEV/Revenue					Multiples
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
	Low	1.68x	1.66x	1.56x	1.56x
0 50%	Mean	8.17x	8.08x	7.61x	7.42x
<b>8.58</b> x	Median	5.21x	5.18x	4.76x	4.70x
	High	22.83x	22.83x	22.83x	22.83x
TEV/EBITDA					Multiples
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
	Low	4.59x	4.08x	3.84x	3.84x
44.06v	Low Mean	4.59x 14.25x	4.08x 13.68x	3.84x 12.75x	3.84x 12.38x
14.96x					



Ticker	Company Name		
TSX: ABX	Barrick Gold Corporation		
TSX: FNV	Franco-Nevada Corporation		
TSX: TECK.B	Teck Resources Limited		
NYSE: AEM	Agnico Eagle Mines Limited		
TSX: WPM	Wheaton Precious Metals Corp.		
TSX: KL	Kirkland Lake Gold Ltd.		
TSX: FM	First Quantum Minerals Ltd.		

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Ticker NYSE: NEM NYSE: SCCO NYSE: FCX NYSE: NUE NASDAQGS: STLD NYSE: RS NYSE: AA NYSE: WOR

TEV/EBITDA

As of

June 30, 2019

6.63x

[EV/Revenue					Multiples
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
1.81x	Low	0.54x	0.54x	0.54x	0.54x
	Mean	1.75x	1.66x	1.63x	1.69x
	Median	0.77x	0.79x	0.85x	0.92x
	High	5.11x	5.11x	5.11x	5.76x

				Multiples
	Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
Low	2.80x	2.76x	2.76x	2.76x
Mean	6.51x	6.22x	6.16x	6.46x
Median	6.25x	6.03x	6.38x	6.73x
High	11.59x	11.59x	11.59x	11.59x

Market Cap (CA\$M)

36,213 20,809 17,003 15,728 14,112 11,849 8,524

Company Name	Market Cap (US\$M)
Newmont Goldcorp Corporation	31,531
Southern Copper Corporation	30,033
Freeport-McMoRan Inc.	16,842
Nucor Corporation	16,794
Steel Dynamics, Inc.	6,712
Reliance Steel & Aluminum Co.	6,362
Alcoa Corporation	4,343
Worthington Industries, Inc.	2,233



\* Index companies based on industry leaders,

Outliers have been excluded from the multiples calculation

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### **Trading Multiples** Oil & Gas

TEV/Revenue					Multiples
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
	Low	0.85x	0.82x	0.82x	0.82x
3.42x	Mean	3.44x	3.36x	3.31x	3.40x
3.42X	Median	3.15x	3.07x	3.02x	3.13x
	High	8.48x	8.48x	8.48x	8.48x
TEV/EBITDA					Multiples
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
	Low	4.36x	4.27x	4.27x	4.27x
9.37x	Mean	9.52x	9.44x	9.50x	9.94x
J.J/X	Median	7.49x	7.49x	7.75x	9.32x
	High	14.96x	15.01x	15.53x	18.05x

Company Name	Market Cap (CA\$M)
 Enbridge Inc.	95,726
Suncor Energy Inc.	64,001
TransCanada Corporation	60,297
Canadian Natural Resources Limited	42,223
Imperial Oil Limited	27,763
Pembina Pipeline Corporation	24,908
Husky Energy Inc.	12,474



	TEV/Revenue					Multiples
	As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
		Low	0.48x	0.48x	0.48x	0.48x
	2 47.	Mean	2.51x	2.54x	2.61x	2.78x
	<b>2.47</b> x	Median	2.32x	2.36x	2.36x	2.41x
		High	5.98x	5.98x	5.98x	6.26x
S Ш	TEV/EBITDA					Multiples
ΤΑΤ	As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
S		Low	4.76x	4.53x	4.38x	4.38x
$\Box$	7.61x	Mean	7.73x	7.84x	8.17x	8.80x
	7.01X	Median	6.79x	7.03x	7.67x	8.22x
⊢ Z		High	12.44x	12.78x	14.90x	15.35x
Ζ						
$\supset$	Ticker	Company	Name		Marke	t Cap (US\$M)
	NYSE: XOM	Exxon Mot	oil Corporation	-		324,229
	NYSE: CVX	Chevron C	orporation			237,047
	NYSE: COP	ConocoPhi	illips			68,941
	NYSE: EPD		Products Partne	rs L.P.		63,184
	NYSE: EOG	EOG Reso				54,063
	NYSE: KMI	Kinder Mo	rgan, Inc.			47,267
	NYSE: PSX	Phillips 66				42,425

Occidental Petroleum Corporation



\* Index companies based on industry leaders,

Outliers have been excluded from the multiples calculation

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NYSE: OXY

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Ticker

TSX: ENB TSX: SU NYSE: TRP TSX: CNQ TSX: IMO TSX: PPL TSX: HSE

37,610

#### **Trading Multiples** Power & Utilities

TEV/Revenue					Multiples
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
	Low	3.97x	3.71x	3.57x	3.57x
6.27x	Mean	6.22x	6.06x	5.91x	5.87x
0.27X	Median	5.83x	5.78x	5.59x	5.56x
	High	10.20x	10.20x	10.20x	10.20x
TEV/EBITDA					Multiples
As of		Last 3	Last 6	Last 9	Last 12
June 30, 2019		Months	Months	Months	Months
	Low	10.14x	10.14x	10.14x	10.14x
13.87x	Mean	13.79x	13.59x	13.33x	13.23x
	Modian	13 6 Q V	13 50v	12 17	12 0.82



Ticker	Company Name	Market Cap (CA\$M)
TSX: FTS	Fortis Inc.	22,346
NYSE: BIP	Brookfield Infrastructure Partners L.P.	15,712
TSX: EMA	Emera Incorporated	12,761
TSX: CU	Canadian Utilities Limited	10,071
TSX: AQN	Algonquin Power & Utilities Corp.	7,823
TSX: ACO.X	ATCO Ltd.	5,045
TSX: RNW	TransAlta Renewables Inc.	3,661

13.69x

16.78x

Median

High

9					Multiples	
of ), 2019		Last Mont			Last 12 Months	
	Lov	v 2.39	x 2.29x	2.27x	2.27x	TEV/B
86x	Me	an 5.27	x 5.15x	5.05x	4.99x	
	Me	dian 4.91	x 4.83x	4.77x	4.74x	
	Hig	h 8.31	x 8.31x	8.31x	8.31x	
					Multiples	

			multiples
Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
9.08x	8.08x	7.83x	7.83x
13.46x	13.29x	13.13x	13.01x
13.63x	13.40x	13.40x	13.28x
16.59x	16.59x	16.59x	16.59x
	Months 9.08x 13.46x 13.63x	Months Months   9.08x 8.08x   13.46x 13.29x   13.63x 13.40x	Months Months Months   9.08x 8.08x 7.83x   13.46x 13.29x 13.13x   13.63x 13.40x 13.40x

13.52x

16.78x

13.17x

16.78x

13.08x

16.78x

Company Name	Market Cap (US\$M)
NextEra Energy, Inc.	98,115
Duke Energy Corporation	64,243
Dominion Energy, Inc.	62,039
The Southern Company	57,508
Exelon Corporation	46,548
American Electric Power Company, Inc.	43,427
Sempra Energy	37,712
Public Service Enterprise Group Incorporate	d 29,729



\* Index companies based on industry leaders,

Outliers have been excluded from the multiples calculation

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As

June 30

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As of

June 30, 2019

13.72x

TEV/EBITDA

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Ticker NYSE: NEE NYSE: DUK NYSE: D NYSE: SO NYSE: EXC NYSE: AEP NYSE: SRE NYSE: PEG

### **Trading Multiples** Real Estate

TEV/Revenue					Multiples
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
	Low	3.76x	3.74x	3.31x	3.31x
10.98x	Mean	10.99x	10.96x	10.86x	10.87x
10.90X	Median	11.57x	11.67x	11.50x	11.46x
	High	16.85x	16.85x	16.85x	16.85x
TEV/EBITDA					Multiples
As of		Last 3 Months	Last 6 Months	Last 9 Months	Last 12
	l ow	Months	Months	Months	Last 12 Months
As of June 30, 2019	Low Mean				Last 12 Months
As of		Months 0.00x	Months 0.00x	Months 0.00x	Last 12 Months



Ticker	Company Name	Market Cap (CA\$M)
TSX: BAM.A	Brookfield Asset Management Inc.	59,854
TSX: REI.UN	RioCan Real Estate Investment Trust	7,909
TSX: HR.UN	H&R Real Estate Investment Trust	6,533
TSX: AP.UN	Allied Properties Real Estate Investment Trust	5,508
TSX: FCR	First Capital Realty Inc.	4,789
TSX: CHP.UN	Choice Properties Real Estate Investment Trust	4,235
TSX: CUF.UN	Cominar Real Estate Investment Trust	2,277

TEV/Revenue					Multiples
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
	Low	9.52x	9.46x	8.44x	8.43x
15.09x	Mean	14.73x	14.36x	14.15x	14.00x
15.09X	Median	14.71x	14.29x	14.15x	14.05x
	High	20.22x	20.22x	20.22x	20.22x
TEV/EBITDA					Multiples

	Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
Low	15.99x	15.99x	15.99x	15.99x
Mean	23.43x	22.85x	22.54x	22.29x
Median	23.70x	22.87x	22.27x	21.97x
High	30.32x	30.32x	30.32x	30.32x

Company Name	Market Cap (US\$M)
American Tower Corporation (REIT)	90,372
Crown Castle International Corp. (REIT)	54,192
Prologis, Inc.	50,527
Simon Property Group, Inc.	49,365
Public Storage	41,541
Welltower Inc.	33,015
AvalonBay Communities, Inc.	28,257
Equity Residential	28,126



\* Index companies based on industry leaders,

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Ticker NYSE: AMT NYSE: CCI NYSE: PLD NYSE: SPG NYSE: PSA NYSE: WELL NYSE: AVB NYSE: EQR

TEV/Reve

As of

June 30, 2019

24.06x

Outliers have been excluded from the multiples calculation

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## **Trading Multiples**

#### Telecommunications

V/Revenue					Multiple
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
	Low	3.10x	2.99x	2.99x	2.99x
3.46x	Mean	3.42x	3.37x	3.34x	3.33x
<b>J.40X</b>	Median	3.50x	3.47x	3.41x	3.36x
	High	3.63x	3.63x	3.63x	3.63x
	- ngri	0.000	0.000	0.000	0.000
V/EBITDA	- ngn	0.000	0.000	0.00%	Multiples
As of	, ngu	Last 3	Last 6	Last 9	Multiples Last 12
		Last 3 Months	Last 6 Months	Last 9 Months	Multiples Last 12 Months
As of June 30, 2019	Low	Last 3	Last 6	Last 9	Multiples Last 12
As of	Low	Last 3 Months 8.83x	Last 6 Months 8.67x	Last 9 Months 8.67x	Multiples Last 12 Months 8.67x



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NYSE: T NYSE: VZ NASDAQGS: TMUS NYSE: S NASDAQGS: SBAC NYSE: CTL NYSE: USM NASDAQGS: FTR

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Ticke	er	
TSX:	BCE	
TSX:	RCI.B	
TSX:	Т	

Company Name	Market Cap (CA\$M)
BCE Inc.	53,606
Rogers Communications Inc.	35,916
TELUS Corporation	29,112

TEV/Revenue

TEV/Revenue					Multiples
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
	Low	1.30x	1.28x	1.28x	1.07x
4.37x	Mean	4.19x	4.02x	3.95x	3.91x
4.37X	Median	2.13x	2.10x	2.11x	2.11x
	High	19.80x	19.80x	19.80x	19.80x
TEV/EBITDA					Multiples
As of June 30, 2019		Last 3 Months	Last 6 Months	Last 9 Months	Last 12 Months
	Low				
June 30, 2019	Low Mean	Months	Months	Months	Months
		Months 4.55x	Months 4.55x	Months 4.55x	Months 4.55x

Company Name	Market Cap (US\$M)
AT&T Inc.	244,560
Verizon Communications Inc.	236,273
T-Mobile US, Inc.	63,338
Sprint Corporation	26,877
SBA Communications Corporation	25,463
CenturyLink, Inc.	12,822
United States Cellular Corporation	3,857
Frontier Communications Corporation	184



\* Index companies based on industry leaders,

Outliers have been excluded from the multiples calculation

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## Oaklins



## **Deep local roots,** global commitment

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