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**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018****1a. Are you more or less optimistic about your country's economy compared to last quarter?**

	Number	Percent	95% CI
1=More optimistic	1	7.1 %	± 15.5 %
0=No change	2	14.3 %	± 21.0 %
-1=Less optimistic	11	78.6 %	± 24.6 %
Total	14	100.0 %	

Mean = -0.71

SD = 0.61

Missing Cases = 0

Response Percent = 100.0 %

**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018**

**1b. Rate your optimism about your country's economy on a scale from 0-100, with 0 being the least optimistic and 100 being the most optimistic.**

Minimum = 0

Maximum = 80

Mean = 50.38

Median = 57.50

Standard Deviation (Unbiased Estimate) = 24.62

95 Percent Confidence Interval Around The Mean = 37.00 - 63.77

**4 Groups**

1 = 40

2 = 57.50

3 = 73.75

Valid Cases = 13

Missing Cases = 1

Response Percent = 92.9%

**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018**

**2a. Are you more or less optimistic about the financial prospects for your own company compared to last quarter?**

	Number	Percent	95% CI
1=More optimistic	2	14.3 %	± 21.0 %
0=No change	5	35.7 %	± 28.8 %
-1=Less optimistic	7	50.0 %	± 30.0 %
Total	14	100.0 %	

Mean = -0.36

SD = 0.74

Missing Cases = 0

Response Percent = 100.0 %

## Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018

**2b. Rate your optimism about the financial prospects for your own company on a scale from 0-100, with 0 being the least optimistic and 100 being the most optimistic.**

Minimum = 0

Maximum = 90

Mean = 58.46

Median = 72.50

Standard Deviation (Unbiased Estimate) = 27.42

95 Percent Confidence Interval Around The Mean = 43.56 - 73.36

### 4 Groups

1 = 45

2 = 72.50

3 = 75

Valid Cases = 13

Missing Cases = 1

Response Percent = 92.9%

## Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018

### **3. Relative to the previous 12 months, what will be your company's PERCENTAGE CHANGE during the next 12 months? [Unweighted - Winsorized]**

	Mean	SD	95% CI	Median	Minimum	Maximum	Total
Revenue	9.28	17.34	-0.54 - 19.09	5	-5	59.42	12
Technology spending	3.53	4.54	0.72 - 6.34	3	0	12.29	10
Health care costs	3.30	2.58	1.61 - 4.98	4	0	7.69	9
Research and development spending	3.25	4.37	0.22 - 6.28	3	0	10	8
Marketing/advertising spending	3.17	8.16	-2.16 - 8.51	1.50	-10	19.57	9
Number of domestic full-time employees	3.02	4.55	0.04 - 5.99	2.50	0	14.17	9
Wages/Salaries	2.87	2.35	1.54 - 4.20	3	0	7.38	12
Earnings	1.91	9.54	-3.48 - 7.31	0	-14.30	18.31	12
Capital spending	1.46	9.70	-4.55 - 7.47	0	-18	19.62	10
Prices of your products	1.18	1.48	0.31 - 2.06	1	0	4.03	11

## Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018

### 3. Relative to the previous 12 months, what will be your company's PERCENTAGE CHANGE during the next 12 months for: [Unweighted - Sorted]

(N=14)

	Mean & SD	Positive 1	Zero 0	Negative -1	Total
Wages/Salaries	0.83 0.39	10 83.33%	2 16.67%	0 0.00%	12 100.00%
Health care costs	0.78 0.44	7 77.78%	2 22.22%	0 0.00%	9 100.00%
Number of domestic full-time employees	0.56 0.53	5 55.56%	4 44.44%	0 0.00%	9 100.00%
Research and development spending	0.50 0.53	4 50.00%	4 50.00%	0 0.00%	8 100.00%
Technology spending	0.50 0.53	5 50.00%	5 50.00%	0 0.00%	10 100.00%
Prices of your products	0.45 0.52	5 45.45%	6 54.55%	0 0.00%	11 100.00%
Marketing/advertising spending	0.44 0.73	5 55.56%	3 33.33%	1 11.11%	9 100.00%
Revenue	0.33 0.89	7 58.33%	2 16.67%	3 25.00%	12 100.00%
Capital spending	0.20 0.79	4 40.00%	4 40.00%	2 20.00%	10 100.00%
Earnings	0.00 0.95	5 41.67%	2 16.67%	5 41.67%	12 100.00%



## Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018

### **3. Relative to the previous 12 months, what will be your company's PERCENTAGE CHANGE during the next 12 months? [All Companies - Winsorized - Revenue Weighted - Sorted]**

	Mean	SD	95% CI	Median	Minimum	Maximum	Total
Revenue	10.81	7.89	5.36 - 16.27	14.01	-5	59.42	8
Earnings	9.79	9.54	3.19 - 16.38	9.65	-14.30	18.31	8
Capital spending	8.44	10.97	0.78 - 16.11	4.65	-18	19.62	8
Research and development spending	5.74	4.19	2.74 - 8.74	3	0	10	7
Technology spending	5.52	4.26	2.54 - 8.50	4.70	0	12.29	8
Marketing/advertising spending	3.11	4.52	-0.06 - 6.29	1.94	-10	19.57	8
Prices of your products	2.17	1.04	1.45 - 2.89	2	0	4.03	8

**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018**

**3. Relative to the previous 12 months, what will be your company's PERCENTAGE CHANGE during the next 12 months? [All Companies - Winsorized - Employee Weighted - Sorted]**

	Mean	SD	95% CI	Median	Minimum	Maximum	Total
Health care costs	6.66	2.05	5.16 - 8.16	5.24	0	7.69	7
Number of domestic full-time employees	3.09	2.05	1.59 - 4.60	3	0	14.17	7
Wages/Salaries	2.81	1.22	1.95 - 3.67	3.72	0	7.38	8

**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018**

**3. Relative to the previous 12 months, what will be your company's PERCENTAGE CHANGE during the next 12 months? [Public Companies - Winsorized - Revenue Weighted]**

	Mean	SD	95% CI	Median	Minimum	Maximum
Earnings	13.12	5.58	8.83 - 17.40	14.16	8	18.31
Revenue	13.08	6.24	8.29 - 17.87	15.55	10	59.42

**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018**

**4. For your country: In which quarter do you expect a downturn (recession) will occur?**

	Number	Percent	Cumulative
Already	2	14.3 %	14.3 %
2019Q1	4	28.6 %	42.9 %
2019Q2	0	0.0 %	42.9 %
2019Q3	4	28.6 %	71.4 %
2019Q4	2	14.3 %	85.7 %
2020Q1	1	7.1 %	92.9 %
2020Q2	0	0.0 %	92.9 %
2020Q3	0	0.0 %	92.9 %
2020Q4	1	7.1 %	100.0 %
2021Q1	0	0.0 %	100.0 %
2021Q2	0	0.0 %	100.0 %
2021Q3	0	0.0 %	100.0 %
2021Q4	0	0.0 %	100.0 %
2022Q1	0	0.0 %	100.0 %
2022Q2	0	0.0 %	100.0 %
2022Q3	0	0.0 %	100.0 %
2022Q4	0	0.0 %	100.0 %
2023	0	0.0 %	100.0 %
Never	0	0.0 %	100.0 %
Total	14	100.0 %	100.0 %

Missing Cases = 0

Response Percent = 100.0 %

## Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018

### **5. We'd like to get a sense of possible economic growth outcomes for your country in 2019. Please indicate your assessment of the 'worst case', best guess, and 'best case' for real GDP growth in 2019.**

	Mean	SD	95% CI	Median	Minimum	Maximum	Total
Worst Case: There is a 1-in-10 chance that in 2019 real GDP growth will be less than:	0.75	2.06	-0.33 - 1.83	1	-5	5	14
Best Guess: I expect 2019 real GDP growth will be:	1.79	2.72	0.36 - 3.21	1.50	-3	10	14
Best Case: There is a 1-in-10 chance that in 2019 real GDP growth will be greater than:	3.61	4.76	1.11 - 6.10	2.50	1	20	14

## Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018

### **3. Relative to the previous 12 months, what will be your company's PERCENTAGE CHANGE during the next 12 months? [All Companies - Winsorized - Revenue Weighted]**

	Mean	SD	95% CI	Median	Minimum	Maximum	Total
Capital spending	8.44	10.97	0.78 - 16.11	4.65	-18	19.62	8

### **6. If your worst case real GDP growth were to actually occur in 2019, what would be your company's PERCENTAGE CHANGE during 2019? [All Companies - Winsorized - Revenue Weighted]**

	Mean	SD	95% CI	Median	Minimum	Maximum	Total
% change in capital spending in 2019	2.43	5.68	-1.48 - 6.35	0	-14	8	8

### **3. Relative to the previous 12 months, what will be your company's PERCENTAGE CHANGE during the next 12 months? [All Companies - Winsorized - Employee Weighted]**

	Mean	SD	95% CI	Median	Minimum	Maximum	Total
Number of domestic full-time employees	3.09	2.05	1.59 - 4.60	3	0	14.17	7

### **6. If your worst case real GDP growth were to actually occur in 2019, what would be your company's PERCENTAGE CHANGE during 2019? [All Companies - Winsorized - Employee Weighted]**

	Mean	SD	95% CI	Median	Minimum	Maximum	Total
% change in number of domestic full-time employees in 2019	2.02	1.71	0.81 - 3.22	2.21	-5.31	3	8

## Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018

### 7. When you consider the optimal amount of debt for your firm or optimal capital structure, what are the primary metrics your company uses? (rank top 3) ALL RESPONDENTS

(N=10)

	Mean	#1	#2	#3	Not ranked in top 3	Total
Debt/EBITDA	2.30	5 50.0%	1 10.0%	0 0.0%	4 40.0%	10 100.0%
Debt/Assets [Total Debt / Total Assets]	2.80	3 30.0%	1 10.0%	1 10.0%	5 50.0%	10 100.0%
Debt/Equity [Total Debt / Market Equity]	3.00	1 10.0%	2 20.0%	3 30.0%	4 40.0%	10 100.0%
Interest coverage	3.20	0 0.0%	2 20.0%	4 40.0%	4 40.0%	10 100.0%
Debt/Value [Total Debt / (Total Debt + Market Equity)]	3.50	1 10.0%	1 10.0%	0 0.0%	8 80.0%	10 100.0%
Credit rating	3.70	1 10.0%	0 0.0%	0 0.0%	9 90.0%	10 100.0%
Other	3.80	0 0.0%	1 10.0%	0 0.0%	9 90.0%	10 100.0%

**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018**

**7. When you consider the optimal amount of debt for your firm or optimal capital structure, what are the primary metrics your company uses? (rank top 3) RESPONDENTS WITH A CREDIT RATING**

--- No Response ---



**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018**

**7. When you consider the optimal amount of debt for your firm or optimal capital structure, what are the primary metrics your company uses? OTHERS**

IN	OTHER: When you consider the optimal amount of debt for your firm or optimal capital structure, what are the primary metrics your company uses
Communication/Media	Fixed Charge Coverage
Other	We don't currently have any debt.

## Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018

### 7. What is your company's current debt ratio?

	Total	Primary Debt Ratio:			
		Debt	Debt Value	Debt Equity	Debt
		Assets	B	C	EBITDA
Median	A			D	
Number	10	4	1	1	4
Percent	100.0%	40.0%	10.0%	10.0%	40.0%
What is your company's current debt ratio?	23.13 2.20	38.00 51.00	75.00 52.50	0.00 15.00	1.08 1.00

Significance Tests Between Columns: Lower case:  $p < .05$  Upper case:  $p < .01$

## Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018

### 7. Does your firm have a target debt ratio or an acceptable range within which you try to keep your debt ratio?

	Total	Primary Debt Ratio:				
		Debt Assets	Debt Value	Debt Equity	Debt EBITDA	Interest Coverage
		A	B	C	D	E
Total	12 100.0%	5 41.7%	1 8.3%	1 8.3%	4 33.3%	1 8.3%
No target/range	7 58.3%	4 80.0%	1 100.0%	1 100.0%	0 0.0%	1 100.0%
Flexible target/range	3 25.0%	1 20.0%	0 0.0%	0 0.0%	2 50.0%	0 0.0%
Somewhat tight target/range	2 16.7%	0 0.0%	0 0.0%	0 0.0%	2 50.0%	0 0.0%
Strict target/range	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

Significance Tests Between Columns: Lower case: p<.05 Upper case: p<.01

**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018**

**7. Over the past 10 years, about how many times has your firm made significant changes to your target / acceptable range for debt ratio?**

N=7	Total	Primary Debt Ratio:				
		Debt Assets	Debt Value	Debt Equity	Debt EBITDA	Interest Coverage
		A	B	C	D	E
Total	7 100.0%	2 28.6%	0 0.0%	1 14.3%	4 57.1%	0 0.0%
0	2 28.6%	0 0.0%	0 0.0%	0 0.0%	2 50.0%	0 0.0%
1	2 28.6%	1 50.0%	0 0.0%	0 0.0%	1 25.0%	0 0.0%
2	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
3	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
4	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
5	1 14.3%	1 50.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
6+	1 14.3%	0 0.0%	0 0.0%	0 0.0%	1 25.0%	0 0.0%
Don't Know	1 14.3%	0 0.0%	0 0.0%	1 100.0%	0 0.0%	0 0.0%

Significance Tests Between Columns: Lower case:  $p < .05$  Upper case:  $p < .01$

Asked of those whose firm has a target

Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018

**8. What is your upper limit acceptable debt ratio? (That is, if your debt ratio were to exceed the upper limit, your company would take action to reduce your debt ratio down to an acceptable level)**

	Total	Primary Debt Ratio:				
		Debt Assets	Debt Value	Debt Equity	Debt EBITDA	Interest Coverage
		A	B	C	D	E
Total	9 100.0%	5 55.6%	1 11.1%	1 11.1%	1 11.1%	1 11.1%
We set an upper limit	2 22.2%	2 40.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
We don't really set an upper limit	7 77.8%	3 60.0%	1 100.0%	1 100.0%	1 100.0%	1 100.0%

Significance Tests Between Columns: Lower case: p<.05 Upper case: p<.01

## Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018

### 8. Upper limit debt ratio:

	Total	Primary Debt Ratio:		
		Debt	Debt Equity	Debt
		Assets		EBITDA
Median		A	B	C
Number	6	3	1	2
Percent	100.0%	50.0%	16.7%	33.3%
Upper limit debt ratio:	20.38	38.33	2.00	2.65
	3.30	57.50	16.00	1.00

Significance Tests Between Columns: Lower case:  $p < .05$  Upper case:  $p < .01$

**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018**

**8. If your firm were to exceed the upper limit, about how long would your company take to reduce your debt ratio down to an acceptable level?**

	Total	Primary Debt Ratio:				
		Debt Assets	Debt Value	Debt Equity	Debt EBITDA	Interest Coverage
		A	B	C	D	E
Total	2 100.0%	1 50.0%	1 50.0%	0 0.0%	0 0.0%	0 0.0%
Timetable (see next page)	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
No specific timetable	2 100.0%	1 100.0%	1 100.0%	0 0.0%	0 0.0%	0 0.0%
Other	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

Significance Tests Between Columns: Lower case:  $p < .05$  Upper case:  $p < .01$

**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018**

**8. How long would it take your company to reduce your debt ratio down to an acceptable level? (in years):**

	<u>Total</u>	<u>Primary Debt Ratio: Debt Assets A</u>
N=1		
Mean		
Median		
Number	1	1
Percent	100.0%	100.0%
How long would it take your company to reduce your debt ratio down to an acceptable level? (in years)	3.80 1.90	3.80 1.90

Significance Tests Between Columns: Lower case: p<.05 Upper case: p<.01



**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018**

**OTHER: 8. If your firm were to exceed the upper limit, about how long would your company take to reduce your debt ratio down to an acceptable level?**

--- No Response ---

**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018**

**9. What is your lower limit acceptable debt ratio? (That is, if your debt ratio were to fall below the lower limit, your company would take action to increase your debt ratio up to an acceptable level)**

	Total	Primary Debt Ratio:				
		Debt Assets	Debt Value	Debt Equity	Debt EBITDA	Interest Coverage
		A	B	C	D	E
Total	12 100.0%	5 41.7%	1 8.3%	1 8.3%	4 33.3%	1 8.3%
We set a lower limit	2 16.7%	1 20.0%	0 0.0%	0 0.0%	1 25.0%	0 0.0%
We don't really set a lower limit	10 83.3%	4 80.0%	1 100.0%	1 100.0%	3 75.0%	1 100.0%

Significance Tests Between Columns: Lower case:  $p < .05$  Upper case:  $p < .01$

## Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018

### 9. Lower limit debt ratio:

	<u>Total</u>	<u>Primary Debt Ratio:</u>		
		Debt	Debt	Debt
		Assets	Equity	EBITDA
Median		A	B	C
Number	3	1	1	1
Percent	100.0%	33.3%	33.3%	33.3%
Lower limit debt ratio:	2.00	5.00	0.50	0.50
	2.75	2.75	0.50	0.50

Significance Tests Between Columns: Lower case:  $p < .05$  Upper case:  $p < .01$

## Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018

### 9. If your firm were to fall below the lower limit, about how long would your company take to increase your debt ratio up to an acceptable level?

N=1	Total	Primary Debt Ratio:				
		Debt Assets	Debt Value	Debt Equity	Debt EBITDA	Interest Coverage
		A	B	C	D	E
Total	1 100.0%	1 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Timetable (see next page)	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
No specific timetable	1 100.0%	1 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Other	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

Significance Tests Between Columns: Lower case:  $p < .05$  Upper case:  $p < .01$

**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018**

**9. How long would it take your company to increase your debt ratio up to an acceptable level? (in years)**

N=1	Total	Primary Debt Ratio:
Mean		Debt
Median		EBITDA
		A
Number	1	1
Percent	100.0%	100.0%
How long would it take your company to increase your debt ratio up to an acceptable level? (in years)	2.00 1.00	2.00 1.00

Significance Tests Between Columns: Lower case: p<.05 Upper case: p<.01

**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018**

**OTHER: 9. If your firm were to exceed the lower limit, about how long would your company take to increase your debt ratio up to an acceptable level?**

--- No Response ---

## Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018

### If your company were to issue bonds in 2019, in what currency would they be issued?

IN	If your company were to issue bonds in 2019, in what currency would they be issued?
Tech [Soft/Hard/Bio]	CAD
Energy	CAD
Communication/Media	CAD
Mining/Construction	can
Other	Canadian
Services, Consulting	na
Retail/Wholesale	USD
Bank/Fin/Insur/Real Est	USD
Tech [Soft/Hard/Bio]	usd

**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018**

**Return on assets (ROA=operating earnings/assets) (Winsorized)**

	Mean	SD	95% CI	Median	Minimum	Maximum	Total
% Approximate ROA in 2018	10.25	12.98	2.20 - 18.30	10	-15.70	30	10
% Expected ROA in 2019	11.09	10.66	4.48 - 17.70	8	0	32.40	10



**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018**

**Manufacturing capacity utilized (Winsorized)**

--- No Response ---

## Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018

### Industry

	Number	Percent	95% CI
Technology [Software/Hardware/Biotech]	3	21.4 %	± 24.6 %
Banking/Finance/Insurance/Real Estate	2	14.3 %	± 21.0 %
Services, Consulting	2	14.3 %	± 21.0 %
Retail/Wholesale	2	14.3 %	± 21.0 %
Energy	1	7.1 %	± 15.5 %
Mining/Construction	1	7.1 %	± 15.5 %
Public Administration	1	7.1 %	± 15.5 %
Communication/Media	1	7.1 %	± 15.5 %
Agriculture, Forestry, & Fishing	0	0.0 %	± 0.0 %
Transportation & Public Utilities	0	0.0 %	± 0.0 %
Manufacturing	0	0.0 %	± 0.0 %
Healthcare/Pharmaceutical	0	0.0 %	± 0.0 %
Other Industry	1	7.1 %	± 15.5 %
<b>Total</b>	<b>14</b>	<b>100.0 %</b>	

Missing Cases = 0

Response Percent = 100.0 %

**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018**

**Industry (Other specified)**

--- No Response ---

## Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018

### Sales Revenue

	Number	Percent	95% CI
Less than \$25 million	6	42.9 %	± 29.7 %
\$25-99 million	2	14.3 %	± 21.0 %
\$100-499 million	2	14.3 %	± 21.0 %
\$500-999 million	1	7.1 %	± 15.5 %
\$1-4.9 billion	2	14.3 %	± 21.0 %
\$5-9.9 billion	0	0.0 %	± 0.0 %
More than \$10 billion	1	7.1 %	± 15.5 %
Total	14	100.0 %	

Missing Cases = 0

Response Percent = 100.0 %

## Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018

### Sales Revenue (Millions)

Minimum = 25

Maximum = 11000

Mean = 1330.29

Median = 62

Variance (Unbiased Estimate) = 8844515.14

Standard Deviation (Unbiased Estimate) = 2973.97

Standard Error Of The Mean = 794.83

95 Percent Confidence Interval Around The Mean = -227.58 - 2888.15

99 Percent Confidence Interval Around The Mean = -716.40 - 3376.97

Skewness = 2.71

Kolmogorov-Smirnov Statistic For Normality = 1.45

### Quartiles

1 = 25

2 = 62

3 = 1875

Valid Cases = 14

Missing Cases = 0

Response Percent = 100.0%

## Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018

### Number of Employees

	Number	Percent	95% CI
Fewer than 100	7	53.8 %	± 30.3 %
100-499	2	15.4 %	± 21.2 %
500-999	1	7.7 %	± 15.6 %
1,000-2,499	0	0.0 %	± 0.0 %
2,500-4,999	1	7.7 %	± 15.6 %
5,000-9,999	0	0.0 %	± 0.0 %
Over 10,000	2	15.4 %	± 21.2 %
Total	13	100.0 %	

Missing Cases = 1

Response Percent = 92.9 %

## Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018

### Number of Employees

Minimum = 100

Maximum = 12000

Mean = 2292.31

Median = 200

Variance (Unbiased Estimate) = 19547019.23

Standard Deviation (Unbiased Estimate) = 4421.20

Standard Error Of The Mean = 1226.22

95 Percent Confidence Interval Around The Mean = -111.08 - 4695.70

99 Percent Confidence Interval Around The Mean = -865.21 - 5449.83

Skewness = 1.75

Kolmogorov-Smirnov Statistic For Normality = 1.57

### Quartiles

1 = 100

2 = 200

3 = 3000

Valid Cases = 13

Missing Cases = 1

Response Percent = 92.9%

## Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018

### Where are you personally located?

	Number	Percent	95% CI
Canada	14	100.0 %	± 0.0 %
Mountain U.S.	0	0.0 %	± 0.0 %
Midwest U.S.	0	0.0 %	± 0.0 %
South Central U.S.	0	0.0 %	± 0.0 %
South Atlantic U.S.	0	0.0 %	± 0.0 %
Pacific US	0	0.0 %	± 0.0 %
Northeast U.S.	0	0.0 %	± 0.0 %
Latin America	0	0.0 %	± 0.0 %
Europe	0	0.0 %	± 0.0 %
Asia	0	0.0 %	± 0.0 %
Africa	0	0.0 %	± 0.0 %
Other	0	0.0 %	± 0.0 %
Total	14	100.0 %	

Missing Cases = 0

Response Percent = 100.0 %



**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018**

**Headquarters Canada (Other Specified)**

--- No Response ---

**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018****Ownership**

	Number	Percent	95% CI
Private	8	66.7 %	± 30.2 %
Public	3	25.0 %	± 25.1 %
Nonprofit	1	8.3 %	± 15.8 %
Total	12	100.0 %	

Missing Cases = 2

Response Percent = 85.7 %

**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018****Foreign Sales**

	Number	Percent	95% CI
0%	7	50.0 %	± 30.0 %
1-24%	3	21.4 %	± 24.6 %
25-50%	0	0.0 %	± 0.0 %
More than 50%	4	28.6 %	± 27.1 %
Total	14	100.0 %	

Missing Cases = 0

Response Percent = 100.0 %

**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018**

**In what region of the world are most of your foreign sales?**

	Number	Percent	95% CI
US/Canada	6	85.7 %	± 35.0 %
Europe	1	14.3 %	± 35.0 %
Asia/Pacific Basin	0	0.0 %	± 0.1 %
Latin America	0	0.0 %	± 0.1 %
Africa	0	0.0 %	± 0.1 %
Total	7	100.0 %	

Missing Cases = 0

Response Percent = 100.0 %

**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018**

**Your job title (e.g., CFO, Asst. Treasurer, etc):**

	Number	Percent
CFO	6	42.9 %
VP of Finance	3	21.4 %
Other	3	21.4 %
CEO	2	14.3 %
Controller	0	0.0 %
Treasurer	0	0.0 %
Total	14	100.0 %

Missing Cases = 0

Response Percent = 100.0 %

**Duke, Global Business Outlook survey - Canada - Fourth Quarter, 2018****What is your age?**

	Number	Percent	95% CI
<40	0	0.0 %	± 0.0 %
40-49	1	7.1 %	± 15.5 %
50-59	8	57.1 %	± 29.7 %
>=60	5	35.7 %	± 28.8 %
Prefer not to answer	0	0.0 %	± 0.0 %
Total	14	100.0 %	

Missing Cases = 0

Response Percent = 100.0 %

