Table of Contents

1a. Are you more or less optimistic about your country's economy compared to last quarter?	1
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.	4
2a. Are you more or less optimistic about the financial prospects for your own company compared to last quarter?	7
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.	11
3a. During the past quarter, which items have been the most pressing concerns for your company's top management team?	15
4. Relative to the previous 12 months, what will be your company's PERCENTAGE CHANGE during the next 12 months? [Unweighted - Winsorized]	27
4. Relative to the previous 12 months, what will be your company's PERCENTAGE CHANGE during the next 12 months? [All Companies - Winsorized - Revenue Weighted]	31
4. Relative to the previous 12 months, what will be your company's PERCENTAGE CHANGE during the next 12 months? [All Companies - Winsorized - Employee Weighted]	35
4. Relative to the previous 12 months, what will be your company's PERCENTAGE CHANGE during the next 12 months? [Public Companies - Winsorized - Revenue Weighted]	39
Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax	
upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following?	•
<u>(Yes/No) - 2018</u>	43
Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax	
upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following?	•
(Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded	55
Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax	
upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following?	1
<u>(Yes/No) - 2019</u>	15
Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax	
upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following?	•
(Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded	27
Q5b. Is your expected increase in 2019 U.S. investment because of? (Check all that apply)	87
Q5c. What aspect of the new tax code has caused your firm to expect to use a smaller dollar amount of U.S. debt in 2019? (Check all that apply)	95
Q5d. To achieve the expected decrease in the dollar amount of 2019 U.S. debt, will you? (Check all that apply)	03
Q5e. What external funding source(s) will replace debt? (Check all that apply)	07
Q6a. How would you rate the overall effect of the tax code changes on your firm over the next three years?	11
Q6a. How would you rate the overall effect of the tax code changes on your firm over the next three years? DK Excluded	15
Q6b1. What was your overall effective (average) tax rate in tax year 2017?	19
Q6b2. What do you expect your effective (average) tax rate to be in tax year 2018?	23
Q6b. Shows the overall difference between overall effective (average) tax rate in tax year 2017 - vs expected effective (average) tax rate in tax year 2018:	27
Q6c. There will be full-expensing of qualified capital expenditures for the next five years, which will then begin to phase out starting six years from now. We'd like to learn	
whether this eventual phase-out might affect when your company initiates expenditures. Because of this phase out, does your company plan to shift spending so that it occurs	<u>;</u>
sooner?	31
Q7a. Do you have a good understanding of the following? (one choice per row)	35
Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?	87
Q7c. Do you anticipate that your company will reduce the number of employees in the finance function because of innovations in financial technology (such as the items listed	<u>∌d</u>
in b above)? (choose best answer)	47
Q7c. Do you anticipate that your company will reduce the number of employees in the finance function because of innovations in financial technology (such as the items listed	<u>b£</u>
in b above)? (choose best answer) DK Excluded	55

On February 12th, 2018 the annual yield on 10-yr treasury bonds was 2.86%. Please complete the following: (Winsorized)	363
Return on assets (ROA=operating earnings/assets) (Winsorized)	367
Manufacturing capacity utilized (Winsorized)	371
Your job title (e.g., CFO, Asst. Treasurer, etc):	375
What is your age?	379
What type of pension plan does your company offer?	383

1a. Are you more or less optimistic about your country's economy compared to last quarter?

N=245	Total	Total Industry											
		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%		9 3.8%	8 3.4%	44 18.7%			50 21.3%	15 6.4%	6 2.6%	25 10.6%
1=More optimistic	130 53.3%	17 63.0% H	11 44.0%	8 72.7% H	66.7%	5 62.5% h		100.0%	15.4%	29 58.0% H	7 46.7%	2 33.3%	13 52.0% h
0=No change	74 30.3%	7 25.9%	9 36.0%			2 25.0%	13 29.5%				5 33.3%	3 50.0%	6 24.0%
-1=Less optimistic	40 16.4%	3 11.1% h	5 20.0%		11.1%	1 12.5%	7 15.9%	ū		4 8.0% H	3 20.0%	1 16.7%	6 24.0%
Mean	0.37	0.52 H	0.24	0.73 H		0.50 h	0.39 h		-0.23 ACdefl	0.50 H	0.27	0.17	0.28

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

1a. Are you more or less optimistic about your country's economy compared to last quarter?

N=245	Sales Revenue												
	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G						
Total	88 37.6%	62 26.5%	46 19.7%	8 3.4%	14 6.0%	7 3.0%	9 3.8%						
1=More optimistic	41 46.6% c	36 58.1%	30 65.2% a	3 37.5%	5 35.7%	4 57.1%	5 55.6%						
0=No change	31 35.2%	14 22.6%	14 30.4%	3 37.5%	6 42.9%	2 28.6%	3 33.3%						
-1=Less optimistic	16 18.2% c	12 19.4% c	2 4.3% abde	2 25.0% c	3 21.4% c	1 14.3%	1 11.1%						
Mean	0.28 c	0.39	0.61 ade	0.13 c	0.14 c	0.43	0.44						

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

1a. Are you more or less optimistic about your country's economy compared to last quarter?

N=245		e are you per	e you personally located?						
			South		South	_			
	Midwest	Northeast	Central	Pacific	Atlantic	Mountain			
	US	US	US	US	US	US			
	Α	В	С	D	Е	F			
Total	60	49	46	35	34	13			
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%			
1=More optimistic	31	25	25	18	22	6			
	51.7%	51.0%	54.3%	51.4%	64.7%	46.2%			
0=No change	16	19	15	9	9	5			
	26.7%	38.8%	32.6%	25.7%	26.5%	38.5%			
-1=Less optimistic	13	5	6	8	3	2			
	21.7%	10.2%	13.0%	22.9%	8.8%	15.4%			
Mean	0.30	0.41	0.41	0.29	0.56	0.31			

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.

N=245	Total	Industry											
Mean			Bank/Fin										
Median		Retail/ Whole- sale A	Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
A	245	27	25	44	•	0	4.4	2	12		45		25
Number	245	27	25	11	9	8	44		13		15	6	25
Percent	100.0%	11.5%	10.6%	4.7%	3.8%	3.4%	18.7%	0.9%	5.5%	21.3%	6.4%	2.6%	10.6%
Optimism rating	71.17	71.46	70.04	83.44	68.33	74.50	68.05	72.50	60.73	76.32	72.31	69.20	69.76
	75.00	76.00	75.00	85.00	75.00	80.00	70.00	1.00	60.00	75.00	80.00	70.50	72.50
		С	С	abDfHl	С		ci		CI	fH			С

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.

N=245			S	ales Revenue			
Mean	Less than						More
Median	\$25 million	\$25-99 million	\$100-499 million	\$500-999 million	\$1-4.9 billion	\$5-9.9 billion	than \$10 billion
	A	В	С	D	E	F	G
Number	88	62	46	8	14	7	9
Percent	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%
Optimism rating	69.18	71.96	75.88	68.38	67.86	67.29	73.11
	75.00	75.00	77.00	80.00	75.00	75.00	79.50
	С		a				

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.

N=245	Where are you personally located?									
Mean			South		South	_				
Median	Midwest	Northeast	Central	Pacific	Atlantic	Mountain				
	US	US	US	US	US	US				
	Α	В	С	D	E	F				
Number	60	49	46	35	34	13				
Percent	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%				
Optimism rating	70.23	73.00	73.61	69.52	71.97	63.25				
	75.00	75.00 f	79.00	75.00	75.00	60.00 bc				
		Г	ī			DC				

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

N=245	Total	Industry											
		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%		9 3.8%	8 3.4%	44 18.7%	2 0.9%	_		15 6.4%	6 2.6%	25 10.6%
1=More optimistic	137 55.9%	17 63.0%	13 52.0%		_	5 62.5%	26 59.1%	1 50.0%		31 62.0%	8 53.3%	2 33.3%	11 44.0%
0=No change	68 27.8%	6 22.2%	9 36.0%			3 37.5%	9 20.5%	0 0.0%			4 26.7%	3 50.0%	10 40.0%
-1=Less optimistic	40 16.3%	4 14.8%	3 12.0%		11.1%	0 0.0%	9 20.5%	1 50.0% c			3 20.0%	1 16.7%	4 16.0%
Mean	0.40	0.48	0.40	0.73	0.56	0.63	0.39	0.00	0.23	0.48	0.33	0.17	0.28

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

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

N=245			S	ales Revenue						Ownership		
	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Total	88 37.6%	62 26.5%	46 19.7%	_	14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	18 8.4%
1=More optimistic	46 52.3%	33 53.2%	32 69.6%		7 50.0%	5 71.4%	6 66.7%	8 47.1%	5 62.5%	102 61.4% e	1 20.0%	6 33.3% c
0=No change	25 28.4%	18 29.0%			4 28.6%	2 28.6%	3 33.3%	7 41.2%	2 25.0%	39 23.5%	3 60.0%	7 38.9%
-1=Less optimistic	17 19.3%	11 17.7%	3 6.5% d	37.5%	3 21.4%	0 0.0%	0 0.0%	2 11.8%	1 12.5%	25 15.1%	1 20.0%	5 27.8%
Mean	0.33 c	0.35 c	0.63 abd		0.29	0.71	0.67	0.35	0.50	0.46 e	0.00	0.06 c

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

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

N=245	Number of Employees								Foreign Sales				
	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D		
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%		
1=More optimistic	44 59.5%	34 56.7%	6 46.2%	14 73.7% e	2 28.6% d	4 80.0%	9 64.3%	67 58.3%	51 54.8%	15 65.2%	2 40.0%		
0=No change	19 25.7%	14 23.3%	3 23.1%	4 21.1%	4 57.1%	0 0.0%	5 35.7%	31 27.0%	27 29.0%	4 17.4%			
-1=Less optimistic	11 14.9%	12 20.0%	4 30.8% g	1 5.3%	1 14.3%	1 20.0%	0 0.0% c	17 14.8%	15 16.1%	4 17.4%			
Mean	0.45	0.37	0.15	0.68	0.14	0.60	0.64	0.43	0.39	0.48	0.40		

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

N=245	Where are you personally located?										
			South	_							
	Midwest	Northeast	Central	Pacific	Atlantic	Mountain					
	US	US	US	US	US	US					
	Α	В	С	D	Е	F					
Total	60	49	46	35	34	13					
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%					
1=More optimistic	36	30	25	18	20	6					
·	60.0%	61.2%	54.3%	51.4%	58.8%	46.2%					
0=No change	11	14	13	11	10	6					
_	18.3%	28.6%	28.3%	31.4%	29.4%	46.2%					
	f					a					
-1=Less optimistic	13	5	8	6	4	1					
	21.7%	10.2%	17.4%	17.1%	11.8%	7.7%					
Mean	0.38	0.51	0.37	0.34	0.47	0.38					

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.

N=245	Total	Industry											
Mean			Bank/Fin										_
Median		Retail/	Insur	Mining	Trans-		Service	Commun-	Tech Soft-		Health-		
		Whole-	Real	Construc-	portation		Consult-	ications	Hardware	Manufac-	care	Agr, Pub	Other
		sale	Estate	tion	Pub. Util	Energy	ing	Media	Bio	turing	Pharm	Admin	Industry
		A	В	С	D	E	F	G	Н	1	J	K	L
Number	245	27	25	11	9	8	44	2	13	50	15	6	25
Percent	100.0%	11.5%	10.6%	4.7%	3.8%	3.4%	18.7%	0.9%	5.5%	21.3%	6.4%	2.6%	10.6%
Optimism rating	70.12 75.00	71.50 80.00	70.09 72.50	_		76.88 80.00					65.67 75.00	61.20 60.50	68.08 70.00
	75.00	00.00	, 2.50	73.30	75.50	00.00	70.00	1.00	70.00	,,,,,,	75.00	00.50	70.00

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.

N=245			S	ales Revenue					-	Ownership		
Mean	Less than						More		Public,			
Median	\$25 million	\$25-99 million	\$100-499 million	\$500-999 million	\$1-4.9 billion	\$5-9.9 billion	than \$10 billion	Public, NYSE	Nasdaq/ AMEX	Private	Govern- ment	Nonprofit
	A	В	С	D	E	F	G	A	В	С	D	E
Number	88	62	46	8	14	7	9	17	8	166	5	18
Percent	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
Optimism rating	67.23 70.00	72.42 75.00	_		66.54 72.50	71.57 75.50		71.06 77.50	72.86 82.50	71.36 75.00	60.20 60.50	_

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.

N=245		Number of Employees								Foreign Sales			
Mean Median	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 F	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D		
						•							
Number	74	60	13	19	7	5	14	115	93	23	5		
Percent	38.5%	31.3%	6.8%	9.9%	3.6%	2.6%	7.3%	48.7%	39.4%	9.7%	2.1%		
Optimism rating	69.03	70.25	66.33	78.71	62.14	77.60	72.86	69.91	71.40	69.91	66.25		
	75.00	75.00	73.50	82.50	65.00	85.00	75.00	75.00	75.00	70.00	70.00		
				е	d								

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.

N=245	Where are you personally located?									
Mean			South		South					
Median	Midwest	Northeast	Central	Pacific	Atlantic	Mountain				
	US	US	US	US	US	US				
	Α	В	С	D	Е	F				
Number	60	49	46	35	34	13				
Percent	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%				
Optimism rating	70.54	69.60	71.44	68.65	70.32	71.42				
	70.00	70.00	75.00	76.00	75.00	75.00				

3a. During the past quarter, which items have been the most pressing concerns for your company's top management team?

N=243	Total						Indu	ıstry					
		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	243 100.0%	27 11.1%	25 10.3%	11 4.5%	_	7 2.9%	43 17.7%				15 6.2%	6 2.5%	25 10.3%
Difficulty attracting / retaining qualified employees	110 45.3%	14 51.9% b	6 24.0% al	4 36.4%		2 28.6%	18 41.9% i				8 53.3%	2 33.3%	12 48.0%
Cost of benefits	81 33.3%	12 44.4% eh	8 32.0%	5 45.5% h	22.2%	0 0.0% ai	15 34.9%			48.0%	4 26.7%	2 33.3%	6 24.0% i
Government policies	74 30.5%	6 22.2% j	10 40.0% h	3 27.3%		3 42.9% h	13 30.2% h	0.0%			8 53.3% aHi	2 33.3% h	11 44.0% H
Regulatory requirements	74 30.5%	5 18.5% BJ	14 56.0% AfIL	4 36.4% i		1 14.3% j	13 30.2% biJ	50.0%		_	11 73.3% AeFhIL	3 50.0% i	4 16.0% BJ
Data security	73 30.0%	7 25.9%	7 28.0%	3 27.3%		2 28.6%	19 44.2% i				3 20.0%	3 50.0%	10 40.0%
Employee productivity	58 23.9%	9 33.3% b	2 8.0% aHi	3 27.3%		2 28.6%	6 14.0% hi	0.0%		34.0%	4 26.7%	0 0.0%	5 20.0%
Rising wages and salaries	57 23.5%	9 33.3%	3 12.0% H	3 27.3%		3 42.9%	8 18.6% h	50.0%		22.0%	2 13.3% h	1 16.7%	7 28.0%

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

N=243			S	ales Revenue						Ownership		
	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Total	86 35.4%	62 25.5%	46 18.9%	_	14 5.8%	7 2.9%	9	17 7.0%	8 3.3%	164 67.5%	5 2.1%	18 7.4%
Difficulty attracting / retaining qualified	30	39	23	3	4	4	4	5	4	79	1	9
employees	34.9% B	62.9% Ae	50.0%		28.6% b	57.1%	44.4%	29.4%	50.0%	48.2%	20.0%	
Cost of benefits	31 36.0% d	24 38.7% d	20 43.5% d	0.0%	2 14.3%	1 14.3%	1 11.1%	3 17.6%	1 12.5%	61 37.2%	3 60.0%	8 44.4%
Government policies	27 31.4%	18 29.0%	9 19.6% fg	12.5%	6 42.9%	4 57.1% c	5 55.6% c	10 58.8% C	4 50.0%	38 23.2% Ae	3 60.0%	9 50.0% c
Regulatory requirements	23 26.7%	23 37.1%	11 23.9%		5 35.7%	1 14.3%	5 55.6%	7 41.2%	4 50.0%	47 28.7%	2 40.0%	
Data security	27 31.4%	20 32.3%			2 14.3%	4 57.1%	3 33.3%	5 29.4%	0 0.0% e	48 29.3%	2 40.0%	
Employee productivity	22 25.6%	15 24.2%	10 21.7%		4 28.6%	1 14.3%	3 33.3%	2 11.8%	0 0.0%	43 26.2%	0 0.0%	
Rising wages and salaries	18 20.9%	17 27.4%	13 28.3%		4 28.6%	1 14.3%	0 0.0%	1 5.9%	2 25.0%	37 22.6%	2 40.0%	4 22.2%

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

N=243			Numb	er of Employ	ees				Foreign	Sales	
	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	72 29.6%	60 24.7%	13 5.3%	19 7.8%	7 2.9%	5 2.1%	14 5.8%	113 46.5%	93 38.3%	23 9.5%	5 2.1%
Difficulty attracting / retaining qualified employees	27 37.5% c	28 46.7%	9 69.2% a	11 57.9%	3 42.9%	1 20.0%	6 42.9%	50 44.2%	49 52.7%	7 30.4%	1 20.0%
Cost of benefits	23 31.9%	24 40.0%	7 53.8% g	7 36.8%	4 57.1%	0 0.0%	2 14.3% c	43 38.1% c	33 35.5% c	3 13.0% ab	0 0.0%
Government policies	19 26.4% G	17 28.3% g	1 7.7% G	4 21.1% g	3 42.9%	2 40.0%	9 64.3% AbCd	38 33.6%	26 28.0%	4 17.4%	3 60.0%
Regulatory requirements	24 33.3%	19 31.7%	5 38.5%	4 21.1%	1 14.3%	1 20.0%	6 42.9%	43 38.1% B	16 17.2% Ac	9 39.1% b	1 20.0%
Data security	23 31.9%	15 25.0%	3 23.1%	4 21.1%	3 42.9%	2 40.0%	6 42.9%	34 30.1%	27 29.0%	8 34.8%	0 0.0%
Employee productivity	14 19.4% f	17 28.3%	4 30.8%	4 21.1%	0 0.0% f	3 60.0% ae	2 14.3%	27 23.9%	22 23.7%	7 30.4%	0 0.0%
Rising wages and salaries	12 16.7% d	16 26.7%	3 23.1%	8 42.1% ag	2 28.6%	0 0.0%	1 7.1% d	27 23.9%	23 24.7%	6 26.1%	0 0.0%

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

N=243	Where are you personally located?										
			South		South						
	Midwest	Northeast	Central	Pacific	Atlantic	Mountain					
	US	US	US	US	US	US					
	A	В	С	D	E	F					
Total	60	48	46	34	34	13					
Total	24.7%	_	18.9%	14.0%	14.0%	5.3%					
Difficulty attracting /											
retaining qualified	33	22	19	9	15	9					
employees	55.0%	45.8%	41.3%	26.5%	44.1%	69.2%					
	D			AF		D					
Cost of benefits	22	16	16	8	13	5					
	36.7%	33.3%	34.8%	23.5%	38.2%	38.5%					
Government policies	10	16	17	16	9	3					
•	16.7%	33.3%	37.0%	47.1%	26.5%	23.1%					
	bcD	а	a	Α							
Regulatory	21	13	15	6	12	3					
requirements	35.0%	27.1%	32.6%	17.6%	35.3%	23.1%					
Data security	14	15	17	8	10	5					
,	23.3%	31.3%	37.0%	23.5%	29.4%	38.5%					
Employee productivity	14	15	11	5	10	2					
, , ,	23.3%	31.3%	23.9%	14.7%	29.4%	15.4%					
Rising wages and	13	15	8	8	10	2					
salaries	21.7%	31.3%	17.4%	23.5%	29.4%	15.4%					

3a. During the past quarter, which items have been the most pressing concerns for your company's top management team?

N=243	Total						Indu	stry					
		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Corporate tax code	46 18.9%	5 18.5% d	5 20.0%	3 27.3%	_	2 28.6%	8 18.6% d	0 0.0%		9 18.0% d	2 13.3% d	1 16.7%	3 12.0% d
Access to capital	42 17.3%	5 18.5% el	6 24.0% jl	2 18.2% I		4 57.1% afIJL	9 20.9% el		23.1%	6 12.0% E	0 0.0% bdEg	1 16.7% I	0 0.0% abcDEfGhk
Weak demand for your products/services	40 16.5%	5 18.5%	4 16.0%	0 0.0% gh	11.1%	0 0.0% h	4 9.3% H		46.2%	10 20.0%	3 20.0%	0 0.0%	5 20.0%
Economic uncertainty	39 16.0%	4 14.8% I	9 36.0% Ij	1 9.1% i		2 28.6% I	11 25.6% I	0 0.0%	23.1%	0 0.0% ABcdEFHKL	1 6.7% b	1 16.7% I	4 16.0% I
Rising input or commodity costs	32 13.2%	3 11.1% i	2 8.0% i	3 27.3% F		0 0.0%	1 2.3% Cdl	_	_	17 34.0% abFhjl	1 6.7% i	1 16.7%	2 8.0% i
Employee morale	31 12.8%	4 14.8% G	0 0.0% dfGhkL	0 0.0% G	22.2%	0 0.0% g	7 16.3% bG	2 100.0% ABCeFIJI	23.1%	3 6.0% Gl	1 6.7% G	1 16.7% b	7 28.0% Bgi
Cost of borrowing	26 10.7%	0 0.0% BCk	6 24.0% A	3 27.3% A	0.0%	1 14.3%	5 11.6%	0 0.0%		4 8.0%	2 13.3%	1 16.7% a	3 12.0%
Inflation	15 6.2%	0 0.0% ik	2 8.0%	1 9.1%		0 0.0%	1 2.3% i	0 0.0%	_	7 14.0% af	0 0.0%	1 16.7% a	2 8.0%

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

N=243			S	ales Revenue						Ownership	p							
	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E						
Corporate tax code	13 15.1%	8 12.9% ef	21.7%		5 35.7% b	3 42.9% b	3 33.3%	6 35.3% e	2 25.0%	34 20.7%	0 0.0%							
Access to capital	15 17.4%	9 14.5%			3 21.4%	1 14.3%	1 11.1%	4 23.5%	1 12.5%	32 19.5%	0 0.0%	1 5.6%						
Weak demand for your products/services	17 19.8%	8 12.9%			3 21.4%	0 0.0%	0 0.0%	2 11.8% b	4 50.0% ace	27 16.5% b	1 20.0%	2 11.1% b						
Economic uncertainty	23 26.7% B	4 6.5% A	13.0%		2 14.3%	1 14.3%	1 11.1%	4 23.5%	2 25.0%	23 14.0%	0 0.0%							
Rising input or commodity costs	5 5.8% bE	12 19.4% a	15.2%		4 28.6% A	1 14.3%	2 22.2%	4 23.5%	2 25.0%	20 12.2%	0 0.0%							
Employee morale	15 17.4% c	7 11.3%		25.0%	2 14.3%	1 14.3%	1 11.1%	2 11.8%	1 12.5%	19 11.6%	2 40.0%							
Cost of borrowing	11 12.8%	6 9.7% d	10.9%		0 0.0% d	0 0.0%	0 0.0%	0 0.0%	1 12.5%	24 14.6%	0 0.0%							
Inflation	3 3.5% C	2 3.2% c	17.4%	0.0%	0 0.0%	1 14.3%	1 11.1%	3 17.6% c	0 0.0%	8 4.9% a	0 0.0%							

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

N=243 Number of Employees									Foreign	Sales	More than 50% D				
	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	than 50%				
Corporate tax code	14 19.4%	11 18.3%	3 23.1%	4 21.1%	3 42.9%	1 20.0%	6 42.9%	22 19.5%	16 17.2%	6 26.1%	1 20.0%				
Access to capital	15 20.8%	9 15.0%	3 23.1%	3 15.8%	1 14.3%	1 20.0%	0 0.0%	22 19.5%	12 12.9%	4 17.4%	2 40.0%				
Weak demand for your products/services	12 16.7%	7 11.7% c	5 38.5% bg	4 21.1%	2 28.6% g	1 20.0%	0 0.0% ce	13 11.5% c	18 19.4%	7 30.4% a	1 20.0%				
Economic uncertainty	16 22.2% b	5 8.3% a	1 7.7%	2 10.5%	0 0.0%	0 0.0%	2 14.3%	22 19.5%	13 14.0%	2 8.7%	1 20.0%				
Rising input or commodity costs	7 9.7% f	9 15.0%	1 7.7%	1 5.3% f	1 14.3%	2 40.0% ad	4 28.6%	11 9.7% d	15 16.1%	4 17.4%	2 40.0% a				
Employee morale	10 13.9%	7 11.7%	1 7.7%	2 10.5%	1 14.3%	2 40.0% g	0 0.0% f	15 13.3%	9 9.7% c	6 26.1% b	0 0.0%				
Cost of borrowing	11 15.3%	5 8.3%	2 15.4%	2 10.5%	1 14.3%	0 0.0%	1 7.1%	13 11.5%	11 11.8%	2 8.7%	0 0.0%				
Inflation	3 4.2%	4 6.7%	0 0.0%	3 15.8%	0 0.0%	1 20.0%	1 7.1%	5 4.4%	8 8.6%	1 4.3%	1 20.0%				

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

N=243		Where	e are you per	sonally locat	ed?	
			South		South	_
	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	A	В	С	D	E	F
Corporate tax code	14	11	7	4	6	3
,	23.3%	22.9%	15.2%	11.8%	17.6%	23.1%
Access to capital	8	4	11	10	5	2
, , , , , , , , , , , , , , , , , , ,	13.3%	8.3%	23.9%	29.4%	14.7%	15.4%
		cd	b	b		
Weak demand for	15	8	6	5	4	1
your products/services	25.0%	16.7%	13.0%	14.7%	11.8%	7.7%
Economic uncertainty	8	3	8	10	7	2
·	13.3%	6.3%	17.4%	29.4%	20.6%	15.4%
		D		В		
Rising input or	11	5	5	7	2	2
commodity costs	18.3%	10.4%	10.9%	20.6%	5.9%	15.4%
Employee morale	5	7	7	2	5	4
	8.3%	14.6%	15.2%	5.9%	14.7%	30.8%
	f			f		ad
Cost of borrowing	7	6	6	2	5	0
	11.7%	12.5%	13.0%	5.9%	14.7%	0.0%
Inflation	7	5	0	2	1	0
	11.7%	10.4%	0.0%	5.9%	2.9%	0.0%
	С	С	ab			

3a. During the past quarter, which items have been the most pressing concerns for your company's top management team?

N=243	Total						Indu	stry					
		Retail/ Whole-	Bank/Fin Insur Real	Mining Construc-	Trans- portation		Service Consult-	Commun- ications	Tech Soft- Hardware	Manufac-	Health- care	Agr, Pub	Other
		sale A	Estate B	tion C	Pub. Util D	Energy E	ing F	Media G	Bio H	turing I	Pharm J	Admin K	Industry L
Currency risk	9 3.7%	1 3.7%	0 0.0% k	0.0%	0 0.0%	0 0.0%	0 0.0% K	0 0.0%		4 8.0%	0 0.0%	1 16.7% bF	1 4.0%
Geopolitical / health crises	8 3.3%	0 0.0%	1 4.0%	0 0.0%	0 0.0%	0 0.0%	1 2.3%	0 0.0%		0 0.0% I	1 6.7%	0 0.0%	2 8.0% i
Other	6 2.5%	1 3.7%	0 0.0%		0 0.0%	0 0.0%	1 2.3%	0 0.0%			0 0.0%	0 0.0%	2 8.0%
Deflation	1 0.4%	0 0.0%	0 0.0%		0 0.0%	0 0.0%	0 0.0%	0 0.0%		0 0.0%	0 0.0%	0 0.0%	0 0.0%

3a. During the past quarter, which items have been the most pressing concerns for your company's top management team?

N=243			S	ales Revenue	!					Ownership		
	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Currency risk	0 0.0% CD	1 1.6% c		12.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	5 3.0%	0 0.0%	0 0.0%
Geopolitical / health crises	3 3.5%	1 1.6%			0 0.0%	1 14.3%	0 0.0%	0 0.0%	0 0.0%	3 1.8% e	0 0.0%	2 11.1% c
Other	3 3.5%	2 3.2%	0 0.0%	_	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	5 3.0%	0 0.0%	1 5.6%
Deflation	1 1.2%	0 0.0%		_	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

3a. During the past quarter, which items have been the most pressing concerns for your company's top management team?

N=243			Numb	er of Employ	rees				Foreign	Sales	
	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Currency risk	2 2.8%	1 1.7%	1 7.7%	2 10.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0% BC	6 6.5% A	2 8.7% A	0 0.0%
Geopolitical / health crises	2 2.8%	1 1.7%	0 0.0%	1 5.3%	0 0.0%	0 0.0%	1 7.1%	3 2.7%	2 2.2%	1 4.3%	0 0.0%
Other	3 4.2%	2 3.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 7.1%	3 2.7% d	2 2.2% d	0 0.0% d	1 20.0% abc
Deflation	1 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	0 0.0%	0 0.0%

3a. During the past quarter, which items have been the most pressing concerns for your company's top management team?

N=243	Where are you personally located?										
			South		South	_					
	Midwest	Northeast	Central	Pacific	Atlantic	Mountain					
	US	US	US	US	US	US					
	Α	В	С	D	E	F					
		•		•							
Currency risk	3	2	1	2	0	0					
	5.0%	4.2%	2.2%	5.9%	0.0%	0.0%					
Geopolitical / health	2	2	1	0	1	0					
crises	3.3%	4.2%	2.2%	0.0%	2.9%	0.0%					
Other	1	2	0	2	1	0					
	1.7%	4.2%	0.0%	5.9%	2.9%	0.0%					
Deflation	0	0	0	0	0	1					
	0.0%	0.0%	0.0%	0.0%	0.0%	7.7%					
	f					а					

N=245	Total						Indu	stry					
Mean Median		Retail/ Whole- sale	Bank/Fin Insur Real Estate	Mining Construc- tion	Trans- portation Pub. Util	Energy	Service Consult- ing	Commun- ications Media	Tech Soft- Hardware Bio	Manufac- turing	Health- care Pharm	Agr, Pub Admin	Other Industry
Number	245	27	25	11	9	8	44	2		50	15	6	25
Percent	100.0%	11.5%	10.6%	4.7%	3.8%	3.4%	18.7%	0.9%	5.5%	21.3%	6.4%	2.6%	10.6%
Earnings	8.81 5.00	9.97 7.50	8.96 4.00	15.78 7.50		21.00 20.00	5.38 5.00			9.71 10.00	6.38 5.00	1.50 5.00	5.26 10.00
Revenue	8.70 7.00	6.90 7.90	8.11 5.00	13.00 13.50		12.20 12.50	7.88 5.00			7.83 9.00	3.50 6.00	3.50 4.00	6.31 4.00
Capital spending	8.59 5.00	14.27 6.50	8.89 5.00	10.10 10.00		21.71 25.00	7.25 3.00			7.30 5.00	3.50 0.00	-1.00 2.50	6.83 0.00
Health care costs	8.15 7.00	8.21 8.00	7.37 7.00	10.35 10.00		10.94 9.00	7.52 7.50			8.29 7.05	8.67 8.00	5.83 6.00	7.98 5.00
Technology spending	7.63 5.00	6.93 5.00	6.11 5.00	8.10 5.00		6.25 5.00	8.30 5.00			8.53 3.00	5.64 4.50	-1.25 0.00	4.37 3.50
Marketing/ advertising spending	5.54 3.00	8.71 5.00	6.50 5.00	6.11 7.50		7.00 10.00	6.42 3.50			2.24 0.50	2.45 1.00	4.25 7.00	4.26 1.50
Wages/Salaries	4.28 3.00	4.45 4.00	3.21 3.00	2.68 3.25		4.43 5.00	5.87 3.75	6.50 1.00		3.96 3.00	3.50 3.00	3.08 3.00	3.23 3.00
Research and development spending	4.00 0.00	2.42 0.00	4.23 0.00	4.88 0.00		12.67 19.00	4.08 0.00			4.10 2.00	2.82 0.50	0.50 0.00	2.07 0.00
Number of domestic full-time employees	3.77 2.00	3.21 2.00	1.37 0.00	2.80 5.00		5.60 7.50	3.00 1.00	10.00 1.00		3.11 2.00	3.79 5.00	2.50 5.00	4.10 2.00
Prices of your products	2.72 2.00	3.32 3.00	2.26 1.75	3.13 3.00		4.50 3.00	2.86 2.00			2.83 3.00	2.88 3.00	0.70 2.75	3.61 3.00

N=245			S	ales Revenue					(Ownership		
Mean	Less than						More		Public,			
Median	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
Number	88	62	46	8	14	7	9	17	8	166	5	18
Percent	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
Earnings	9.33	6.14	10.81	9.20	6.41	10.17	16.22	12.98	1.28	9.93	4.50	0.51
	5.00	6.00	8.00	11.50	5.00	10.00	10.50	10.00	10.00	8.00	1.00	1.00
Revenue	9.06	9.01	8.55	7.67	6.57	6.00	8.00	6.60	7.14	9.81	4.00	2.06
	5.00	9.00	7.95	8.00	6.00	5.00	10.00	7.00	9.00	8.00	1.00	1.00
Capital spending	11.80	6.05	7.60	5.43	14.58	10.50	6.88	7.00	25.77	9.46	15.00	11.38
	4.00	3.50	5.00	2.50	10.00	10.00	5.00	10.00	10.00	5.00	30.00	2.50
Health care costs	8.94	8.57	8.50	9.00	5.85	6.17	2.78	5.13	5.00	8.54	6.00	10.50
	8.00	8.00	7.10	9.00	5.50	7.00	3.50	5.00	4.00	7.55	6.00	10.00
Technology spending	7.46	8.90	6.93	0.83	12.71	8.00	6.38	4.93	20.87	8.02	4.00	5.87
	5.00	5.00	5.00	0.00	5.00	10.00	5.00	5.00	11.00	5.00	1.00	3.00
Marketing/	6.73	5.93	4.94	0.83	4.80	0.00	4.00	3.64	4.67	5.66	1.00	6.81
advertising spending	5.00	2.00	3.50	0.00	3.00	0.00	1.00	2.00	3.00	3.00	1.00	3.00
Wages/Salaries	3.99	5.56	4.04	3.86	3.42	2.67	2.33	2.66	3.63	4.58	3.10	3.64
-	3.00	4.00	3.00	4.00	3.00	3.00	3.50	3.00	4.00	3.00	3.25	3.00
Research and	4.28	5.16	3.04	2.80	2.44	4.00	3.00	2.47	5.00	4.52	0.00	2.27
development spending	0.00	2.00	0.00	2.00	0.50	2.50	2.00	0.50	5.00	0.00	1.00	0.00
Number of domestic	3.47	5.11	3.79	3.50	2.08	0.00	2.57	1.36	0.71	4.06	4.50	2.88
full-time employees	1.00	4.00	3.00	6.00	1.50	1.00	0.00	0.00	3.50	2.00	1.00	2.00
Prices of your products	2.42	3.24	2.63	1.92	3.49	2.67	2.50	2.53	0.67	2.92	1.83	2.32
	2.00	3.00	2.00	3.00	3.00	2.00	3.00	2.00	2.00	3.00	2.75	1.75

N=245			Numb	er of Employ	ees				Foreign	Sales	
Mean							More				
Median	Fewer	100-	500-	1000-	2500-	5000-	than				More
	than 100	499	999	2499	4999	9999	10,000	0%	1-24%	25-50%	than 50%
Number	74	60	13	19	7	5	14	115	93	23	5
Percent	38.5%	31.3%	6.8%	9.9%	3.6%	2.6%	7.3%	48.7%	39.4%	9.7%	2.1%
Earnings	11.86	5.62	8.30	8.52	1.14	15.25	15.08	8.57	9.20	10.30	7.50
-	5.00	5.00	8.00	10.00	5.00	15.00	10.00	5.00	7.00	10.00	5.00
Revenue	11.25	7.19	7.33	7.11	4.29	11.00	8.00	8.33	8.82	9.19	10.00
	10.00	5.00	12.00	6.00	6.50	15.00	8.00	5.00	7.95	7.00	7.50
Capital spending	15.31	6.20	5.80	20.37	-5.00	15.00	6.36	7.99	11.98	5.53	-2.50
	5.00	5.00	5.00	10.00	0.00	10.00	7.50	3.00	5.00	5.00	5.00
Health care costs	9.51	8.15	7.27	7.89	7.29	6.33	4.23	9.22	7.44	6.59	3.67
	10.00	7.00	9.00	7.50	8.50	8.50	4.00	8.00	7.00	5.00	4.50
Technology spending	9.94	5.92	6.36	10.69	2.00	3.33	8.60	5.72	9.67	9.28	7.75
	5.00	5.00	4.50	5.00	0.00	10.00	5.00	5.00	5.00	5.00	5.00
Marketing/	8.50	4.17	2.55	5.88	2.29	-0.67	3.44	5.59	5.14	6.66	
advertising spending	5.00	3.00	2.00	5.00	3.00	1.50	1.00	2.00	3.00	3.00	4.00
Wages/Salaries	4.73	4.49	3.38	3.92	4.00	0.33	3.25	4.36	4.42	3.52	
	3.50	3.00	3.00	3.75	4.50	3.00	3.00	3.00	3.50	3.00	4.50
Research and	4.79	2.89	2.78	6.00	0.00	5.00	2.90	2.86	4.66	5.16	
development spending	0.00	0.00	3.50	0.00	0.00	7.50	2.00	0.00	2.00	3.00	4.50
Number of domestic	4.08	4.40	5.00	3.72	0.67	1.33	0.40	3.34	4.85	1.55	
full-time employees	1.50	2.50	4.00	2.00	4.00	2.00	0.00	1.00	2.50	0.00	2.00
Prices of your products	3.10	2.52	2.20	2.47	1.57	7.22	2.25	2.48	2.51	4.58	5.00
	2.00	3.00	3.00	3.00	2.00	10.00	3.00	2.00	2.00	3.00	6.50

N=245	Where are you personally located?									
Mean	•		South		South					
Median	Midwest	Northeast	Central	Pacific	Atlantic	Mountain				
	US	US	US	US	US	US				
	•									
Number	60	49	46	35	34	13				
Percent	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%				
Earnings	6.40		10.72	9.09	13.34	4.41				
	5.00	5.00	10.00	10.00	10.00	5.00				
Revenue	5.85		7.72	12.17	11.20	7.55				
	5.00	7.00	7.00	10.00	8.00	8.00				
0 " 1 "	4.50	42.76	0.07	7.54	0.40	47.75				
Capital spending	4.58		9.27	7.54	9.42	17.75				
	3.00	7.50	5.00	3.00	5.00	3.00				
Health care costs	8.03	7.48	8.54	8.50	9.18	6.75				
Health Care Costs	7.00		8.00	8.00	8.50	6.00				
	7.00	6.00	8.00	8.00	6.50	6.00				
Technology spending	8.79	8.77	4.01	9.12	6.40	8.40				
recimology sperialing	5.00	_	3.20	5.00	5.00	6.00				
	5.55	5.55	5.25	5.55	5.55	0.00				
Marketing/	4.70	6.56	4.42	5.89	5.75	6.40				
advertising spending	3.00	3.00	2.50	5.00	3.00	1.00				
0.										
Wages/Salaries	4.30	4.70	4.11	3.56	4.53	4.46				
	3.00	3.00	3.50	3.50	3.00	3.00				
Research and	4.51	4.88	2.07	5.15	3.24	2.18				
development	2.00	0.00	0.00	1.50	0.00	0.00				
spending										
Number of domestic	3.11		4.29	1.68	6.06	3.00				
full-time employees	2.00	2.00	1.00	0.00	5.00	3.50				
Dutana afarana ana da d	2.42	2.40	2.70	2.04	4	2.25				
Prices of your products	2.42		3.76	2.94	1.77	2.25				
	2.50	2.00	2.00	3.50	2.00	2.00				

N=234	Total						Indu	stry					
Mean Median		Retail/ Whole-	Bank/Fin Insur Real	Mining Construc- tion	Trans- portation	Energy	Service Consult-	Commun- ications	Tech Soft- Hardware Bio	Manufac-	Health- care Pharm	Agr, Pub Admin	Other
		sale	Estate	tion	Pub. Util	Energy	ing	Media	ыо	turing	Pnam	Aumin	Industry
Capital spending	10.97	44.93	-1.93	3.17	9.59	8.93	4.41	2.50	-35.00	6.36	6.29	4.42	8.33
	10.00	30.00	-1.68	5.23	10.00	15.64	3.47	0.01	-9.06	5.00	10.00	2.82	5.00
Earnings	10.26	9.85	-8.77	14.34	9.83	24.99	3.25	7.50	13.64	10.39	13.28	9.50	8.70
201111160	10.00	11.87	-8.18	_		20.30	5.00				10.00	7.50	10.00
Technology spending	8.95	28.73	-1.77	7.06	4.15	2.58	4.83	5.50	4.20	4.53	16.53	4.43	7.55
reciniology spending	5.00	41.54	-1.52			5.00	4.54				19.66	4.13	9.97
Revenue	7.03	9.58	0.03	9.72	4.00	9.00	4.20	7.50	9.18	8.69	10.59	4.11	4.49
Revenue	7.03	10.00	-0.63			9.00	4.20 4.54				8.00	7.00	4.49
Marketing/	3.46	12.18	4.16			4.18	3.41				2.30	6.77	0.81
advertising spending	2.72	16.55	4.00	7.50	0.00	8.06	3.53	0.01	6.99	0.00	2.00	8.50	3.00
Prices of your products	2.98	3.59	0.70	2.55	0.18	4.40	1.41	0.00	-1.21	4.62	2.97	3.98	3.03
, ,	2.91	2.06	0.00	3.00	0.00	6.49	0.00	0.01	1.95	3.00	3.00	5.99	3.00
Research and	3.01	7.55	-3.00	0.95	0.12	1.19	2.04	5.00	2.51	4.23	5.21	1.78	1.28
development spending	0.00	11.53	-1.68			9.57	1.50				7.17	1.13	0.00

N=234			S	ales Revenue						Ownership		
Mean	Less than	¢3E 00	¢100 400	¢500,000	ć1 4 O	ĆE O O	More	Dublic	Public,		C = 1 = 1 = 1	
Median	\$25 million	\$25-99 million	\$100-499 million	\$500-999 million	\$1-4.9 billion	\$5-9.9 billion	than \$10 billion	Public, NYSE	Nasdaq/ AMEX	Private	Govern- ment	Nonprofit
Capital spending	11.80	6.05	7.60	5.43	14.58	10.50	6.87	6.93	46.40	9.22	29.48	0.09
	4.00	3.50	5.00	2.50	10.00	10.00	5.00	10.00	62.82	10.00	59.30	0.00
Earnings	9.33	6.14	10.81	9.20	6.41	10.17	16.22	10.61	1.23	15.59	4.50	1.13
	5.00	6.00	8.00	11.50	5.00	10.00	10.50	10.00	10.00	15.00	0.43	0.00
Technology spending	7.46	8.90	6.93	0.83	12.71	8.00	6.37	4.92	30.39	9.43	4.00	1.17
	5.00	5.00	5.00	0.00	5.00	10.00	5.00	3.12	11.06	5.00	0.43	0.00
Revenue	9.06	9.01	8.55	7.67	6.57	6.00	8.00	6.83	7.32	8.70	4.00	0.47
	5.00	9.00	7.95	8.00	6.00	5.00	10.00	8.00	8.06	7.96	0.43	0.00
Marketing/	6.73	5.93	4.94	0.83	4.80	0.00	4.00	3.12	3.57	3.88	1.00	3.82
advertising spending	5.00	2.00	3.50	0.00	3.00	0.00	1.00	2.00	0.00	5.00	0.43	4.00
Prices of your products	2.42	3.24	2.63	1.92	3.49	2.67	2.50	2.18	0.02	5.39	1.99	0.03
, .	2.00	3.00	2.00	3.00	3.00	2.00	3.00	2.00	1.51	3.00	2.75	0.00
Research and	4.28	5.16	3.04	2.80	2.44	4.00	3.00	2.53	4.90	4.84	0.00	0.04
development spending	0.00	2.00			0.50	2.50		0.50	0.00	5.00	0.43	

N=234			Numb	er of Employ	ees				Foreign	Sales	
Mean Median	Fewer than 100	100- 499	500- 999	1000- 2499	2500- 4999	5000- 9999	More than 10,000	0%	1-24%	25-50%	More than 50%
	tilali 100	499	333	2433	4333	9999	10,000	U76	1-24%	25-50%	tilali 50%
Capital spending	4.78	9.88	9.30	32.06	0.77	15.00	6.50	6.51	17.81	9.12	2.56
, , ,	3.00	5.00	16.54	12.44	0.00	10.00	10.00	10.00	10.00	10.00	5.00
Earnings	9.37	8.03	12.51	-0.95	-4.18	15.25	15.08	11.39	7.00	13.28	9.85
	5.00	5.00	18.75	5.00	2.81	15.00	10.00	10.00	5.00	12.74	5.00
Technology spending	11.13	6.83	14.79	31.66	-1.18	3.33	8.60	6.81	15.30	2.89	3.07
	10.00	4.12	21.41	5.00	0.00	10.00	5.00	5.00	10.00	5.00	3.06
Revenue	5.51	5.64	11.96	5.42	0.57	11.00	8.00	7.65	6.10	7.55	7.44
	1.65	5.00	15.00	3.55	3.12	15.00	8.00	8.00	5.00	8.50	9.84
Marketing/	1.44	3.78	7.93	7.25	2.04	-0.67	3.44	3.02	6.41	0.79	0.62
advertising spending	-0.38	3.00	11.86	8.81	3.00	1.50	1.00	0.00	3.03	2.50	2.06
Prices of your products	1.11	2.14	3.69	0.69	0.79	7.23	2.27	1.09	1.98	5.46	5.00
	0.00	2.00	6.13	3.00	0.62	10.00	3.00	0.00	2.00	3.00	6.50
Research and	3.35	1.89	8.04	7.18	-1.44	5.00	2.90	2.28	4.00	2.60	1.11
development spending	0.00	0.00	10.00	3.87	0.00	7.50	2.00	0.00	1.00	1.56	2.07

N=234		Where	e are you per	sonally locat	ed?	
Mean			South		South	_
Median	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
Capital spending	26.73	_	11.46	10.60	3.20	6.22
	5.00	10.00	10.00	16.69	3.63	9.57
Earnings	1.89	9.14	13.91	8.68	14.86	12.10
	5.00	_	10.00	10.00	10.00	7.99
Technology spending	25.03	5.41	0.83	5.86	9.90	4.51
	15.00	3.56	5.00	5.41	5.00	5.00
Revenue	4.81	8.31	8.14	6.30	7.36	4.50
Revenue	5.00		10.00	3.00	8.00	8.00
Marketing/	4.41	2.55	1.94	-1.23	7.61	-0.42
advertising spending	3.00	3.00	3.00	0.00	3.97	0.00
Prices of your products	0.93	4.37	5.06	2.50	2.04	0.13
Frices of your products	2.01	_	3.00	2.56	3.00	0.13
	2.01	2.00	3.00	2.50	3.00	0.00
Research and	5.30	1.38	3.21	1.96	3.57	0.03
development spending	2.97	0.00	0.00	0.00	0.00	0.00

N=192	Total						Indu	stry					
Mean			Bank/Fin										
Median		Retail/	Insur	Mining	Trans-		Service	Commun-	Tech Soft-		Health-		
		Whole-	Real	Construc-	portation		Consult-	ications	Hardware	Manufac-	care	Agr, Pub	Other
		sale	Estate	tion	Pub. Util	Energy	ing	Media	Bio	turing	Pharm	Admin	Industry
Health care	7.23	5.59	7.84	8.76	6.86	8.08	7.76	10.00	10.83	7.55	7.62	4.37	6.36
costs	6.00	6.17	7.00			6.70	7.06			7.00	8.00	4.88	5.00
Wages/	3.85	3.14	3.24	2.60	3.68	3.32	5.74	10.00	7.40	3.52	3.64	3.49	3.46
Salaries	3.00	4.00	3.00	3.65	3.80	3.94	3.03	5.00	4.70	3.00	3.34	3.94	3.00
Number of	3.03	4.99	1.52	4.33	-5.09	2.58	2.32	20.00	9.59	2.33	4.73	0.02	3.57
domestic full-	1.00	5.00	0.06	5.00	-0.30	2.60	0.00	8.00	7.13	1.00	5.00	-0.30	3.14
time													
employees													

N=192			S	ales Revenue					(Ownership		
Mean	Less than						More		Public,			
Median	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
Health care	9.28	8.30	8.33	8.78	7.63	6.46	2.78	4.25	6.24	8.00	5.94	11.08
costs	9.00	8.00	7.08	9.00	7.00	7.09	3.50	4.37	4.12	7.00	6.00	10.00
Wages/	4.08	5.17	4.16	3.88	3.66	2.76	2.33	2.28	3.67	4.47	3.16	3.52
Salaries	3.00	3.00	3.00	4.00	3.50	3.00	3.50	3.00	3.66	3.50	3.36	3.00
Number of	3.79	4.63	3.97	3.75	-0.81	0.03	2.57	1.84	-2.06	4.06	5.08	_
domestic full- time employees	2.00	2.00	4.44	6.00	2.00	1.03	0.00	0.10	-0.06	2.00	6.83	2.00

N=192			Numb	er of Employ	ees				Foreign	Sales	
Mean Median	Fewer than 100	100- 499	500- 999	1000- 2499	2500- 4999	5000- 9999	More than 10,000	0%	1-24%	25-50%	More than 50%
Health care	9.51 10.00	8.15 7.00	7.27	7.89	7.29	6.33	4.23	8.65	6.74	5.68	3.19
costs	4.73	4.49	9.00	7.50 3.92	8.50 4.00	8.50 0.33	4.00 3.25	7.63 4.17	6.00 4.29	5.39	4.10 2.82
Wages/ Salaries	3.50	3.00	3.00	3.92	4.50	3.00	3.00	3.00	3.00	1.96 3.59	3.31
Number of domestic full- time employees	4.08 1.50	4.40 2.50	5.00 4.00	3.72 2.00	0.67 4.00	1.33 2.00	0.40 0.00	2.74 1.00	4.84 3.00	0.38 0.00	-1.44 0.41

N=192		Where	e are you per	sonally locat	:ed?	
Mean			South		South	
Median	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
Health care	7.47	6.34	8.12	6.77	6.95	9.27
costs	7.00	5.17	8.00	5.00	7.81	7.89
Wages/	3.90	3.79	3.00	3.55	4.62	4.73
Salaries	3.00	3.00	3.00	4.00	4.00	4.00
Number of	2.81	2.64	3.41	0.68	7.31	-1.21
domestic full-	2.00	1.20	1.00	0.00	7.30	0.20
time						
employees						

N=127	Total						Indu	ıstry					
Mean			Bank/Fin										
Median		Retail/ Whole-	Insur Real	Mining Construc-	Trans- portation		Service Consult-	Commun- ications	Tech Soft- Hardware	Manufac-	Health- care	Agr, Pub	Other
		sale	Estate	tion	Pub. Util	Energy	ing	Media	Bio	turing	Pharm	Admin	Industry
Earnings	8.51	8.23	-14.39		11.53	10.00	5.00			12.50	7.50		10.33
	10.00	30.00	-5.95		14.69	7.50	5.00			15.00	6.97		10.50
Revenue	6.95	7.67	-3.51		5.48	8.00	8.00			8.75	10.50		5.66
	8.00	10.00	0.62		6.50	6.50	6.50			10.00	12.50		7.00

N=127			S	ales Revenue					(Ownership		
Mean	Less than						More		Public,			
Median	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
Earnings		-2.00	22.21		-2.55	11.20	15.71	10.61	1.23			
		4.00	30.82		5.00	10.50	10.00	10.00	10.00			
Revenue		4.50	7.33		5.00	7.00	8.83	6.83	7.32			
		0.01	8.50		6.00	6.50	10.00	8.00	8.06			

N=127			Numb			Foreign	Sales				
Mean Median	Fewer than 100	100- 499	500- 999	1000- 2499	2500- 4999	5000- 9999	More than 10,000	0%	1-24%	25-50%	More than 50%
Earnings		4.84 5.00		-12.46 5.00	-7.50 6.97	15.33 18.00	14.50 10.00	11.56 10.00	7.93 10.00	5.00 10.00	9.85 10.00
Revenue		4.98 7.50		3.32 3.12	0.00 6.97	9.67 12.50	8.56 9.00	8.44 8.00	6.20 6.60	6.50 10.00	7.42 7.50

N=127		Where	e are you per	sonally locat	:ed?	
Mean			South		South	
Median	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
Earnings	-13.97	9.33	6.04	8.33	21.67	20.00
	5.00	10.00	17.95	10.00	30.00	15.00
Revenue	4.73		6.63	5.33	7.67	8.00
	6.00	9.00	12.34	6.50	9.00	9.00

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2018

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%		9 3.8%	8 3.4%	44 18.7%	2 0.9%			15 6.4%	6 2.6%	25 10.6%
1-time bonus non-executives													
No	205 84.4%	22 81.5%	22 88.0%		8 88.9%	6 85.7%	35 79.5%	2 100.0%		46 92.0% c	12 80.0%	6 100.0%	21 84.0%
Yes	18 7.4%	2 7.4%	1 4.0%	2 18.2%	0 0.0%	0 0.0%	4 9.1%	0 0.0%			3 20.0%	0 0.0%	1 4.0%
Don't Know	20 8.2%	3 11.1%	2 8.0%		1 11.1%	1 14.3%	5 11.4%				0 0.0%	0 0.0%	3 12.0%

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2018

N=245			S	ales Revenue						Ownership		
Number Col %	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Total	88 37.6%	62 26.5%			14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	18 8.4%
1-time bonus non-executive	<u>s</u>											
No	77 88.5% df	52 83.9%		62.5%	12 85.7%	4 57.1% ac	6 66.7% c	13 76.5%	6 75.0%	139 84.2%	5 100.0%	16 88.9%
Yes	4 4.6% g	7 11.3%	1 2.2% g	12.5%	1 7.1%	1 14.3%	2 22.2% ac	2 11.8%	2 25.0%	12 7.3%	0 0.0%	1 5.6%
Don't Know	6 6.9%	3 4.8% df			1 7.1%	2 28.6% b	1 11.1%	2 11.8%	0 0.0%	14 8.5%	0 0.0%	1 5.6%

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2018

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74	60	13	19	7	5	14	115	93	23	5
	38.5%	31.3%	6.8%	9.9%	3.6%	2.6%	7.3%	48.7%	39.4%	9.7%	2.1%
1-time bonus non-executive	<u>2S</u>										
No	61	52	11	18	5	4	10	94	80	20	5
	83.6%	86.7%	84.6%	94.7%	71.4%	80.0%	71.4%	82.5%	86.0%	87.0%	100.0%
Yes	4	5	1	1	1	0	2	8	8	1	0
	5.5%	8.3%	7.7%	5.3%	14.3%	0.0%	14.3%	7.0%	8.6%	4.3%	0.0%
Don't Know	8	3	1	0	1	1	2	12	5	2	0
	11.0%	5.0%	7.7%	0.0%	14.3%	20.0%	14.3%	10.5%	5.4%	8.7%	0.0%

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2018

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
1-time bonus non-executives	<u> </u>					
No	52	38	40	32	28	10
	86.7%	79.2%	87.0%	91.4%	82.4%	76.9%
Yes	4	5	2	0	4	2
163	6.7%	10.4%	4.3%	0.0%	11.8%	15.4%
				ef	d	d
Don't Know	4	5	4	3	2	1
DOIT C KNOW	6.7%	10.4%	8.7%	8.6%	5.9%	7.7%

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2018

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%		9 3.8%	8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
1-time bonus executives													
No	210 87.1%	23 85.2%	22 88.0%		_	7 100.0%	36 83.7%				14 93.3%	6 100.0%	22 88.0%
Yes	12 5.0%	1 3.7%	2 8.0%			0 0.0%	2 4.7%				1 6.7%	0 0.0%	0 0.0% c
Don't Know	19 7.9%	3 11.1%	1 4.0%	2 18.2%		0 0.0%	5 11.6%	_			0 0.0%	0 0.0%	3 12.0%

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2018

N=245			S	Sales Revenue						Ownership		
Number Col %	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Total	88 37.6%	62 26.5%			14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	18 8.4%
1-time bonus executives												
No	75 86.2%	55 90.2%			13 92.9%	4 66.7%	7 77.8%	14 82.4%	7 87.5%	142 86.6%	5 100.0%	17 94.4%
Yes	4 4.6%	3 4.9%			1 7.1%	1 16.7%	1 11.1%	2 11.8%	1 12.5%	8 4.9%	0 0.0%	0 0.0%
Don't Know	8 9.2%	3 4.9%			0 0.0%	1 16.7%	1 11.1%	1 5.9%	0 0.0%	14 8.5%	0 0.0%	1 5.6%

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2018

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
1-time bonus executives											
No	60 82.2%	54 90.0%	12 92.3%	18 94.7%	5 71.4%	4 80.0%	11 84.6%	99 86.8%	80 87.0%	20 90.9%	5 100.0%
Yes	5 6.8%	2 3.3% E	0 0.0%	1 5.3%	2 28.6% B	0 0.0%	1 7.7%	4 3.5%	5 5.4%	2 9.1%	0 0.0%
Don't Know	8 11.0%	4 6.7%	1 7.7%	0 0.0%	0 0.0%	1 20.0%	1 7.7%	11 9.6%	7 7.6%	0 0.0%	0 0.0%

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2018

N=245 Where are you personally located?									
Number			South		South				
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain			
	US	US	US	US	US	US			
	Α	В	С	D	E	F			
Total	60	49	46	35	34	_			
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%			
1-time bonus executives									
No	54	39	41	30	30	11			
	91.5%	81.3%	91.1%	85.7%	88.2%	84.6%			
Yes	2	4	2	0	2	1			
	3.4%	8.3%	4.4%	0.0%	5.9%	_			
Don't Know	3	5	2	5	2	1			
Doncialow	5.1%	10.4%	4.4%	14.3%	5.9%				

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2018

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%			8 3.4%	44 18.7%			50 21.3%	15 6.4%	6 2.6%	25 10.6%
Special (1-time) dividend													
No	209 88.2%	22 84.6%	22 88.0% c	54.5%	88.9%	7 100.0%	37 86.0% c	100.0%		46 93.9% C	14 93.3% c	6 100.0%	22 91.7% c
Yes	7 3.0%	1 3.8%	2 8.0%		0.0%	0 0.0%	0 0.0% C	0.0%			0 0.0%	0 0.0%	0 0.0% c
Don't Know	21 8.9%	3 11.5%	1 4.0% c		11.1%	0 0.0%	6 14.0%				1 6.7%	0 0.0%	2 8.3%

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2018

N=245			S	ales Revenue			Ownership					
Number Col %	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Total	88 37.6%	62 26.5%			14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	18 8.4%
Special (1-time) dividend												
No	76 88.4% F	53 93.0% F	89.1%	87.5%	13 92.9% f	3 42.9% ABCe	8 88.9%	13 76.5%	7 87.5%	144 88.9%	5 100.0%	15 93.8%
Yes	3 3.5%	0 0.0% F	4.3%		0 0.0%	1 14.3% B	0 0.0%	1 5.9%	1 12.5%	4 2.5%	0 0.0%	0 0.0%
Don't Know	7 8.1% F	4 7.0% F		12.5%	1 7.1%	3 42.9% ABC	1 11.1%	3 17.6%	0 0.0%	14 8.6%	0 0.0%	1 6.3%

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2018

N=245			Foreign	Sales							
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Special (1-time) dividend											
No	62 86.1%	51 87.9%	12 100.0% f	18 94.7% f	6 85.7%	3 60.0% cd	12 85.7%	97 86.6%	82 91.1%	19 86.4%	5 100.0%
Yes	3 4.2%	1 1.7%	0 0.0%	1 5.3%	1 14.3%	0 0.0%	0 0.0%	3 2.7%	3 3.3%	0 0.0%	0 0.0%
Don't Know	7 9.7% f	6 10.3%	0 0.0% f	0 0.0% F	0 0.0%	2 40.0% acD	2 14.3%	12 10.7%	5 5.6%	3 13.6%	0 0.0%

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2018

N=245	Where are you personally located?											
Number			South		South							
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain						
	US	US	US	US	US	US						
	Α	В	С	D	E	F						
Total	60	49	46	35	34	13						
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%						
Special (1-time) dividend												
No	52	37	42	31	30	12						
	86.7%	84.1%	93.3%	88.6%	90.9%	92.3%						
Yes	2	1	0	2	1	0						
	3.3%	2.3%	0.0%	5.7%	3.0%	0.0%						
Don't Know	6	6	3	2	2	1						
	10.0%	13.6%	6.7%	5.7%	6.1%	7.7%						

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%		8 3.4%	44 18.7%	2 0.9%			15 6.4%	6 2.6%	25 10.6%
Non-executive wages/salaries													
Down	1 0.4%	0 0.0%	0 0.0%			0 0.0%	0 0.0%				0 0.0%	0 0.0%	0 0.0%
No Change	129 55.6%	14 56.0%	13 52.0%	3 30.0% h	75.0%	3 42.9%	27 61.4%	0 0.0%		56.3%	7 50.0%	2 33.3%	14 58.3%
Up	102 44.0%	11 44.0%	12 48.0%		25.0%	4 57.1%	17 38.6%	2 100.0%		43.8%	7 50.0%	4 66.7%	10 41.7%
Mean	0.44	0.44	0.48	0.70 h		0.57	0.39	1.00	0.23 c		0.50	0.67	0.42

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25 million	\$25-99 million	\$100-499 million	\$500-999 million	\$1-4.9 billion	\$5-9.9 billion	than \$10 billion	Public, NYSE	Nasdaq/ AMEX	Private	Govern- ment	Nonprofit
	A	В	С	D	E	F	G	A	В	C	D	E
	1											
Total	88	62	46		14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
Non-executive wages/salari	<u>es</u>											
Down	1	0	0	0	0	0	0	0	0	1	0	0
	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%
No Change	43	34	26	3	9	4	6	13	5	86	1	9
	51.8%	54.8%	59.1%	37.5%	64.3%	66.7%	75.0%	81.3%	62.5%	54.1%	20.0%	52.9%
								cd		a	a	
Up	39	28	18	5	5	2	2	3	3	72	4	8
	47.0%	45.2%	40.9%	62.5%	35.7%	33.3%	25.0%	18.8%	37.5%	45.3%	80.0%	47.1%
								cd		a	a	
Mean	0.46	0.45	0.41	0.63	0.36	0.33	0.25	0.19	0.38	0.45	0.80	0.47
								D			Α	

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ	f Employees Foreign Sales								
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D		
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%		
Non-executive wages/salari	<u>es</u>												
Down	1 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.9%	0 0.0%	0 0.0%	0 0.0%		
No Change	37 52.1%	30 52.6%	5 41.7%	9 47.4%	5 71.4%	4 80.0%	10 76.9%	57 51.8% d	49 54.4% d	16 72.7%	5 100.0% ab		
Up	33 46.5%	27 47.4%	7 58.3%	10 52.6%	2 28.6%	1 20.0%	3 23.1%	52 47.3% d	41 45.6% d	6 27.3%	0 0.0% ab		
Mean	0.45	0.47	0.58	0.53	0.29	0.20	0.23	0.46	0.46	0.27	0.00		

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245	Where are you personally located?										
Number			South		South	_					
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain					
	US	US	US	US	US	US					
	Α	В	С	D	E	F					
Total	60	49	46	35	34	_					
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%					
Non-executive wages/salarie	<u>'S</u>										
Down	0	0	1	0	0	0					
	0.0%	0.0%	2.3%	0.0%	0.0%	0.0%					
No Change	34	23	22	20	20	8					
	59.6%	48.9%	50.0%	58.8%	58.8%	66.7%					
Up	23	24	21	14	14	4					
	40.4%	51.1%	47.7%	41.2%	41.2%	33.3%					
Mean	0.40	0.51	0.45	0.41	0.41	0.33					

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%			8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
Executive salaries													
Down	2 0.9%	0 0.0% c	0 0.0% c	20.0%	0.0%	0 0.0%	0 0.0% C	0.0%			0 0.0%	0 0.0%	0 0.0% c
No Change	162 70.7%	16 64.0% c	16 64.0% c	20.0%	87.5%	4 57.1%	32 72.7% Cg	0.0%	75.0%	84.4%	11 78.6% Cg	3 50.0%	18 75.0% Cg
Up	65 28.4%	9 36.0%	9 36.0%	6 60.0% I		3 42.9%	12 27.3% g	100.0%	25.0%		3 21.4% g	3 50.0%	6 25.0% g
Mean	0.28	0.36	0.36	0.40	0.13	0.43	0.27	1.00	0.25	0.16 k	0.21	0.50 i	0.25

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	<u>E</u>
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	
Executive salaries												
Down	1	0	1	0	0	0	0	0	0	2	0	0
	1.2%	0.0%	2.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%
No Change	56	48	27	3	10	5	6	13	7	111	2	12
	68.3%	80.0%	61.4%	37.5%	71.4%	100.0%	75.0%	86.7%	87.5%	71.2%	40.0%	70.6%
		cd	b	bf		d						
Up	25	12	16	5	4	0	2	2	1	43	3	5
	30.5%	20.0%	36.4%	62.5%	28.6%	0.0%	25.0%	13.3%	12.5%	27.6%	60.0%	29.4%
		d		bf		d						
Mean	0.29	0.20	0.34	0.63	0.29	0.00	0.25	0.13	0.13	0.26	0.60	0.29
		D		В				d			a	

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ	ees				Foreign	C D 3 23 % 9.7% 2.1 0 0 % 0.0% 0.0 5 16 % 76.2% 100.0 3 5				
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B		than 50%			
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%		5 2.1%			
Executive salaries														
Down	1 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.8%	0 0.0%		0 0.0%			
No Change	47 68.1%	40 71.4%	8 66.7%	13 68.4%	6 85.7%	3 75.0%	11 84.6%	72 66.1%	65 73.9%		5 100.0%			
Up	21 30.4%	16 28.6%	4 33.3%	6 31.6%	1 14.3%	1 25.0%	2 15.4%	35 32.1%	23 26.1%		0 0.0%			
Mean	0.29	0.29	0.33	0.32	0.14	0.25	0.15	0.30	0.26	0.24	0.00			

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	13
Total	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Executive salaries						
Down	0	0	0	1	1	0
	0.0%	0.0%	0.0%	2.9%	3.0%	0.0%
No Change	42	28	28	27	22	11
	76.4%	59.6%	65.1%	79.4%	66.7%	91.7%
		f				b
Up	13	19	15	6	10	1
·	23.6%	40.4%	34.9%	17.6%	30.3%	8.3%
		df		b		b
Mean	0.24	0.40 df	0.35	0.15 b	0.27	0.08 b

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%	9 3.8%	8 3.4%	44 18.7%			50 21.3%	15 6.4%	6 2.6%	25 10.6%
Fulltime U.S. employment													
Down	13 5.8%	3 11.5% i	1 4.3%	1 9.1% i		1 14.3% i	2 4.7%			0.0%	0 0.0%	1 16.7% I	0 0.0% dh
No Change	128 56.6%	11 42.3%	15 65.2%	6 54.5%		2 28.6%	23 53.5%				10 71.4%	3 50.0%	14 63.6%
Up	85 37.6%	12 46.2%	7 30.4%	4 36.4%	1 12.5%	4 57.1%	18 41.9%				4 28.6%	2 33.3%	8 36.4%
Mean	0.32	0.35	0.26	0.27	-0.13 fil	0.43	0.37 d		0.18	0.40 d	0.29	0.17	0.36 d

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	E
Total	88	62	46		14	7	9	17	8	166	5	
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
Fulltime U.S. employment												
Down	3	1	3	1	2	0	3	3	1	8	0	0
	3.7%	1.7%	6.8%	12.5%	14.3%	0.0%	37.5%	18.8%	14.3%	5.1%	0.0%	0.0%
	G	eG	g		b		ABc	С		а		
No Chango	47	26	27	2	7	2	2	0	4	07	2	11
No Change	47	36				22.20/	37.50/	8	4 57.10/	87	2	
	58.0%	61.0%	61.4%	37.5%	50.0%	33.3%	37.5%	50.0%	57.1%	55.8%	40.0%	68.8%
Up	31	22	14	4	5	4	2	5	2	61	3	5
•	38.3%	37.3%			35.7%	66.7%	25.0%	31.3%	28.6%	39.1%	60.0%	31.3%
Mean	0.35	0.36	0.25	0.38	0.21	0.67	-0.13	0.13	0.14	0.34	0.60	0.31
	g	g					ab					

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Fulltime U.S. employment											
Down	4 5.8% G	1 1.8% G	1 8.3%	0 0.0% g	1 14.3%	0 0.0%	4 30.8% ABd	7 6.5%	4 4.5%	2 10.0%	0 0.0%
No Change	38 55.1%	34 59.6%	4 33.3%	12 70.6%	3 42.9%	3 60.0%	6 46.2%	66 61.1%	44 49.4%	12 60.0%	4 80.0%
Up	27 39.1%	22 38.6%	7 58.3%	5 29.4%	3 42.9%	2 40.0%	3 23.1%	35 32.4%	41 46.1%	6 30.0%	1 20.0%
Mean	0.33 g	0.37 g	0.50	0.29	0.29	0.40	-0.08 ab	0.26	0.42	0.20	0.20

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	Е	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Fulltime U.S. employment						
Down	3	2	2	3	2	1
	5.4%	4.3%	4.4%	9.7%	5.9%	9.1%
No Change	35	27	23	18	17	6
	62.5%	58.7%	51.1%	58.1%	50.0%	54.5%
Up	18	17	20	10	15	4
	32.1%	37.0%	44.4%	32.3%	44.1%	36.4%
Mean	0.27	0.33	0.40	0.23	0.38	0.27

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%			8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
Regular dividend													
Down	5 2.4%	0 0.0%	0 0.0%			1 14.3% i	2 5.1%				1 8.3%	0 0.0%	0 0.0%
No Change	183 87.1%	21 91.3%	16 76.2%			6 85.7%	34 87.2%				11 91.7%	5 83.3%	19 95.0%
Up	22 10.5%	2 8.7%	5 23.8%			0 0.0%	3 7.7%	_	_		0 0.0%	1 16.7%	1 5.0%
Mean	0.08	0.09	0.24 efhj		0.29	-0.14 b	0.03 b		-0.08 b		-0.08 b	0.17	0.05

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	E
Total	88	62			14	7	9	17	8	166	5	
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
Regular dividend												
Down	1	2	0	1	0	0	0	0	0	4	0	1
	1.4%	3.7%	0.0%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	2.8%	0.0%	7.7%
	d		D	aC								
No Change	61	51	38	5	12	5	6	13	5	124	5	12
	85.9%	94.4%	88.4%	83.3%	85.7%	83.3%	66.7%	76.5%	71.4%	87.3%	100.0%	92.3%
		g					b					
Up	9	1	5	0	2	1	3	4	2	14	0	0
	12.7%	1.9%	11.6%	0.0%	14.3%	16.7%	33.3%	23.5%	28.6%	9.9%	0.0%	0.0%
	b	aceG	b		b		В					
Mean	0.11	-0.02	0.12	-0.17	0.14	0.17	0.33	0.24	0.29	0.07	0.00	-0.08
	b	aceG	b		b		В	е	е			ab

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ	rees				Foreign	Sales	More -50% than 50% C D					
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	than 50%					
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%							
Regular dividend																
Down	2 3.2%	1 2.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 3.3%	1 1.2%	1 4.3%	0 0.0%					
No Change	52 83.9%	46 90.2% f	11 100.0% f	17 89.5%	7 100.0%	2 50.0% bc	10 71.4%	80 87.0%	77 90.6% d	19 82.6%	3 60.0% b					
Up	8 12.9% f	4 7.8% fg	0 0.0% f	2 10.5%	0 0.0%	2 50.0% abc	4 28.6% b	9 9.8% d	7 8.2% d	3 13.0%	2 40.0% ab					
Mean	0.10	0.06 fg	0.00	0.11	0.00	0.50 b	0.29 b	0.07 d	0.07 d	0.09	0.40 ab					

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	_
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	13
lotai	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
	23.370	20.770	13.470	14.070	14.570	3.370
Regular dividend						
Down	2	1	1	1	0	0
	4.0%	2.5%	2.6%	3.1%	0.0%	0.0%
No Change	44	34	33	26	32	11
Tro change	88.0%	85.0%	84.6%	81.3%	97.0%	91.7%
				е	d	
Up	4	5	5	5	1	1
	8.0%	12.5%	12.8%	15.6%	3.0%	8.3%
Mean	0.04	0.10	0.10	0.13	0.03	0.08

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%			8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
Share repurchases													
Down	4 1.9%	0 0.0%	0 0.0%			1 14.3% i	2 5.1%				0 0.0%	0 0.0%	0 0.0%
No Change	189 90.0%	25 100.0% cDf	17 89.5%		71.4%	6 85.7%	32 82.1% ai				11 91.7%	6 100.0%	16 88.9%
Up	17 8.1%	0 0.0% cD	2 10.5%		28.6%	0 0.0%	5 12.8%				1 8.3%	0 0.0%	2 11.1%
Mean	0.06	0.00	0.11	0.18	0.29 i	-0.14	0.08	0.00	0.08	0.04 d	0.08	0.00	0.11

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			S	Sales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	Е	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%		6.0%	3.0%	3.8%	7.9%		77.6%	2.3%	
Share repurchases												
Down	1	0	0	1	0	0	0	0	0	3	0	0
	1.4%	0.0%	0.0%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	2.1%	0.0%	0.0%
	d	D	D	aBC								
No Change	68	51	39	5	12	2	8	13	2	134	5	13
	93.2%	94.4%	90.7%	83.3%	85.7%	40.0%	88.9%	76.5%	40.0%	91.8%	100.0%	100.0%
	F	F	F			ABC		С	CE	аВ		В
Up	4	3	4	0	2	3	1	4	3	9	0	0
	5.5%	5.6%	9.3%	0.0%	14.3%	60.0%	11.1%	23.5%	60.0%	6.2%	0.0%	0.0%
	F	F	F			ABC		С	CE	аВ		В
Mean	0.04	0.06	0.09	-0.17	0.14	0.60	0.11	0.24	0.60	0.04	0.00	0.00
	F	dF	F	bf	f	ABCde		С	С	аВ		

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Share repurchases											
Down	2 3.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.1%	1 1.2%	0 0.0%	0 0.0%
No Change	59 92.2% g	47 90.4%	11 100.0%	17 100.0% efg	5 71.4% d	3 75.0% d	9 69.2% ad	85 88.5%	77 91.7%	20 95.2%	4 80.0%
Up	3 4.7% eG	5 9.6%	0 0.0%	0 0.0% efg	2 28.6% ad	1 25.0% d	4 30.8% Ad	9 9.4%	6 7.1%	1 4.8%	1 20.0%
Mean	0.02 eG	0.10 g	0.00	0.00	0.29 a	0.25	0.31 Ab	0.07	0.06	0.05	0.20

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245		When	e are you per	sonally locat	ted?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	40	46	25	24	12
Total	60 25.3%		19.4%	35 14.8%	34 14.3%	_
	25.5%	20.7%	19.4%	14.8%	14.5%	5.5%
Share repurchases						
Down	0	1	1	1	0	0
	0.0%	2.5%	2.6%	3.2%	0.0%	0.0%
No Change	49	33	36	26	32	11
Ü	94.2%	82.5%	92.3%	83.9%	97.0%	91.7%
Up	3	6	2	4	1	1
Ор	5.8%	_	5.1%	12.9%	3.0%	
Mean	0.06	0.13	0.03	0.10	0.03	0.08

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%		9 3.8%	8 3.4%	44 18.7%			50 21.3%	15 6.4%	6 2.6%	25 10.6%
U.S. investment													
Down	9 4.1%	0 0.0% Dh	2 9.1% i			1 14.3% i	2 4.9% d				0 0.0%	0 0.0%	0 0.0% d
No Change	131 59.8%	17 65.4%	14 63.6%		3 42.9%	2 28.6% jl	26 63.4%				10 76.9% e	3 50.0%	15 75.0% ce
Up	79 36.1%	9 34.6%	6 27.3%		2 28.6%	4 57.1%	13 31.7%	0 0.0%			3 23.1%	3 50.0%	5 25.0% c
Mean	0.32	0.35	0.18 ci		0.00 i	0.43	0.27	0.00	0.08 ci		0.23 c	0.50	0.25 c

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			9	Sales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	Е	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%		6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	
U.S. investment												
Down	4	0	0	1	2	0	2	4	0	4	0	0
	5.1%	0.0%	0.0%	16.7%	14.3%	0.0%	25.0%	25.0%	0.0%	2.6%	0.0%	0.0%
	g	DEG	DeG	ВС	Вс		aBC	С		Α		
No Change	52	35	30	2	5	2	1	7	4	89	2	12
	65.8%	62.5%	68.2%	33.3%	35.7%	40.0%	12.5%	43.8%	57.1%	58.2%	40.0%	92.3%
	eG	G	eG		ac		ABC	е		е	е	acd
Up	23	21	14	3	7	3	5	5	3	60	3	1
	29.1%	37.5%	31.8%	50.0%	50.0%	60.0%	62.5%	31.3%	42.9%	39.2%	60.0%	7.7%
										е	е	cd
Mean	0.24	0.38	0.32	0.33	0.36	0.60	0.38	0.06	0.43	0.37	0.60	0.08
								С		a	е	d

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245	=245 Number of Employees									Sales					
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D				
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%				
U.S. investment															
Down	3 4.3%	0 0.0% cEG	1 8.3% b	1 5.6%	1 14.3% B	0 0.0%	2 16.7% B	5 4.9%	3 3.5%	1 4.5%	0 0.0%				
No Change	41 59.4%	37 69.8% g	5 41.7%	9 50.0%	3 42.9%	2 50.0%	4 33.3% b	65 63.7%	48 56.5%	11 50.0%	4 80.0%				
Up	25 36.2%	16 30.2%	6 50.0%	8 44.4%	3 42.9%	2 50.0%	6 50.0%	32 31.4%	34 40.0%	10 45.5%	1 20.0%				
Mean	0.32	0.30	0.42	0.39	0.29	0.50	0.33	0.26	0.36	0.41	0.20				

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245	Where are you personally located?											
Number			South		South							
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain						
	US	US	US	US	US	US						
	Α	В	С	D	E	F						
Total	60		46	35	34	_						
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%						
U.S. investment												
Down	2	2	1	2	2	0						
	3.8%	4.8%	2.4%	6.1%	5.9%	0.0%						
No Change	29	28	23	23	19	7						
	54.7%	_	56.1%	69.7%	55.9%							
Up	22	12	17	8	13	5						
Ор	41.5%		41.5%	24.2%	38.2%	_						
	12.570	20.070	.1.570	21.270	30.270	12.770						
Mean	0.38	0.24	0.39	0.18	0.32	0.42						

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%	9 3.8%	8 3.4%	44 18.7%			50 21.3%	15 6.4%	6 2.6%	25 10.6%
Foreign investment													
Down	12 5.6%	0 0.0%	1 4.5%	0 0.0%	0 0.0%	1 14.3%	3 7.5%				1 7.7%	0 0.0%	0 0.0%
No Change	179 84.0%	23 92.0% GH	18 81.8%		7 100.0% gh	5 71.4%	34 85.0% gh	0.0%	53.8%		12 92.3% gh	5 83.3%	16 94.1% gh
Up	22 10.3%	2 8.0% G	3 13.6% g		0 0.0% g	1 14.3%	3 7.5% Gh		30.8%	10.9%	0 0.0% Gh	1 16.7%	1 5.9% g
Mean	0.05	0.08	0.09	0.00	0.00	0.00	0.00	1.00	0.15	0.04	-0.08	0.17	0.06

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	
Foreign investment												
Down	3	2	0	3	1	1	1	2	0	9	0	0
	3.8%	3.8%	0.0%	60.0%	7.1%	33.3%	12.5%	14.3%	0.0%	6.0%	0.0%	0.0%
	Df	Df	DFg	ABCe	d	abC	С					
No Change	72	47	35	2	11	2	5	11	6	125	5	13
	90.0%	88.7%	81.4%	40.0%	78.6%	66.7%	62.5%	78.6%	100.0%	83.3%	100.0%	100.0%
	Dg	D	d	ABc			а					
Up	5	4	8	0	2	0	2	1	0	16	0	0
	6.3%	7.5%	18.6%	0.0%	14.3%	0.0%	25.0%	7.1%	0.0%	10.7%	0.0%	0.0%
	С		а									
Mean	0.03	0.04	0.19	-0.60	0.07	-0.33	0.13	-0.07	0.00	0.05	0.00	0.00
	cD	cD	abDf	ABCe	d	С						

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	
Foreign investment											
Down	4 6.0% E	2 3.9% E	1 9.1%	0 0.0% E	3 42.9% ABD	0 0.0%	1 8.3%	4 4.0%	4 4.7%	3 15.0%	
No Change	60 89.6% E	46 90.2% E	8 72.7%	16 84.2% e	3 42.9% ABd	2 100.0%	9 75.0%	92 92.9% bC	69 81.2% ac	12 60.0% Ab	75.0%
Up	3 4.5%	3 5.9%	2 18.2%	3 15.8%	1 14.3%	0 0.0%	2 16.7%	3 3.0% BCd	12 14.1% A	5 25.0% A	25.0%
Mean	-0.01	0.02	0.09	0.16	-0.29	0.00	0.08	-0.01 b	0.09 a	0.10	0.25

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245		When	e are you per	sonally locat	ted?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	_
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Foreign investment						
Down	3	3	3	0	1	1
	5.8%	7.5%	7.5%	0.0%	2.9%	8.3%
No Change	41	34	33	28	30	11
No change	78.8%	85.0%	82.5%	90.3%	88.2%	
	7 0.070	00.070	02.070	30.070	00.270	32.770
Up	8	3	4	3	3	0
	15.4%	7.5%	10.0%	9.7%	8.8%	0.0%
Mean	0.10	0.00	0.03	0.10	0.06	-0.08

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%			8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
<u>U.S. R&D</u>													
Down	5 2.3%	0 0.0%	1 4.5%			1 14.3% i	1 2.4%	0 0.0%			0 0.0%	0 0.0%	0 0.0%
No Change	158 72.5%	21 84.0% ghi	18 81.8% hi	70.0%	_	5 71.4%	32 78.0% hi	0.0%	46.2%	56.3%	10 83.3%	4 66.7%	18 85.7% ghi
Up	55 25.2%	4 16.0% gi	3 13.6% gi	30.0%		1 14.3%	8 19.5% i		38.5%		2 16.7%	2 33.3%	3 14.3% gi
Mean	0.23	0.16 i	0.09 I	0.30	0.14	0.00 i	0.17 I	1.00	0.23	0.44 aBeFl	0.17	0.33	0.14 i

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			9	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	A	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
U.S. R&D												
Down	2	0	0	2	1	0	0	1	0	4	0	0
	2.5%	0.0%	0.0%	33.3%	7.1%	0.0%	0.0%	5.9%	0.0%	2.6%	0.0%	0.0%
	D	D	D	ABC								
No Change	62	39	32	3	9	4	6	14	4	104	4	14
_	76.5%	72.2%	74.4%	50.0%	64.3%	80.0%	66.7%	82.4%	66.7%	68.9%	80.0%	100.0%
									е	е		bc
Up	17	15	11	1	4	1	3	2	2	43	1	0
·	21.0%	27.8%	25.6%	16.7%	28.6%	20.0%	33.3%	11.8%	33.3%	28.5%	20.0%	0.0%
									е	е		bc
Mean	0.19	0.28 d	0.26	-0.17 b	0.21	0.20	0.33	0.06	0.33	0.26	0.20	0.00

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ			Foreign Sales				
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
U.S. R&D											
Down	3 4.4%	0 0.0% cE	1 8.3% b	0 0.0%	1 14.3% B	0 0.0%	0 0.0%	3 3.0%	1 1.2%	1 4.5%	0 0.0%
No Change	49 72.1%	40 75.5%	6 50.0%	13 72.2%	6 85.7%	3 75.0%	9 69.2%	84 83.2% Bc	53 61.6% A	14 63.6% a	4 80.0%
Up	16 23.5%	13 24.5%	5 41.7%	5 27.8%	0 0.0%	1 25.0%	4 30.8%	14 13.9% Bc	32 37.2% A	7 31.8% a	1 20.0%
Mean	0.19	0.25 e	0.33	0.28 e	-0.14 bdg	0.25	0.31 e	0.11 B	0.36 A	0.27	0.20

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245										
Number			South		South					
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain				
	US	US	US	US	US	US				
	Α	В	С	D	E	F				
Total	60	49	46	35	34	13				
	25.3%		19.4%	14.8%	14.3%					
U.S. R&D										
Down	2	1	2	0	0	0				
	3.7%	2.4%	5.0%	0.0%	0.0%	0.0%				
No Change	35	27	30	26	28	10				
	64.8%	65.9%	75.0%	76.5%	82.4%	83.3%				
Up	17	13	8	8	6	2				
	31.5%	31.7%	20.0%	23.5%	17.6%	16.7%				
Mean	0.28	0.29	0.15	0.24	0.18	0.17				

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%			8 3.4%	44 18.7%			50 21.3%	15 6.4%	6 2.6%	25 10.6%
U.S. Debt													
Down	26 12.1%	4 16.0%	3 13.6%	0 0.0%		1 20.0%	6 14.6%			7 14.6%	1 8.3%	1 16.7%	1 4.8%
No Change	141 65.6%	17 68.0%	14 63.6% I			2 40.0% I	24 58.5% I			30 62.5% I	10 83.3% d	3 50.0% I	19 90.5% bDefgik
Up	48 22.3%	4 16.0% dg	5 22.7%			2 40.0% I	11 26.8% I		7.7%	22.9%	1 8.3% dg	2 33.3%	1 4.8% cDefG
Mean	0.10	0.00	0.09	0.40 I	0.43 I	0.20	0.12	1.00	0.00	0.08	0.00	0.17	0.00 cd

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			S	ales Revenue						Ownership		
Number Col %	Less than \$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	More than \$10	Public,	Public, Nasdaq/		Govern-	
	million A	million B	million C	million D	billion E	billion F	billion G	NYSE A	AMEX B	Private C	ment D	Nonprofit E
Total	88 37.6%	62 26.5%	46 19.7%		14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	18 8.4%
<u>U.S. Debt</u>												
Down	8 10.0% G	7 12.5% g		20.0%	1 8.3% g	0 0.0%	4 50.0% Abce	4 26.7%	1 20.0%	17 11.2%	0 0.0%	0 0.0%
No Change	53 66.3%	36 64.3%			6 50.0%	5 100.0% g	3 37.5% f	8 53.3% e	3 60.0%	96 63.2% e	4 80.0%	12 92.3% ac
Up	19 23.8%	13 23.2%	7 16.3%	1 20.0%	5 41.7%	0 0.0%	1 12.5%	3 20.0%	1 20.0%	39 25.7%	1 20.0%	1 7.7%
Mean	0.14 g	0.11 g	0.05	0.00	0.33 g	0.00	-0.38 abe	-0.07	0.00	0.14	0.20	0.08

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245	Number of Employees Foreign Sales										
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
U.S. Debt											
Down	6 9.0%	9 17.0%	1 9.1%	0 0.0% fg	0 0.0%	1 33.3% d	3 23.1% d	11 11.1%	11 12.8%	2 9.5%	2 40.0%
No Change	44 65.7%	34 64.2%	8 72.7%	12 70.6%	5 71.4%	2 66.7%	8 61.5%	62 62.6%	60 69.8%	13 61.9%	3 60.0%
Up	17 25.4%	10 18.9%	2 18.2%	5 29.4%	2 28.6%	0 0.0%	2 15.4%	26 26.3%	15 17.4%	6 28.6%	0 0.0%
Mean	0.16	0.02	0.09	0.29	0.29	-0.33	-0.08	0.15 d	0.05	0.19	-0.40 a

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245	Where are you personally located?											
Number			South		South							
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain						
	US	US	US	US	US	US						
	Α	В	С	D	E	F						
Total	60		46	35	34	_						
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%						
U.S. Debt												
Down	10	5	5	3	3	0						
	18.9%	11.9%	12.8%	9.4%	8.8%	0.0%						
No Change	32	26	23	24	26	8						
	60.4%	61.9%	59.0%	75.0%	76.5%	66.7%						
Up	11	11	11	5	5	4						
	20.8%	26.2%	28.2%	15.6%	14.7%	33.3%						
Mean	0.02	0.14	0.15	0.06	0.06	0.33						

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%		8 3.4%	44 18.7%		13 5.5%	50 21.3%	15 6.4%	6 2.6%	25 10.6%
Foreign debt													
Down	15 7.1%	0 0.0%	3 14.3%	0 0.0%		1 16.7%	3 7.3%			4 8.9%	0 0.0%	1 16.7%	1 5.3%
No Change	188 89.5%	23 95.8% e	18 85.7%	10 100.0%		4 66.7% aj	35 85.4%	1 100.0%	12 92.3%	40 88.9%	12 100.0% e	5 83.3%	17 89.5%
Up	7 3.3%	1 4.2%	0 0.0%	0 0.0%	_	1 16.7%	3 7.3%				0 0.0%	0 0.0%	1 5.3%
Mean	-0.04	0.04 b	-0.14 a	0.00	-0.14	0.00	0.00	0.00	-0.08	-0.07	0.00	-0.17	0.00

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			S	Sales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	Е	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%			6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	
Foreign debt												
Down	3	3	3	2	1	1	1	3	0	10	0	0
	3.8%	5.8%	7.0%	40.0%	7.7%	25.0%	12.5%	21.4%	0.0%	6.7%	0.0%	0.0%
	D	d	d	Abc								
No Change	72	49	39	3	11	3	6	10	5	133	5	13
	91.1%	94.2%	90.7%	60.0%	84.6%	75.0%	75.0%	71.4%	100.0%	89.3%	100.0%	100.0%
	d	d		ab				е				a
Up	4	0	1	. 0	1	0	1	1	0	6	0	0
	5.1%	0.0%	2.3%	0.0%	7.7%	0.0%	12.5%	7.1%	0.0%	4.0%	0.0%	0.0%
		eg			b		b					
Mean	0.01	-0.06	-0.05	-0.40	0.00	-0.25	0.00	-0.14	0.00	-0.03	0.00	0.00
	D	D	d	ABc								

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	
Foreign debt											
Down	3 4.5% e	2 3.9% e	2 18.2%	1 5.6%	2 28.6% ab	0 0.0%	1 7.7%	6 6.2%	6 7.2%	2 9.1%	
No Change	59 89.4%	49 96.1% ce	8 72.7% b	17 94.4%	5 71.4% b	2 100.0%	11 84.6%	89 91.8% D	76 91.6% D	17 77.3%	
Up	4 6.1%	0 0.0% c	1 9.1% b	0 0.0%	0 0.0%	0 0.0%	1 7.7%	2 2.1% cD	1 1.2% CD	3 13.6% aB	25.0%
Mean	0.02 e	-0.04 e	-0.09	-0.06	-0.29 ab	0.00	0.00	-0.04	-0.06	0.05	0.00

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245	Where are you personally located?											
Number			South		South							
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain						
	US	US	US	US	US	US						
•	Α	В	С	D	E	F						
Total	60	49	46	35	34	13						
Total	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%						
	23.370	20.770	13.170	11.070	11.570	3.370						
Foreign debt												
Down	5	3	5	1	1	0						
	9.6%	7.9%	12.5%	3.2%	2.9%	0.0%						
No Change	46	33	34	28	32	12						
	88.5%	86.8%	85.0%	90.3%	94.1%	100.0%						
Up	1	2	1	2	1	0						
	1.9%		2.5%	6.5%	2.9%	0.0%						
Mean	-0.08	-0.03	-0.10	0.03	0.00	0.00						
	0.00	0.00	0.20	0.00	0.00	0.00						

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	ıstry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%			8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
Domestic cash holdings													
Down	16 7.3%	4 16.7% i	1 4.3%	1 10.0%		0 0.0%	5 11.9%				0 0.0%	1 16.7%	0 0.0%
No Change	135 61.4%	14 58.3%	10 43.5% jl	30.0%	57.1%	4 57.1%	26 61.9%				11 84.6% bc	4 66.7%	16 80.0% bc
Up	69 31.4%	6 25.0%	12 52.2% fjl	60.0%	28.6%	3 42.9%	11 26.2% bc	0.0%		_	2 15.4% bc	1 16.7%	4 20.0% bc
Mean	0.24	0.08 b	0.48 af		0.14	0.43	0.14 b		0.15	0.35	0.15	0.00	0.20

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			S	ales Revenue						Ownership		
Number Col %	Less than \$25	\$25-99	\$100-499	\$500-999	ć1 4 O	\$5-9.9	More	Dublic	Public,		Covern	
COI %	۶۷۵ million	million	million	million	\$1-4.9 billion	55-9.9 billion	than \$10 billion	Public, NYSE	Nasdaq/ AMEX	Private	Govern- ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	<u>E</u>
Total	88 37.6%	62 26.5%			14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	18 8.4%
Domestic cash holdings												
Down	8	4			0	0	1	1	0	12	0	1
	9.8%	7.1%	4.5%	20.0%	0.0%	0.0%	12.5%	6.3%	0.0%	7.8%	0.0%	7.7%
No Change	48	39	27	0	9	3	4	9	4	91	4	11
	58.5% d	69.6% D			69.2% d	50.0%	50.0%	56.3%	57.1%	59.1%	80.0%	84.6%
					u							
Up	26	13			4	3	3	6	3	51	1	1
	31.7% d	23.2% D		80.0% aB	30.8%	50.0%	37.5%	37.5%	42.9%	33.1%	20.0%	7.7%
Mean	0.22	0.16	0.30	0.60	0.31	0.50	0.25	0.31	0.43	0.25	0.20	0.00

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ	ees			Foreign Sales				
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D	
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%	
Domestic cash holdings												
Down	8 11.6%	4 7.7%	1 8.3%	0 0.0% f	0 0.0%	1 33.3% dg	0 0.0% f	8 7.9%	4 4.5% c	4 19.0% b	0 0.0%	
No Change	38 55.1%	35 67.3% f	7 58.3%	13 68.4% f	3 42.9%	0 0.0% bdg	9 69.2% f	59 58.4%	58 65.2%	11 52.4%	3 60.0%	
Up	23 33.3%	13 25.0%	4 33.3%	6 31.6%	4 57.1%	2 66.7%	4 30.8%	34 33.7%	27 30.3%	6 28.6%	2 40.0%	
Mean	0.22	0.17	0.25	0.32	0.57	0.33	0.31	0.26	0.26	0.10	0.40	

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	13
Total	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Domestic cash holdings						
Down	2	3	3	1	5	2
	3.6%	7.3%	7.1%	3.1%	14.7%	16.7%
No Change	36	19	24	24	22	7
	64.3%	46.3%	57.1%	75.0%	64.7%	58.3%
		d		b		
Up	18	19	15	7	7	3
·	32.1%	46.3%	35.7%	21.9%	20.6%	25.0%
		de		b	b	
Mean	0.29	0.39 e	0.29	0.19	0.06 b	0.08

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%			8 3.4%	44 18.7%			50 21.3%	15 6.4%	6 2.6%	25 10.6%
<u>U.S. M&A</u>													
Down	3 1.4%	0 0.0%	0 0.0%			1 14.3% i	1 2.5%				0 0.0%	0 0.0%	0 0.0%
No Change	162 77.9%	17 81.0%	14 63.6% I		7 100.0% e	3 42.9% dijL	29 72.5% I			37 80.4% e	10 90.9% e	4 66.7%	19 95.0% bEf
Up	43 20.7%	4 19.0%	8 36.4% I			3 42.9% I	10 25.0%				1 9.1%	2 33.3%	1 5.0% be
Mean	0.19	0.19	0.36 hl		0.00	0.29	0.23	0.00	0.00 b	0.20	0.09	0.33	0.05 b

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	<u>E</u>
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
U.S. M&A												
Down	1	0	0	2	0	0	0	0	0	3	0	0
	1.3%	0.0%	0.0%	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	2.0%	0.0%	0.0%
	D	D	D	ABCe	d							
No Change	62	43	33	2	9	3	5	11	4	108	5	13
G	80.5%	76.8%	80.5%		75.0%	100.0%	71.4%	84.6%	66.7%	73.5%	100.0%	92.9%
	D	d	d	Abc								
Up	14	13	8	2	3	0	2	2	2	36	0	1
·	18.2%	23.2%			25.0%	0.0%	28.6%	15.4%	33.3%	24.5%	0.0%	7.1%
Mean	0.17	0.23	0.20	0.00	0.25	0.00	0.29	0.15	0.33	0.22	0.00	0.07

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245	Number of Employees Foreign Sales										
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
U.S. M&A											
Down	2 3.0%	0 0.0% c	1 9.1% b	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.1%	1 1.2%	0 0.0%	0 0.0%
No Change	53 79.1% c	41 80.4% c	5 45.5% abg	13 72.2%	4 66.7%	2 66.7%	10 90.9% c	79 81.4%	62 76.5%	14 66.7%	4 80.0%
Up	12 17.9% c	10 19.6%	5 45.5% a	5 27.8%	2 33.3%	1 33.3%	1 9.1%	16 16.5%	18 22.2%	7 33.3%	1 20.0%
Mean	0.15	0.20	0.36	0.28	0.33	0.33	0.09	0.14	0.21	0.33	0.20

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
U.S. M&A						
Down	1	1	1	0	0	0
	1.9%	2.8%	2.5%	0.0%	0.0%	0.0%
No Change	41	27	30	25	27	10
-	75.9%	75.0%	75.0%	78.1%	87.1%	83.3%
Up	12	8	9	7	4	2
•	22.2%	22.2%	22.5%	21.9%	12.9%	16.7%
Mean	0.20	0.19	0.20	0.22	0.13	0.17

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%		8 3.4%	44 18.7%	2 0.9%		50 21.3%	15 6.4%	6 2.6%	25 10.6%
Foreign M&A													
Down	9 4.5%	0 0.0%	2 10.5%	0 0.0%		1 14.3%	3 8.1%	0 0.0%			0 0.0%	0 0.0%	0 0.0%
No Change	180 90.0%	20 90.9% eg	16 84.2%		100.0%	4 57.1% acfijl	33 89.2% eg	0 0.0% acdfhIJL	91.7%	40 90.9% eG	12 100.0% eG	5 83.3%	19 95.0% eG
Up	11 5.5%	2 9.1% g	1 5.3% G	0 0.0% g	0.0%	2 28.6% fi	1 2.7% eG	1 100.0% aBcdFHIJL	0.0%		0 0.0% G	1 16.7%	1 5.0% G
Mean	0.01	0.09	-0.05	0.00	0.00	0.14	-0.05	1.00	-0.08	0.00	0.00	0.17	0.05

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	Е	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
TOtal	37.6%	26.5%			6.0%	3.0%		7.9%	3.7%	77.6%	2.3%	
	57.0%	20.5%	19.7%	5.4%	0.0%	3.0%	3.6%	7.5%	3.770	77.0%	2.5%	0.4%
Foreign M&A												
Down	3	2	0	3	1	0	0	1	0	8	0	0
	4.0%	3.7%			7.7%	0.0%	0.0%	7.7%	0.0%	5.7%	0.0%	0.0%
	D	D	D		d		d					
No Change	68	50	38	1	11	3	5	11	6	124	5	13
	90.7%	92.6%			84.6%	100.0%	_	84.6%	100.0%	87.9%	100.0%	
	D	D			d		С			2.1271		
Up	4	2			1	0	2	1	0	9	0	
	5.3%	3.7%			7.7%	0.0%		7.7%	0.0%	6.4%	0.0%	0.0%
	g	g	g				abc					
Mean	0.01	0.00	0.03	-0.40	0.00	0.00	0.29	0.00	0.00	0.01	0.00	0.00
	dg	dg					abC					
	_	_										

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ	ees				Foreign					
Number Col %	Fewer than 100	100- 499	500- 999	1000- 2499	2500- 4999	5000- 9999	More than 10,000	0%	1-24%		than 50%			
	A	В	С	D	E	F	<u> </u>	A	В	C	<u> </u>			
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%				
Foreign M&A														
Down	4 6.3% e	1 2.1% E	1 9.1%	0 0.0% e	2 33.3% aBd	0 0.0%	0 0.0%	5 5.3%	3 3.9%	1 4.8%	0 0.0%			
No Change	57 89.1%	46 95.8% e	9 81.8%	17 94.4%	4 66.7% b	2 100.0%	9 81.8%	88 92.6% c	70 90.9%	16 76.2% a	3 75.0%			
Up	3 4.7%	1 2.1% g	1 9.1%	1 5.6%	0 0.0%	0 0.0%	2 18.2% b	2 2.1% Cd	4 5.2% c	4 19.0% Ab	1 25.0% a			
Mean	-0.02 e	0.00 Eg	0.00	0.06 e	-0.33 aBdg	0.00	0.18 be	-0.03 c	0.01	0.14 a	0.25			

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
-	60	40	4.6	25	24	42
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Foreign M&A						
Down	3	2	3	0	0	1
	6.0%	5.9%	7.3%	0.0%	0.0%	8.3%
No Change	45	30	36	27	29	11
	90.0%	88.2%	87.8%	93.1%	90.6%	91.7%
Up	2	2	2	2	3	0
	4.0%	5.9%	4.9%	6.9%	9.4%	0.0%
Mean	-0.02	0.00	-0.02	0.07	0.09	-0.08

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%			8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
Pension contributions													
Down	4 1.8%	0 0.0%	0 0.0%			1 14.3% i	2 4.8%				0 0.0%	0 0.0%	0 0.0%
No Change	188 85.8%	25 96.2% ck	16 84.2%			6 85.7%	33 78.6%				12 92.3%	4 66.7% a	21 91.3%
Up	27 12.3%	1 3.8% ck	3 15.8%		0.0%	0 0.0%	7 16.7%	0 0.0%			1 7.7%	2 33.3% a	2 8.7%
Mean	0.11	0.04 ck	0.16	0.30 a		-0.14	0.12	0.00	0.08	0.11	0.08	0.33 a	0.09

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	Α	В	С	D	E	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
TOTAL	37.6%	26.5%			6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	
	37.0%	20.5%	19.7%	3.4%	0.0%	3.0%	3.0%	7.5%	3.770	77.0%	2.5%	0.470
Pension contributions												
Down	2	0	0	2	0	0	0	0	0	4	0	0
	2.5%	0.0%	0.0%	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	2.6%	0.0%	0.0%
	D	D	D	ABCe	d							
No Change	66	50	41	3	14	5	5	14	6	129	4	14
	82.5%	86.2%			100.0%	100.0%	_	87.5%	100.0%	84.9%	80.0%	
	C	d	aDG		dg	200.070	Ce	07.070	200.070	0	00.070	07.1070
Up	12	8	1	1	0	0	3	2	0	19	1	2
	15.0%	13.8%	2.4%	16.7%	0.0%	0.0%	37.5%	12.5%	0.0%	12.5%	20.0%	12.5%
	С		aG		g		Ce					
Mean	0.13	0.14	0.02	-0.17	0.00	0.00	0.38	0.13	0.00	0.10	0.20	0.13
		С					С					

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Pension contributions											
Down	3 4.3%	0 0.0% c	1 9.1% b	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 3.0%	1 1.1%	0 0.0%	0 0.0%
No Change	57 81.4%	47 85.5%	10 90.9%	16 88.9%	7 100.0%	4 100.0%	9 75.0%	84 83.2%	79 89.8%	18 85.7%	4 80.0%
Up	10 14.3%	8 14.5%	0 0.0%	2 11.1%	0 0.0%	0 0.0%	3 25.0%	14 13.9%	8 9.1%	3 14.3%	1 20.0%
Mean	0.10	0.15 c	-0.09 bg	0.11	0.00	0.00	0.25 c	0.11	0.08	0.14	0.20

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245		When	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	Е	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Pension contributions						
Down	1	2	1	0	0	0
	1.9%	4.7%	2.3%	0.0%	0.0%	0.0%
No Change	41	33	39	29	32	12
	78.8%	76.7%	90.7%	87.9%	97.0%	100.0%
	е	е			ab	
Up	10	8	3	4	1	0
- 1	19.2%	18.6%	7.0%	12.1%	3.0%	0.0%
	е	е			ab	
Mean	0.17	0.14	0.05	0.12	0.03	0.00

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%	9 3.8%	8 3.4%	44 18.7%			50 21.3%	15 6.4%	6 2.6%	25 10.6%
<u>Other</u>													
Down	1 1.9%	0 0.0%	0 0.0%	0 0.0%		1 33.3%	0 0.0%				0 0.0%	0 0.0%	0 0.0%
No Change	51 94.4%	6 100.0%	5 100.0%	3 100.0%		1 33.3% fi	10 100.0% e	0.0%			2 100.0%	1 100.0%	5 100.0%
Up	2 3.7%	0 0.0%	0 0.0%	0 0.0%	_	1 33.3%	0 0.0%				0 0.0%	0 0.0%	0 0.0%
Mean	0.02	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.08	0.00	0.00	0.00

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			S	Sales Revenue	1					Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
<u>Other</u>												
Down	0	0	0	1	0	0	0	0	0	1	0	0
	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.4%	0.0%	0.0%
	D	d	d	Abc								
No Change	23	14	13	0	1	0	0	2	0	38	0	5
	100.0%	100.0%	100.0%	0.0%	50.0%	0.0%	0.0%	100.0%	0.0%	92.7%	0.0%	100.0%
	DE	De	De	ABC	Abc							
Up	0	0	0	1	1	0	0	0	0	2	0	0
	0.0%	0.0%	0.0%	50.0%	50.0%	0.0%	0.0%	0.0%	0.0%	4.9%	0.0%	0.0%
	DE	de	de	Abc	Abc							
Mean	0.00	0.00	0.00	0.00	0.50			0.00		0.02		0.00

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	
<u>Other</u>											
Down	1 5.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 3.2%	0 0.0%	0 0.0%	
No Change	19 95.0% e	13 100.0% e	3 100.0%	4 80.0%	1 50.0% ab	0 0.0%	0 0.0%	29 93.5%	16 94.1%	4 100.0%	
Up	0 0.0% E	0 0.0% e	0 0.0%	1 20.0%	1 50.0% Ab	0 0.0%	0 0.0%	1 3.2%	1 5.9%	0 0.0%	
Mean	-0.05 e	0.00	0.00	0.20	0.50 a			0.00	0.06	0.00	0.00

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2018 AVERAGE SCORES - Don't Know excluded

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	13
Total	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
<u>Other</u>						
Down	0	0	1	0	0	0
	0.0%	0.0%	10.0%	0.0%	0.0%	0.0%
No Change	18	7	8	8	8	2
	100.0%	100.0%	80.0%	100.0%	100.0%	66.7%
	f					a
Up	0	0	1	0	0	1
	0.0%	0.0%	10.0%	0.0%	0.0%	33.3%
	f					а
Mean	0.00	0.00	0.00	0.00	0.00	0.33

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2019

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%		9 3.8%	8 3.4%	44 18.7%	2 0.9%		50 21.3%	15 6.4%	6 2.6%	25 10.6%
1-time bonus non-executives													
No	175 73.5%	19 70.4%	19 76.0%			5 71.4%	31 70.5%	2 100.0%		40 80.0%	8 57.1%	5 100.0%	19 76.0%
Yes	12 5.0%	3 11.1% i	0 0.0% j		0 0.0%	0 0.0%	4 9.1% i	0 0.0%			3 21.4% bll	0 0.0%	0 0.0% j
Don't Know	51 21.4%	5 18.5%	6 24.0%			2 28.6%	9 20.5%	0 0.0%		_	3 21.4%	0 0.0%	6 24.0%

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2019

		S	ales Revenue						Ownership		
Less than						More		Public,			
\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
million											Nonprofit
A	В	С	D	E	F	G	A	В	С	D	E
88	62	46	8	14	7	9	17	8	166	5	18
37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
<u>S</u>											
65	46	33	4	10	3	7	11	4	118	4	15
76.5%	76.7%	73.3%	50.0%	71.4%	42.9%	77.8%	64.7%	57.1%	72.4%	100.0%	83.3%
4	3	2	1	1	0	0	0	0	10	0	1
4.7%	5.0%	4.4%	12.5%	7.1%	0.0%	0.0%	0.0%	0.0%	6.1%	0.0%	5.6%
16	11	10	3	3	4	2	6	3	35	0	2
18.8% f	18.3% f	22.2%	37.5%	21.4%	57.1% ab	22.2%	35.3%	42.9%	21.5%	0.0%	11.1%
	\$25 million A 88 37.6% § 65 76.5% 4 4.7%	\$25 \$25-99 million million A B 88 62 37.6% 26.5% \$ 65 46 76.5% 76.7% 4 3 4.7% 5.0% 16 11	Less than \$25 \$25-99 \$100-499 million million million A B C 88 62 46 37.6% 26.5% 19.7% S 65 46 33 76.5% 76.7% 73.3% 4 3 2 4.7% 5.0% 4.4% 16 11 10	Less than \$25 \$25-99 \$100-499 \$500-999 million	\$25	Less than \$25 \$25-99 \$100-499 \$500-999 \$1-4.9 \$5-9.9 million million million million billion billion A B C D E F 88 62 46 8 14 7 37.6% 26.5% 19.7% 3.4% 6.0% 3.0% S 65 46 33 4 10 3 76.5% 76.7% 73.3% 50.0% 71.4% 42.9% 4 3 2 1 1 0 0 4.7% 5.0% 4.4% 12.5% 7.1% 0.0% 16 11 10 3 3 3 4 18.8% 18.3% 22.2% 37.5% 21.4% 57.1%	Less than \$25	Less than \$25 \$25-99 \$100-499 \$500-999 \$1-4.9 \$5-9.9 than \$10 Public, NYSE A 88 62 46 8 14 7 9 17 37.6% 26.5% 19.7% 3.4% 6.0% 3.0% 3.8% 7.9% 5 46 33 4 10 3 7 11 76.5% 76.7% 73.3% 50.0% 71.4% 42.9% 77.8% 64.7% 4 3 2 1 1 0 0 0 0 4.7% 5.0% 4.4% 12.5% 7.1% 0.0% 0.0% 0.0% 16 11 10 3 3 4 2 6 18.8% 18.3% 22.2% 37.5% 21.4% 57.1% 22.2% 35.3%	Less than \$25 \$25-99 \$100-499 \$500-999 \$1-4.9 \$5-9.9 than \$10 billion A B B B	Less than \$25 \$25-99 \$100-499 \$500-999 \$1-4.9 \$5-9.9 than \$10 Public, Nasdaq/ MILION MILION	Less than \$25

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2019

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74	60	13	19	7	5	14	115	93	23	5
	38.5%	31.3%	6.8%	9.9%	3.6%	2.6%	7.3%	48.7%	39.4%	9.7%	2.1%
1-time bonus non-executive	<u>es</u>										
No	55	43	9	16	4	3	10	80	64	20	5
	77.5%	75.4%	69.2%	84.2%	57.1%	60.0%	71.4%	72.1%	70.3%	87.0%	100.0%
Yes	4	4	1	0	0	0	0	9	2	0	0
	5.6%	7.0%	7.7%	0.0%	0.0%	0.0%	0.0%	8.1%	2.2%	0.0%	0.0%
Don't Know	12	10	3	3	3	2	4	22	25	3	0
	16.9%	17.5%	23.1%	15.8%	42.9%	40.0%	28.6%	19.8%	27.5%	13.0%	0.0%

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2019

N=245		Where	e are you per	sonally locat	:ed?	
Number			South		South	_
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
1-time bonus non-executives	<u>5</u>					
No	45	33	34	27	24	7
	76.3%	70.2%	73.9%	77.1%	70.6%	70.0%
Yes	2	3	2	1	2	1
	3.4%	6.4%	4.3%	2.9%	5.9%	10.0%
Don't Know	12	11	10	7	8	2
Son Cinion	20.3%	23.4%	21.7%	20.0%	23.5%	20.0%

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2019

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%		9 3.8%	8 3.4%	44 18.7%	2 0.9%		50 21.3%	15 6.4%	6 2.6%	25 10.6%
1-time bonus executives													
No	175 74.2%	18 66.7%	18 75.0%			6 85.7%	31 70.5%	2 100.0%		40 80.0%	8 61.5%	5 100.0%	20 80.0%
Yes	9 3.8%	2 7.4%	1 4.2%	0 0.0%		0 0.0%	3 6.8%	0 0.0%			2 15.4% I	0 0.0%	0 0.0%
Don't Know	52 22.0%	7 25.9%	5 20.8%			1 14.3%	10 22.7%	0 0.0%			3 23.1%	0 0.0%	5 20.0%

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2019

N=245			S	ales Revenue						Ownership		
Number Col %	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Total	88 37.6%	62 26.5%	46 19.7%		14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	18 8.4%
1-time bonus executives												
No	62 73.8%	46 76.7%			11 78.6%	3 42.9%	7 77.8%	11 64.7%	5 71.4%	118 72.8%	4 100.0%	15 83.3%
Yes	4 4.8%	2 3.3%	0 0.0% d	12.5%	1 7.1%	0 0.0%	0 0.0%	1 5.9%	0 0.0%	6 3.7%	0 0.0%	1 5.6%
Don't Know	18 21.4% f	12 20.0% f	10 22.7%		2 14.3%	4 57.1% ab	2 22.2%	5 29.4%	2 28.6%	38 23.5%	0 0.0%	2 11.1%

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2019

N=245			Numb	er of Employ	ees				Foreign	Sales	D 23 5 9.7% 2.1%		
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	than 50%		
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%		
1-time bonus executives													
No	52 74.3%	43 75.4%	10 76.9%	17 89.5%	5 71.4%	3 60.0%	10 71.4%	82 74.5%	62 68.9%	20 87.0%	5 100.0%		
Yes	5 7.1%	2 3.5%	0 0.0%	0 0.0%	1 14.3%	0 0.0%	0 0.0%	5 4.5%	2 2.2%	1 4.3%	0 0.0%		
Don't Know	13 18.6%	12 21.1%	3 23.1%	2 10.5%	1 14.3%	2 40.0%	4 28.6%	23 20.9%	26 28.9% c	2 8.7% b	0 0.0%		

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2019

N=245		Where	e are you per	sonally locat	:ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	A	В	С	D	E	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
1-time bonus executives						
No	47	31	35	24	25	8
	79.7%	68.9%	76.1%	68.6%	73.5%	80.0%
Yes	0	4	3	0	1	0
163	0.0%		6.5%	0.0%	2.9%	0.0%
	bc	a	a			
Don't Know	12	10	8	11	8	2
DOI! CKNOW	20.3%	22.2%	17.4%	31.4%	23.5%	20.0%

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2019

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing	Health- care Pharm	Agr, Pub Admin K	Other Industry
Total	235 100.0%	27 11.5%	25 10.6%	11	9 3.8%	8 3.4%	44 18.7%	2 0.9%	13	50 21.3%	15 6.4%	6 2.6%	25 10.6%
Special (1-time) dividend No	175 77.1%	19 76.0%	19 79.2%	6 60.0%	8 88.9%	6 85.7%	31 77.5%	1 100.0%	6 54.5%	_	11 78.6%	5 100.0%	18 75.0%
Yes	6 2.6%	1 4.0%	0 0.0%		0 0.0%	0 0.0%	2 5.0%	0 0.0%		1 2.0%	0 0.0%	0 0.0%	0 0.0%
Don't Know	46 20.3%	5 20.0%	5 20.8%	3 30.0%	1 11.1%	1 14.3%	7 17.5%	0 0.0%		9 18.0%	3 21.4%	0 0.0%	6 25.0%

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2019

N=245			S	ales Revenue						Ownership		
Number Col %	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Total	88 37.6%	62 26.5%			14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	18 8.4%
Special (1-time) dividend												
No	65 78.3% F	43 78.2% F			12 85.7% f	2 28.6% ABce	7 77.8%	11 64.7%	3 42.9% ce	121 76.6% b	4 100.0%	14 93.3% b
Yes	4 4.8%	1 1.8%	1 2.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	6 3.8%	0 0.0%	0 0.0%
Don't Know	14 16.9% F	11 20.0% F		25.0%	2 14.3% f	5 71.4% ABCe	2 22.2%	6 35.3%	4 57.1% ce	31 19.6% b	0 0.0%	1 6.7% b

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2019

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Special (1-time) dividend											
No	53 76.8%	42 77.8%	10 76.9%	16 84.2%	6 85.7%	2 40.0%	10 71.4%	82 77.4%	64 73.6%	19 82.6%	5 100.0%
Yes	4 5.8%	2 3.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 2.8%	2 2.3%	1 4.3%	0 0.0%
Don't Know	12 17.4% f	10 18.5% f	3 23.1%	3 15.8%	1 14.3%	3 60.0% ab	4 28.6%	21 19.8%	21 24.1%	3 13.0%	0 0.0%

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Yes/No) - 2019

N=245	Where are you personally located?											
Number			South		South							
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain						
	US	US	US	US	US	US						
	Α	В	С	D	E	F						
Total	60	49	46	35	34	13						
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%						
Special (1-time) dividend												
No	45	34	34	26	24	8						
	77.6%	75.6%	77.3%	78.8%	75.0%	80.0%						
Yes	1	3	0	2	0	0						
	1.7%	6.7%	0.0%	6.1%	0.0%	0.0%						
Don't Know	12	8	10	5	8	2						
20	20.7%	17.8%	22.7%	15.2%	25.0%	20.0%						

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%		8 3.4%	44 18.7%	2 0.9%			15 6.4%	6 2.6%	25 10.6%
Non-executive wages/salaries													
Down	0 0.0%	0 0.0%	0 0.0%			0 0.0%	0 0.0%				0 0.0%	0 0.0%	0 0.0%
No Change	106 54.1%	12 52.2%	13 59.1%	2 25.0% h	75.0%	2 33.3%	19 51.4%	0 0.0%		59.0%	5 50.0%	2 33.3%	11 52.4%
Up	90 45.9%	11 47.8%	9 40.9%		25.0%	4 66.7%	18 48.6%	2 100.0%		41.0%	5 50.0%	4 66.7%	10 47.6%
Mean	0.46	0.48	0.41	0.75 dh		0.67	0.49	1.00	0.20 c		0.50	0.67	0.48

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			9	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	<u>E</u>
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%			6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	
Non-executive wages/salari	<u>es</u>											
Down	0	0	0	0	0	0	0	0	0	0	0	0
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
No Change	31	29	25	3	7	3	5	12	4	69	1	7
	45.6%	55.8%	65.8%	37.5%	58.3%	60.0%	62.5%	80.0%	66.7%	51.9%	20.0%	53.8%
	С		a					cd		а	а	
Up	37	23	13	5	5	2	3	3	2	64	4	6
	54.4%	44.2%	34.2%	62.5%	41.7%	40.0%	37.5%	20.0%	33.3%	48.1%	80.0%	46.2%
	С		а					cd		a	а	
Mean	0.54	0.44	0.34	0.63	0.42	0.40	0.38	0.20	0.33	0.48	0.80	0.46
	С		а					cd		а	а	

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Non-executive wages/salari	<u>es</u>										
Down	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
No Change	29 48.3%	27 56.3%	5 50.0%	9 52.9%	5 71.4%	2 40.0%	8 72.7%	49 52.7% d	40 52.6% d	11 57.9%	5 100.0% ab
Up	31 51.7%	21 43.8%	5 50.0%	8 47.1%	2 28.6%	3 60.0%	3 27.3%	44 47.3% d	36 47.4% d	8 42.1%	0 0.0% ab
Mean	0.52	0.44	0.50	0.47	0.29	0.60	0.27	0.47	0.47	0.42	0.00

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245	Where are you personally located?									
Number			South		South					
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain				
	US	US	US	US	US	US				
-	A	В	С	D	E	F				
Total	60	49	46	35	34	13				
Total	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%				
Non-executive wages/salarie	<u>s</u>									
Down	0	0	0	0	0	0				
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
No Change	25	21	19	20	15	5				
	55.6%	55.3%	47.5%	62.5%	51.7%	50.0%				
Up	20	17	21	12	14	5				
·	44.4%	44.7%	52.5%	37.5%	48.3%	50.0%				
Mean	0.44	0.45	0.53	0.38	0.48	0.50				

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%			8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
Executive salaries													
Down	2 1.0%	0 0.0%	1 4.5%	1 14.3% fi	0.0%	0 0.0%	0 0.0% c	0.0%			0 0.0%	0 0.0%	0 0.0%
No Change	131 67.5%	13 56.5%	15 68.2%			4 66.7%	22 61.1%			_	8 80.0%	2 33.3% i	14 66.7%
Up	61 31.4%	10 43.5%	6 27.3%			2 33.3%	14 38.9%				2 20.0%	4 66.7% i	7 33.3%
Mean	0.30	0.43	0.23	0.29	0.13 k	0.33	0.39	0.50	0.22	0.21 k	0.20	0.67 di	0.33

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			9	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	<u>E</u>
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
Executive salaries												
Down	1	0	1	0	0	0	0	0	0	2	0	0
	1.5%	0.0%	2.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.5%	0.0%	0.0%
No Change	41	40	25	3	9	3	6	11	6	90	1	9
	60.3%	78.4%	67.6%	37.5%	75.0%	75.0%	75.0%	78.6%	100.0%	68.2%	20.0%	69.2%
	b	ad		b				d	d	d	abc	
Up	26	11	11	5	3	1	2	3	0	40	4	4
	38.2%	21.6%	29.7%	62.5%	25.0%	25.0%	25.0%	21.4%	0.0%	30.3%	80.0%	30.8%
		d		b				d	d	d	abc	
Mean	0.37	0.22	0.27	0.63	0.25	0.25	0.25	0.21	0.00	0.29	0.80	0.31
		d		b				d		d	ac	

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Executive salaries											
Down	2 3.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.2%	0 0.0%	0 0.0%	0 0.0%
No Change	37 63.8%	35 71.4%	6 60.0%	11 64.7%	4 66.7%	2 50.0%	10 90.9%	60 65.2%	51 68.0%	13 72.2%	5 100.0%
Up	19 32.8%	14 28.6%	4 40.0%	6 35.3%	2 33.3%	2 50.0%	1 9.1%	30 32.6%	24 32.0%	5 27.8%	
Mean	0.29	0.29	0.40	0.35	0.33	0.50	0.09	0.30	0.32	0.28	0.00

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	·
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	Е	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Executive salaries						
Down	0	0	1	0	1	0
	0.0%	0.0%	2.6%	0.0%	3.6%	0.0%
No Change	33	23	22	27	16	8
	71.7%	63.9%	56.4%	84.4%	57.1%	80.0%
			d	ce	d	
Up	13	13	16	5	11	2
Ор	28.3%	36.1%	41.0%	15.6%	39.3%	20.0%
	20.370	30.170	41.070 d	ce	33.370 d	20.070
			u	CC	u	
Mean	0.28	0.36	0.38	0.16	0.36	0.20
			d	С		

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%		8 3.4%	44 18.7%	2 0.9%		50 21.3%	15 6.4%	6 2.6%	25 10.6%
Fulltime U.S. employment													
Down	11 5.6%	1 4.2%	9.1%			1 16.7%	2 5.4%			1 2.5% d	0 0.0%	0 0.0%	1 5.0%
No Change	110 55.8%	11 45.8%	14 63.6%			1 16.7% i	19 51.4%	1 50.0%			6 60.0%	3 60.0%	12 60.0%
Up	76 38.6%	12 50.0%	6 27.3%			4 66.7%	16 43.2%				4 40.0%	2 40.0%	7 35.0%
Mean	0.33	0.46 d	0.18	0.44	-0.13 afi	0.50	0.38 d	0.50	0.33	0.33 d	0.40	0.40	0.30

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
Fulltime U.S. employment												
Down	2	0	3	2	2	0	2	3	1	5	0	1
	3.0%	0.0%	7.1%	25.0%	16.7%	0.0%	25.0%	21.4%	16.7%	3.7%	0.0%	7.7%
	dg	DEG		аВ	В		аВ	С		Α		
No Change	39	30	27	1	5	1	3	7	2	76	1	8
_	58.2%	60.0%	64.3%	12.5%	41.7%	25.0%	37.5%	50.0%	33.3%	55.9%	25.0%	61.5%
	d	d	D	abC								
Up	26	20	12	5	5	3	3	4	3	55	3	4
Op	38.8%	40.0%			41.7%	75.0%	37.5%	28.6%	50.0%	40.4%	75.0%	30.8%
	30.070	40.070	20.070	02.570	71.770	75.070	37.370	20.070	30.070	70.470	75.070	30.070
Mean	0.36	0.40	0.21	0.38	0.25	0.75	0.13	0.07	0.33	0.37	0.75	0.23

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Fulltime U.S. employment											
Down	3 5.1% g	1 2.0% G	1 9.1%	1 5.9%	1 16.7%	0 0.0%	3 27.3% aB	7 7.6%	3 3.9%	1 5.3%	0 0.0%
No Change	34 57.6%	26 53.1%	5 45.5%	11 64.7%	3 50.0%	1 20.0%	5 45.5%	56 60.9%	37 48.1% d	10 52.6%	5 100.0% b
Up	22 37.3%	22 44.9%	5 45.5%	5 29.4%	2 33.3%	4 80.0%	3 27.3%	29 31.5% b	37 48.1% ad	8 42.1%	0 0.0% b
Mean	0.32	0.43 g	0.36	0.24	0.17	0.80	0.00 b	0.24 b	0.44 a	0.37	0.00

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	Е	F
						_
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Fulltime U.S. employment						
runnie o.s. employment						
Down	3	3	2	1	1	1
	6.3%	7.9%	5.1%	3.2%	3.6%	10.0%
No Change	30	20	17	23	14	4
S	62.5%	52.6%	43.6%	74.2%	50.0%	40.0%
			d	С		
Up	15	15	20	7	13	5
Sp.	31.3%	39.5%	51.3%	22.6%	46.4%	50.0%
			d	С		
Mean	0.25	0.32	0.46	0.19	0.43	0.40
			d	С		

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%	9 3.8%	8 3.4%	44 18.7%			50 21.3%	15 6.4%	6 2.6%	25 10.6%
Regular dividend													
Down	4 2.2%	0 0.0%	0 0.0%	0 0.0%		1 16.7% i	1 3.0%	_		_	1 11.1% i	0 0.0%	0 0.0%
No Change	157 88.2%	17 85.0%	15 83.3%	7 87.5%	5 71.4%	5 83.3%	30 90.9%				8 88.9%	5 83.3%	17 94.4%
Up	17 9.6%	3 15.0%	3 16.7%	1 12.5%	2 28.6%	0 0.0%	2 6.1%				0 0.0%	1 16.7%	1 5.6%
Mean	0.07	0.15	0.17	0.13	0.29	-0.17	0.03	0.00	-0.11	0.10	-0.11	0.17	0.06

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	<u>E</u>
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%		6.0%	3.0%	3.8%	7.9%		77.6%	2.3%	
Regular dividend												
Down	1	2	0	1	0	0	0	0	0	3	0	1
	1.8%	4.3%	0.0%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	2.5%	0.0%	9.1%
			d	С								
No Change	49	42	38	5	10	3	6	10	4	109	4	10
	86.0%	91.3%	92.7%	83.3%	83.3%	75.0%	75.0%	71.4%	80.0%	89.3%	80.0%	90.9%
Up	7	2	3	0	2	1	2	4	1	10	1	0
	12.3%	4.3%	7.3%	0.0%	16.7%	25.0%	25.0%	28.6%	20.0%	8.2%	20.0%	0.0%
		g					b	С		a		
Mean	0.11	0.00	0.07	-0.17	0.17	0.25	0.25	0.29	0.20	0.06	0.20	-0.09
		g					b	ce		a		а

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	
Regular dividend											
Down	2 3.8%	1 2.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 3.9%	0 0.0%	1 5.0%	0 0.0%
No Change	45 84.9%	38 86.4%	10 100.0% f	18 100.0% Fg	6 100.0%	2 50.0% cD	8 72.7% d	65 84.4% b	69 94.5% aD	17 85.0%	3 60.0% B
Up	6 11.3% f	5 11.4% f	0 0.0% f	0 0.0% Fg	0 0.0%	2 50.0% abcD	3 27.3% d	9 11.7%	4 5.5% D	2 10.0%	
Mean	0.08 f	0.09 f	0.00	0.00	0.00	0.50 ab	0.27	0.08	0.05 D	0.05	0.40 B

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Regular dividend						
Down	2	1	1	0	0	0
	4.9%	2.9%	2.9%	0.0%	0.0%	0.0%
No Change	36	29	30	24	27	9
	87.8%	85.3%	85.7%	85.7%	96.4%	90.0%
Up	3	4	4	4	1	1
	7.3%	11.8%	11.4%	14.3%	3.6%	10.0%
Mean	0.02	0.09	0.09	0.14	0.04	0.10

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%			8 3.4%	44 18.7%	2 0.9%		50 21.3%	15 6.4%	6 2.6%	25 10.6%
Share repurchases													
Down	2 1.1%	0 0.0%	0 0.0%			1 16.7% i	1 2.9%	0 0.0%			0 0.0%	0 0.0%	0 0.0%
No Change	168 90.8%	21 95.5%	18 94.7%			5 83.3%	29 85.3%	1 100.0%			9 100.0%	5 83.3%	14 87.5%
Up	15 8.1%	1 4.5%	1 5.3%	1 11.1%		0 0.0%	4 11.8%	0 0.0%			0 0.0%	1 16.7%	2 12.5%
Mean	0.07	0.05	0.05	0.11	0.29 i	-0.17	0.09	0.00	0.10	0.05 d	0.00	0.17	0.13

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	A	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
TOTAL					6.0%					77.6%		
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.0%	2.3%	8.4%
Share repurchases												
Down	1	0	0	1	0	0	0	0	0	2	0	0
	1.7%	0.0%	0.0%	16.7%	0.0%	0.0%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%
	d	D	d	аВс								
No Change	56	45	39	4	11	2	7	11	3	118	4	11
	93.3%	93.8%			91.7%	40.0%		73.3%		92.2%	80.0%	
	dF	dF			f	ABCe		, 51.5/c	ce	ab	00.070	b
Up	3	3	3	1	1	3	1	4	2	8	1	0
	5.0%	6.3%	7.1%	16.7%	8.3%	60.0%	12.5%	26.7%	40.0%	6.3%	20.0%	0.0%
	F	F	F		f	ABCe		С	Ce	AB		b
Mean	0.03	0.06	0.07	0.00	0.08	0.60	0.13	0.27	0.40	0.05	0.20	0.00
	F	F			f	ABCe		C	C	AB		2.30
	•	•	•		•	00		·	•			

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	
Share repurchases											
Down	2 3.6%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 2.4%	0 0.0%	0 0.0%	
No Change	51 91.1%	42 89.4%	9 90.0%	17 100.0% fg	6 85.7%	3 75.0% d	8 72.7% d	72 87.8%	71 93.4%	18 94.7%	
Up	3 5.4% g	5 10.6%	1 10.0%	0 0.0% fg	1 14.3%	1 25.0% d	3 27.3% ad	8 9.8%	5 6.6%	1 5.3%	
Mean	0.02 g	0.11	0.10	0.00	0.14	0.25	0.27 a	0.07	0.07	0.05	0.20

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245	Where are you personally located?											
Number			South		South							
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain						
	US	US	US	US	US	US						
	A	В	С	D	E	F						
Total	60	49	46	35	34	13						
Total	25.3%		19.4%	14.8%	14.3%							
	20.075	20.7,0	201.75	2	2	3.375						
Share repurchases												
Down	0	1	1	0	0	0						
	0.0%	2.8%	2.9%	0.0%	0.0%	0.0%						
No Change	39	33	32	25	28	9						
-	86.7%	91.7%	91.4%	89.3%	96.6%	90.0%						
Up	6	2	2	3	1	1						
op .	13.3%	_	5.7%	10.7%	3.4%	_						
Mean	0.13	0.03	0.03	0.11	0.03	0.10						

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%	9 3.8%	8 3.4%				50 21.3%	15 6.4%	6 2.6%	25 10.6%
U.S. investment													
Down	9 4.7%	1 4.3%	2 9.5% i		2 28.6% II	1 16.7% i	2 5.9%				0 0.0%	0 0.0%	0 0.0% d
No Change	119 62.6%	15 65.2% e	14 66.7% e		3 42.9%	1 16.7% abfil		100.0%			7 70.0%	4 66.7%	13 76.5% e
Up	62 32.6%	7 30.4%	5 23.8%	5 55.6%	2 28.6%	4 66.7%	11 32.4%				3 30.0%	2 33.3%	4 23.5%
Mean	0.28	0.26	0.14	0.56	0.00	0.50	0.26	0.00	0.20	0.38	0.30	0.33	0.24

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			S	Sales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	Е	F	G	Α	В	С	D	Е
Total	88	62	46	8	14	7	9	17	8	166	5	18
Total	37.6%	26.5%			6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	
	37.0%	20.5%	19.7%	5.4%	0.0%	3.0%	5.0%	7.5%	3.770	77.0%	2.5%	0.470
<u>U.S. investment</u>												
Down	3	1	0	1	2	0	2	4	0	4	0	0
	4.8%	2.0%	0.0%	16.7%	16.7%	0.0%	25.0%	26.7%	0.0%	3.0%	0.0%	0.0%
	g	eG	deG	С	bc		aBC	С		Α		
No Change	42	35	29	1	4	3	2	7	3	82	2	10
	66.7%	68.6%			33.3%	60.0%	25.0%	46.7%	50.0%	62.1%	40.0%	
	deg	deg			abc	00.070	abc	е	30.075	02.270	e	ad
	- 0		0									
Up	18	15	11	4	6	2	4	4	3	46	3	1
	28.6%	29.4%	27.5%	66.7%	50.0%	40.0%	50.0%	26.7%	50.0%	34.8%	60.0%	9.1%
											е	d
Mean	0.24	0.27	0.28	0.50	0.33	0.40	0.25	0.00	0.50	0.32	0.60	0.09
								С		a	е	d

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
U.S. investment											
Down	3 5.2%	0 0.0% cEG	1 9.1% b	1 5.9%	1 16.7% B	0 0.0%	2 18.2% B	5 5.8%	3 3.9%	1 5.0%	0 0.0%
No Change	36 62.1%	33 68.8% g	5 45.5%	10 58.8%	4 66.7%	2 50.0%	4 36.4% b	55 64.0%	47 61.8%	10 50.0%	4 80.0%
Up	19 32.8%	15 31.3%	5 45.5%	6 35.3%	1 16.7%	2 50.0%	5 45.5%	26 30.2%	26 34.2%	9 45.0%	1 20.0%
Mean	0.28	0.31	0.36	0.29	0.00	0.50	0.27	0.24	0.30	0.40	0.20

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245	Where are you personally located?											
Number			South		South							
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain						
	US	US	US	US	US	US						
	Α	В	С	D	E	F						
Total	60	49	46	35	34	13						
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%						
U.S. investment												
Down	1	3	1	2	2	0						
	2.2%	8.3%	2.8%	6.5%	6.7%	0.0%						
No Change	27	23	20	23	19	5						
	60.0%	63.9%	55.6%	74.2%	63.3%							
Up	17	10	15	6	9	5						
	37.8%	27.8%	41.7%	19.4%	30.0%	50.0%						
Mean	0.36	0.19	0.39 d	0.13 c	0.23	0.50						

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%		9 3.8%	8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
Foreign investment													
Down	11 5.9%	0 0.0% h	1 4.8%	0 0.0%		1 16.7%	3 8.6%			7.1%	1 11.1%	0 0.0%	0 0.0%
No Change	161 86.6%	21 91.3% g	18 85.7% g	100.0%	100.0%	4 66.7% I	30 85.7% g	0.0%	70.0%		8 88.9%	4 66.7% I	14 100.0% eGhk
Up	14 7.5%	2 8.7% g	2 9.5% g	0.0%	0.0%	1 16.7%	2 5.7% Gk	100.0%	10.0%	_	0 0.0% g	2 33.3% fl	0 0.0% Gk
Mean	0.02	0.09	0.05	0.00	0.00	0.00	-0.03 k		-0.10	0.00	-0.11	0.33 f	0.00

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
Foreign investment												
Down	3	2	0	3	1	1	1	2	0	9	0	0
	4.5%	4.3%	0.0%	60.0%	8.3%	33.3%	12.5%	15.4%	0.0%	6.9%	0.0%	0.0%
	Df	Df	DFg	ABCe	d	abC	С					
No Change	59	42	37	2	9	2	5	10	5	113	4	11
	89.4%	89.4%	92.5%	40.0%	75.0%	66.7%	62.5%	76.9%	100.0%	86.3%	80.0%	100.0%
	Dg	D	Dg	ABC			ac					
Up	4	3	3	0	2	0	2	1	0	9	1	0
	6.1%	6.4%	7.5%	0.0%	16.7%	0.0%	25.0%	7.7%	0.0%	6.9%	20.0%	0.0%
Mean	0.02	0.02	0.08	-0.60	0.08	-0.33	0.13	-0.08	0.00	0.00	0.20	0.00
	D	D	Df	ABCe	d	С						

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			Numb			Foreign	Sales				
Number							More				
Col %	Fewer than 100	100- 499	500- 999	1000- 2499	2500- 4999	5000- 9999	than 10,000	0%	1-24%	25-50%	More than 50%
	A	499 B	C C	2499 D	4999 E	9999 F	G	0% A	1-24% B	25-50% C	D D
Total	74	60	13	19	7	5	14	115	93	23	5
Total	38.5%	31.3%	6.8%	9.9%	3.6%	2.6%	7.3%	48.7%	39.4%	9.7%	
Foreign investment											
Down	4	2	1	0	3	0	1	4	4	3	0
	6.9% E	4.3% E	10.0%	0.0% E	50.0% ABD	0.0%	9.1%	4.7%	5.3%	16.7%	0.0%
No Change	52	43	7	16	3	2	8	78	66	11	3
	89.7%	91.5%	70.0%	94.1%	50.0%	100.0%	72.7%	91.8%	86.8%	61.1%	
	E	Е		e	ABd			С	С	Ab	
Up	2	2	2	1	0	0	2	3	6	4	1
	3.4%	4.3%	20.0%	5.9%	0.0%	0.0%	18.2%	3.5%	7.9%	22.2%	
	С		а					Cd		Α	a
Mean	-0.03	0.00	0.10	0.06	-0.50	0.00	0.09	-0.01	0.03	0.06	0.25
	Е	E		E	ABDg		е				

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245	Where are you personally located?											
Number			South		South							
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain						
	US	US	US	US	US	US						
	Α	В	С	D	E	F						
Total	60	49	46	35	34	13						
Total	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%						
Foreign investment												
Down	3	3	3	0	1	1						
	6.7%	8.8%	8.6%	0.0%	3.2%	10.0%						
No Change	36	29	31	27	27	9						
-	80.0%	85.3%	88.6%	93.1%	87.1%	90.0%						
Up	6	2	1	2	3	0						
S.P.	13.3%	5.9%	2.9%	6.9%	9.7%	0.0%						
	0.07	0.00	0.00	0.07	0.05	0.40						
Mean	0.07	-0.03	-0.06	0.07	0.06	-0.10						

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245	Total	Industry											
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%			8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
U.S. R&D													
Down	5 2.6%	0 0.0%	2 9.5% i			1 16.7% i	1 2.9%				0 0.0%	0 0.0%	0 0.0%
No Change	149 78.8%	21 91.3% ghi	18 85.7% g	87.5%		4 66.7%	27 77.1%		60.0%	68.3%	7 77.8%	5 83.3%	16 88.9% g
Up	35 18.5%	2 8.7% gi	1 4.8% Gi	12.5%		1 16.7%	7 20.0%		30.0%		2 22.2%	1 16.7%	2 11.1% g
Mean	0.16	0.09 i	-0.05 I	0.13	0.14	0.00	0.17	1.00	0.20	0.32 aB	0.22	0.17	0.11

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			S	ales Revenue			Ownership					
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	A	В	С	D	<u>E</u>
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%		3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	
U.S. R&D												
Down	1	0	1	2	1	0	0	1	0	4	0	0
	1.5%	0.0%	2.5%	33.3%	8.3%	0.0%	0.0%	6.7%	0.0%	3.1%	0.0%	0.0%
	D	De	D	ABC	b							
No Change	54	39	34	3	7	3	6	12	3	98	5	12
	83.1%	81.3%	85.0%	50.0%	58.3%	75.0%	66.7%	80.0%	60.0%	75.4%	100.0%	
									е			b
Up	10	9	5	1	4	1	3	2	2	28	0	0
	15.4%	18.8%	12.5%	16.7%	33.3%	25.0%	33.3%	13.3%	40.0%	21.5%	0.0%	
									е			b
Mean	0.14	0.19	0.10	-0.17	0.25	0.25	0.33	0.07	0.40	0.18	0.00	0.00

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ	ees .				Foreign	Sales	More				
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	than 50%				
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%						
U.S. R&D															
Down	2 3.5%	1 2.2%	1 9.1%	0 0.0%	1 16.7%	0 0.0%	0 0.0%	2 2.4%	2 2.6%						
No Change	45 78.9%	39 84.8%	7 63.6%	12 70.6%	5 83.3%	3 75.0%	8 66.7%	74 87.1% B	53 69.7% A	14 70.0%					
Up	10 17.5%	6 13.0%	3 27.3%	5 29.4%	0 0.0%	1 25.0%	4 33.3%	9 10.6% B	21 27.6% A	5 25.0%					
Mean	0.14	0.11	0.18	0.29 e	-0.17 dg	0.25	0.33 e	0.08 b	0.25 a	0.20	0.00				

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
•	Α	В	С	D	E	F
Total	60	49	46	35	34	13
T O Cal	25.3%		19.4%	14.8%	14.3%	
U.S. R&D						
Down	1	1	2	1	0	0
	2.2%	2.8%	5.6%	3.1%	0.0%	0.0%
No Change	32	31	29	25	22	8
	71.1%	86.1%	80.6%	78.1%	78.6%	80.0%
Up	12	4	5	6	6	2
·	26.7%	11.1%	13.9%	18.8%	21.4%	20.0%
Mean	0.24	0.08	0.08	0.16	0.21	0.20

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%			8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
U.S. Debt													
Down	18 9.7%	2 9.5%	0 0.0% i			1 16.7%	5 14.3%				0 0.0%	0 0.0%	1 5.9%
No Change	137 73.7%	18 85.7% D	16 76.2% d	75.0%		3 50.0%	22 62.9%			73.2%	8 88.9% d	4 66.7%	14 82.4% d
Up	31 16.7%	1 4.8% D	5 23.8%			2 33.3%	8 22.9%			9.8%	1 11.1%	2 33.3%	2 11.8% d
Mean	0.07	-0.05 bd	0.24 ahi		0.43 ai	0.17	0.09	0.00	-0.10 b		0.11	0.33	0.06

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			S	ales Revenue			Ownership					
Number Col %	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Total	88 37.6%	62 26.5%			14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	18 8.4%
U.S. Debt												
Down	6 9.1%	6 12.2%			1 9.1%	0 0.0%	2 25.0%	3 23.1%	1 20.0%	12 9.2%	0 0.0%	0 0.0%
No Change	50 75.8%	35 71.4%			6 54.5%	2 66.7%	5 62.5%	6 46.2% ce	2 40.0% e	97 74.0% a	4 80.0%	10 90.9% ab
Up	10 15.2%	8 16.3%			4 36.4%	1 33.3%	1 12.5%	4 30.8%	2 40.0%	22 16.8%	1 20.0%	1 9.1%
Mean	0.06	0.04	0.08	0.00	0.27	0.33	-0.13	0.08	0.20	0.08	0.20	0.09

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ		Foreign Sales More					
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
<u>U.S. Debt</u>											
Down	5 8.6%	6 12.8%	1 10.0%	0 0.0%	0 0.0%	0 0.0%	2 18.2%	6 7.2% d	10 13.2%	0 0.0% D	2 40.0% aC
No Change	42 72.4%	36 76.6%	8 80.0%	10 62.5%	4 80.0%	2 66.7%	7 63.6%	59 71.1%	57 75.0%	16 84.2%	2 40.0%
Up	11 19.0%	5 10.6% d	1 10.0%	6 37.5% b	1 20.0%	1 33.3%	2 18.2%	18 21.7%	9 11.8%	3 15.8%	
Mean	0.10	-0.02 D	0.00	0.38 B	0.20	0.33	0.00	0.14	-0.01	0.16	-0.20

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	13
Total	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
U.S. Debt						
Down	7	3	3	2	3	0
	15.9%	8.8%	8.6%	6.5%	10.0%	0.0%
No Change	29	25	26	24	24	7
- -	65.9%	73.5%	74.3%	77.4%	80.0%	70.0%
Up	8	6	6	5	3	3
- r	18.2%	17.6%	17.1%	16.1%	10.0%	30.0%
Mean	0.02	0.09	0.09	0.10	0.00	0.30

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%		8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
Foreign debt													
Down	9 4.9%	0 0.0%	2 11.1%	0 0.0%		1 16.7%	3 8.3%				0 0.0%	0 0.0%	0 0.0%
No Change	166 91.2%	21 95.5%	16 88.9%	8 100.0%		5 83.3%	30 83.3%				9 100.0%	5 83.3%	14 93.3%
Up	7 3.8%	1 4.5%	0 0.0%	0 0.0%		0 0.0%	3 8.3%				0 0.0%	1 16.7%	1 6.7%
Mean	-0.01	0.05	-0.11	0.00	-0.14	-0.17	0.00	0.00	-0.10	0.00	0.00	0.17	0.07

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			S	Sales Revenue	!					Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	A	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
Foreign debt												
Down	2	2	1	2	1	0	0	2	0	7	0	0
	3.1%	4.3%	2.5%	40.0%	9.1%	0.0%	0.0%	16.7%	0.0%	5.3%	0.0%	0.0%
	D	D	D	ABC								
No Change	59	43	38	3	10	2	7	9	4	119	4	11
	90.8%	93.5%	95.0%	60.0%	90.9%	100.0%	87.5%	75.0%	100.0%	90.8%	80.0%	100.0%
	d	d	d	abc								
Up	4	1	1	0	0	0	1	1	0	5	1	0
	6.2%	2.2%	2.5%	0.0%	0.0%	0.0%	12.5%	8.3%	0.0%	3.8%	20.0%	0.0%
Mean	0.03	-0.02			-0.09	0.00	0.13	-0.08	0.00	-0.02	0.20	0.00
	D	D	D	ABC								

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ	ees		Foreign Sales						
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D		
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%		
Foreign debt													
Down	3 5.2%	2 4.3%	1 10.0%	0 0.0%	1 16.7%	0 0.0%	0 0.0%	4 4.8%	3 4.1%	1 5.3%	1 25.0%		
No Change	51 87.9%	44 93.6%	8 80.0%	16 100.0%	5 83.3%	2 100.0%	10 90.9%	76 91.6% D	69 94.5% D	16 84.2%	2 50.0% AB		
Up	4 6.9%	1 2.1%	1 10.0%	0 0.0%	0 0.0%	0 0.0%	1 9.1%	3 3.6% d	1 1.4% cD	2 10.5% b	1 25.0% aB		
Mean	0.02	-0.02	0.00	0.00	-0.17	0.00	0.09	-0.01	-0.03	0.05	0.00		

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245		When	e are you per	sonally locat	ted?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Tatal	CO	40	4.0	25	24	12
Total	60 35 30/		46 10 49/	35	34 14 30/	_
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Foreign debt						
Down	4	1	3	1	0	0
	9.1%	3.0%	8.8%	3.3%	0.0%	0.0%
No Change	38	30	31	27	28	10
	86.4%		91.2%	90.0%	96.6%	100.0%
l la	2	2	0	2	1	0
Up	4.5%		0.0%	6.7%	3.4%	_
	4.3%	0.1%	0.0%	0.7%	5.4%	0.0%
Mean	-0.05	0.03	-0.09	0.03	0.03	0.00

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%		9 3.8%	8 3.4%	44 18.7%			50 21.3%	15 6.4%	6 2.6%	25 10.6%
Domestic cash holdings													
Down	9 4.8%	1 4.5%	0 0.0% d			0 0.0%	3 8.3%				0 0.0%	1 16.7% i	0 0.0% d
No Change	130 69.1%	18 81.8% bc	11 52.4% al		57.1%	3 50.0%	24 66.7%				8 88.9% c	5 83.3%	15 88.2% bc
Up	49 26.1%	3 13.6% bc	10 47.6% akl			3 50.0%	9 25.0%				1 11.1%	0 0.0% b	2 11.8% bc
Mean	0.21	0.09 b	0.48 adfKl		-0.14 bi	0.50 k	0.17 b	0.00	0.20	0.32 dk	0.11	-0.17 Bei	0.12 b

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			9	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	Е	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%			6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	
Domestic cash holdings												
Down	3	3	2	1	0	0	0	0	0	7	1	1
	4.8%	6.1%	4.8%	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.3%	20.0%	9.1%
No Change	41	37	30	1	8	3	6	10	3	88	4	9
	66.1%	75.5%	71.4%	20.0%	66.7%	60.0%	75.0%	66.7%	50.0%	67.2%	80.0%	81.8%
	d	d	d	abc								
Up	18	9	10	3	4	2	2	5	3	36	0	1
	29.0%	18.4%	23.8%	60.0%	33.3%	40.0%	25.0%	33.3%	50.0%	27.5%	0.0%	9.1%
		d		b								
Mean	0.24	0.12	0.19	0.40	0.33	0.40	0.25	0.33	0.50	0.22	-0.20	0.00
								d	d		ab	

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Domestic cash holdings											
Down	4 7.0%	3 6.5%	1 9.1%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	6 7.0%	2 2.7%	1 5.3%	
No Change	35 61.4%	36 78.3%	7 63.6%	13 72.2%	3 42.9%	3 75.0%	8 72.7%	54 62.8%	56 74.7%	14 73.7%	
Up	18 31.6%	7 15.2% e	3 27.3%	4 22.2%	4 57.1% b	1 25.0%	3 27.3%	26 30.2%	17 22.7%	4 21.1%	
Mean	0.25	0.09 e	0.18	0.17	0.57 b	0.25	0.27	0.23	0.20	0.16	0.40

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	Е	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Domestic cash holdings						
_	_			_	_	_
Down	2	1	0	0	5	1
	4.4%	2.9%	0.0%	0.0%	16.7%	10.0%
			е	е	cd	
No Change	31	21	27	25	19	5
No change	68.9%	61.8%	73.0%	83.3%	63.3%	50.0%
	08.576	01.6%	73.070	63.376 f	03.370	30.0% d
				· ·		u
Up	12	12	10	5	6	4
·	26.7%	35.3%	27.0%	16.7%	20.0%	40.0%
		,-				
Mean	0.22	0.32	0.27	0.17	0.03	0.30
		е			b	

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%			8 3.4%	44 18.7%			50 21.3%	15 6.4%	6 2.6%	25 10.6%
U.S. M&A													
Down	3 1.6%	0 0.0%	0 0.0%			1 16.7% i	1 2.8%				0 0.0%	0 0.0%	0 0.0%
No Change	140 76.9%	16 88.9% e	15 68.2%			2 33.3% adijl	25 69.4%			31 75.6% e	8 100.0% e	4 66.7%	13 81.3% e
Up	39 21.4%	2 11.1%	7 31.8%	1 12.5%		3 50.0% j	10 27.8%				0 0.0% e	2 33.3%	3 18.8%
Mean	0.20	0.11	0.32	0.13	0.00	0.33	0.25	0.00	0.00	0.24	0.00	0.33	0.19

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
<u>U.S. M&A</u>												
Down	1	0	0	2	0	0	0	0	0	3	0	0
	1.6%	0.0%	0.0%	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	2.4%	0.0%	0.0%
	D	D	D	ABC								
No Change	52	41	28	1	7	2	5	10	2	92	5	12
	81.3%	83.7%	73.7%	16.7%	70.0%	66.7%	71.4%	83.3%	40.0%	72.4%	100.0%	100.0%
	D	D	D	ABC					Е	е		Вс
Up	11	8	10	3	3	1	2	2	3	32	0	0
	17.2%	16.3%	26.3%	50.0%	30.0%	33.3%	28.6%	16.7%	60.0% E	25.2% e	0.0%	0.0% Bc
Mean	0.16	0.16	0.26	0.17	0.30	0.33	0.29	0.17	0.60	0.23	0.00	0.00

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ		Foreign Sales						
Number Col %	Fewer	100-	500-	1000-	2500-	5000-	More than				More	
	than 100	499	999	2499	4999	9999	10,000	0%	1-24%	25-50%	than 50%	
	A	В	С	D	E	F	G	Α	В	С	D	
Total	74	60	13	19	7	5	14	115	93	23	5	
	38.5%	31.3%	6.8%	9.9%	3.6%	2.6%	7.3%	48.7%	39.4%	9.7%	2.1%	
<u>U.S. M&A</u>												
Down	2	0	1	0	0	0	0	2	1	0	0	
	3.4%	0.0% c	10.0% b	0.0%	0.0%	0.0%	0.0%	2.4%	1.4%	0.0%	0.0%	
No Change	47	37	4	10	4	2	8	67	54	11	5	
-	81.0%	82.2%	40.0%	62.5%	57.1%	66.7%	80.0%	81.7%	74.0%	57.9%	100.0%	
	С	С	AB					С		а		
Up	9	8	5	6	3	1	2	13	18	8	0	
·	15.5%	17.8%	50.0%	37.5%	42.9%	33.3%	20.0%	15.9%	24.7%	42.1%	0.0%	
	С	С	ab					С		a		
Mean	0.12	0.18	0.40	0.38	0.43	0.33	0.20	0.13	0.23	0.42	0.00	
	d			а				С		Α		

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245	Where are you personally located?										
Number			South		South						
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain					
	US	US	US	US	US	US					
	Α	В	С	D	E	F					
Total	60	49	46	35	34	13					
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%					
U.S. M&A											
Down	1	1	1	0	0	0					
	2.2%	2.9%	2.9%	0.0%	0.0%	0.0%					
No Change	32	26	25	24	23	8					
	71.1%	_	71.4%	82.8%	85.2%	80.0%					
		_		_	_						
Up	12	7	9	5	4	2					
	26.7%	20.6%	25.7%	17.2%	14.8%	20.0%					
Mean	0.24	0.18	0.23	0.17	0.15	0.20					

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%			8 3.4%	44 18.7%	2 0.9%		50 21.3%	15 6.4%	6 2.6%	25 10.6%
Foreign M&A													
Down	9 5.1%	0 0.0%	2 10.0%	0 0.0%	_	1 16.7%	3 9.1%	0 0.0%		2 4.9%	0 0.0%	0 0.0%	0 0.0%
No Change	159 89.3%	19 95.0% eG	17 85.0% g		100.0%	3 50.0% aciji	28 84.8% g	0 0.0% Abcdfijl	88.9%		9 100.0% eg	5 83.3%	13 92.9% eg
Up	10 5.6%	1 5.0% G	1 5.0% G	0 0.0% g	0.0%	2 33.3% I	2 6.1% G	1 100.0% ABcdFhIjl	0.0%		0 0.0% g	1 16.7%	1 7.1% g
Mean	0.01	0.05	-0.05	0.00	0.00	0.17	-0.03	1.00	-0.11	-0.02	0.00	0.17	0.07

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	Е	F	G	Α	В	С	D	Е
Total	88	62	46	8	14	7	9	17	8	166	5	18
TOtal	37.6%	26.5%			6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	
	37.0%	20.5%	19.7%	3.4%	0.0%	3.0%	3.8%	7.9%	3.7%	77.0%	2.3%	8.4%
Foreign M&A												
Down	3	2	0	3	1	0	0	1	0	8	0	0
	4.8%	4.3%	0.0%	60.0%	9.1%	0.0%	0.0%	8.3%	0.0%	6.4%	0.0%	0.0%
	D	D	D	ABCeg	d		d					
No Change	56	44	38	0	9	3	5	10	4	109	5	11
	88.9%	93.6%		_	81.8%	100.0%	71.4%	83.3%	100.0%	87.2%	100.0%	
	cD	D			cD	d	Cd					
Up	4	1	0		1	0	2	1	0	8	0	0
	6.3%	2.1%			9.1%	0.0%	28.6%	8.3%	0.0%	6.4%	0.0%	0.0%
	d	DG	DG	aBC			ВС					
Mean	0.02	-0.02	0.00	-0.20	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00
		g					b					

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			Numb			Foreign	Sales					
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C		
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5	
Foreign M&A												
Down	4 7.1% e	1 2.3% E	1 10.0%	0 0.0% e	2 33.3% aBd	0 0.0%	0 0.0%	5 6.0%	3 4.3%	1 5.6%	0 0.0%	
No Change	49 87.5%	42 95.5% e	9 90.0%	14 87.5%	4 66.7% b	2 100.0%	8 80.0%	76 91.6%	63 90.0%	14 77.8%		
Up	3 5.4%	1 2.3% g	0 0.0%	2 12.5%	0 0.0%	0 0.0%	2 20.0% b	2 2.4% cd	4 5.7%	3 16.7% a		
Mean	-0.02	0.00 Eg	-0.10	0.13 e	-0.33 Bdg	0.00	0.20 be	-0.04	0.01	0.11	0.25	

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245	Where are you personally located?										
Number			South		South						
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain					
	US	US	US	US	US	US					
	Α	В	С	D	E	F					
Total	60	49	46	35	34	13					
Total	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%					
Foreign M&A											
Down	3	2	3	0	0	1					
	6.8%	6.3%	8.6%	0.0%	0.0%	10.0%					
No Change	39	28	31	24	26	9					
-	88.6%	87.5%	88.6%	92.3%	89.7%	90.0%					
Up	2	2	1	2	3	0					
	4.5%	6.3%	2.9%	7.7%	10.3%	0.0%					
Mean	-0.02	0.00	-0.06	0.08	0.10	-0.10					

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%		9 3.8%	8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
Pension contributions													
Down	4 2.1%	0 0.0%	0 0.0%			1 16.7% i	2 5.3%			_	0 0.0%	0 0.0%	0 0.0%
No Change	162 84.8%	20 90.9% c	17 85.0%	5 55.6% ail		4 66.7%	30 78.9%			38 90.5% c	8 88.9%	5 83.3%	17 94.4% c
Up	25 13.1%	2 9.1% c	3 15.0%			1 16.7%	6 15.8%				1 11.1%	1 16.7%	1 5.6% c
Mean	0.11	0.09 c	0.15	0.44 all	0.00	0.00	0.11	0.00	0.10	0.10 C	0.11	0.17	0.06 c

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			S	ales Revenue						Ownership		
Number Col %	Less than \$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	More than \$10	Public,	Public, Nasdaq/		Govern-	
	million	million B	million C	million D	billion E	billion F	billion G	NYSE A	AMEX B	Private C	ment D	Nonprofit E
	A	Ь	C	D D		Г	<u> </u>	A	В		D D	
Total	88 37.6%	62 26.5%	46 19.7%		14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	
Pension contributions												
Down	2	0	0	2	0	0	0	0	0	4	0	0
	3.0%	0.0%			0.0%	0.0%	0.0%	0.0%	0.0%	3.0%	0.0%	0.0%
	D	D	D	ABCe	d							
No Change	54	43	36	4	11	5	5	12	5	110	4	11
	80.6%	86.0%	92.3%	66.7%	91.7%	100.0%	71.4%	85.7%	100.0%	82.7%	80.0%	91.7%
Up	11	7	3	0	1	0	2	2	0	19	1	1
	16.4%	14.0%	7.7%	0.0%	8.3%	0.0%	28.6%	14.3%	0.0%	14.3%	20.0%	8.3%
Mean	0.13	0.14	0.08	-0.33	0.08	0.00	0.29	0.14	0.00	0.11	0.20	0.08
	d	D	D	aBCeg	d		d					

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number		100	500	1000	3500	5000	More				N4
Col %	Fewer than 100	100- 499	500- 999	1000- 2499	2500- 4999	5000- 9999	than 10,000	0%	1-24%	25-50%	More than 50%
	А	В	С	D	E	F	G	А	В	С	D
Total	74	60	13	19	7	5	14	115	93	23	5
	38.5%	31.3%	6.8%	9.9%	3.6%	2.6%	7.3%	48.7%	39.4%	9.7%	2.1%
Pension contributions											
Down	3	0	1	0	0	0	0	3	1	0	
	4.9%	0.0% c	10.0% b	0.0%	0.0%	0.0%	0.0%	3.4%	1.3%	0.0%	0.0%
No Change	49	41	9	15	7	4	8	68	70	17	4
	80.3%	85.4%	90.0%	93.8%	100.0%	100.0%	80.0%	78.2% b	90.9% a	89.5%	80.0%
Up	9	7	0	1	0	0	2	16	6	2	1
·	14.8%	14.6%	0.0%	6.3%	0.0%	0.0%	20.0%	18.4% b	7.8% a	10.5%	
Mean	0.10	0.15 c	-0.10 b	0.06	0.00	0.00	0.20	0.15	0.06	0.11	0.20

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Tatal	60	40	4.6	25	24	12
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Pension contributions						
Down	1	2	1	0	0	0
	2.3%	5.3%	2.6%	0.0%	0.0%	0.0%
No Change	35	29	33	27	28	8
	79.5%	76.3%	86.8%	87.1%	96.6%	88.9%
	е	е			ab	
Up	8	7	4	4	1	1
op.	18.2%	18.4%	10.5%	12.9%	3.4%	11.1%
	20.270	10.170	_0.070		3,	
Mean	0.16	0.13	0.08	0.13	0.03	0.11

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%			8 3.4%	44 18.7%			50 21.3%	15 6.4%	6 2.6%	25 10.6%
<u>Other</u>													
Down	1 2.0%	0 0.0%	0 0.0%			1 50.0% i	0 0.0%				0 0.0%	0 0.0%	0 0.0%
No Change	49 96.1%	5 100.0% e	7 100.0% e			0 0.0% abfII	8 100.0% e	0.0%			2 100.0%	1 100.0%	6 100.0% e
Up	1 2.0%	0 0.0%	0 0.0%	0 0.0%		1 50.0% i	0 0.0%				0 0.0%	0 0.0%	0 0.0%
Mean	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			S	ales Revenue	!					Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%		6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	
<u>Other</u>												
Down	0	0	0	1	0	0	0	0	0	1	0	0
	0.0%	0.0%	0.0%	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	2.8%	0.0%	0.0%
	d			а								
No Change	22	12	12	2	1	0	0	2	0	34	0	5
	100.0%	100.0%	100.0%	66.7%	50.0%	0.0%	0.0%	100.0%	0.0%	94.4%	0.0%	100.0%
	dE	е	е	a	Abc							
Up	0	0	0	0	1	0	0	0	0	1	0	0
	0.0%	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	2.8%	0.0%	0.0%
	E	е	е		Abc							
Mean	0.00	0.00	0.00	-0.33	0.50			0.00		0.00		0.00

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
<u>Other</u>											
Down	1 5.9%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 3.7%	0 0.0%	0 0.0%	0 0.0%
No Change	16 94.1%	12 100.0%	3 100.0%	5 83.3%	2 100.0%	0 0.0%	0 0.0%	25 92.6%	18 100.0%	4 100.0%	
Up	0 0.0%	0 0.0%	0 0.0%	1 16.7%	0 0.0%	0 0.0%	0 0.0%	1 3.7%	0 0.0%	0 0.0%	0 0.0%
Mean	-0.06	0.00	0.00	0.17	0.00			0.00	0.00	0.00	0.00

Q5. The U.S. recently changed its tax code (lower corporate tax rates, more favorable write-off for investments, change to territorial taxation with a deemed repatriation tax upon transition, etc.) Because of these tax code changes, has your company changed, or do you expect to change, your corporate plans for the dollar amount of the following? (Down/Up/No Change) - 2019 AVERAGE SCORES - Don't Know excluded

N=245	ed?					
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	13
Total	25.3%	20.7%	19.4%	14.8%	14.3%	_
				,	,	
<u>Other</u>						
Down	0	0	1	0	0	0
	0.0%	0.0%	10.0%	0.0%	0.0%	0.0%
No Change	14	10	8	8	8	1
	100.0%	100.0%	80.0%	100.0%	100.0%	100.0%
Up	0	0	1	0	0	0
	0.0%	0.0%	10.0%	0.0%	0.0%	0.0%
Mean	0.00	0.00	0.00	0.00	0.00	0.00

Q5b. Is your expected increase in 2019 U.S. investment because of...? (Check all that apply)

N=59	Total						Indu	ıstry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	59 100.0%	7 11.9%	5 8.5%	3 5.1%		4 6.8%	11 18.6%				3 5.1%	2 3.4%	4 6.8%
lower U.S. corporate income tax rate	31 52.5%	4 57.1%	3 60.0%	1 33.3%		2 50.0%	7 63.6%	-			3 100.0%	0 0.0%	3 75.0%
ability to immediately expense investment (vs. depreciation schedule in old tax code) net new investment (that otherwise	26 44.1%	3 42.9%	2 40.0%	2 66.7%		1 25.0%	5 45.5%				0 0.0%	0 0.0%	2 50.0%
would not have occurred without tax reform)	24 40.7%	1 14.3%	2 40.0%	2 66.7%		2 50.0%	6 54.5%				1 33.3%	0 0.0%	2 50.0%
shift of foreign investment to the U.S. because of tax reform	14 23.7%	1 14.3%	1 20.0%	0 0.0%		1 25.0%	2 18.2%				1 33.3%	1 50.0%	2 50.0%
other	7 11.9%	0 0.0%	0 0.0%	0 0.0%		1 25.0%	0 0.0% dk	0.0%			0 0.0%	1 50.0% f	1 25.0%

Q5b. Is your expected increase in 2019 U.S. investment because of...? (Check all that apply)

N=59			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	A	В	С	D	E
Total	17	14	10	4	6	2	4	4	3	43	3	1
	28.8%	23.7%	16.9%	6.8%	10.2%	3.4%	6.8%	6.8%	5.1%	72.9%	5.1%	1.7%
lower U.S. corporate	7	6	4	3	3	2	4	4	2	23	0	1
income tax rate	41.2%	42.9%	40.0%	75.0%	50.0%	100.0%	100.0%	100.0%	66.7%	53.5%	0.0%	100.0%
	g						a	d			a	
ability to immediately expense investment (vs. depreciation												
schedule in old tax	7	6	6	1	2	1	1	1	2	21	0	0
code)	41.2%	42.9%	60.0%	25.0%	33.3%	50.0%	25.0%	25.0%	66.7%	48.8%	0.0%	0.0%
net new investment (that otherwise would not have												
occurred without tax	7	3	7	3	1	1	1	0	1	19	1	1
reform)	41.2%	21.4% c			16.7%	50.0%	25.0%	0.0%	33.3%	44.2%	33.3%	100.0%
shift of foreign												
investment to the U.S.	2	3	3	1	1	0	3	2	0	10	1	1
because of tax reform	11.8%	21.4%			16.7%	0.0%	75.0%	50.0%	0.0%	23.3%	33.3%	
	g						а					
other	2	3	1	0	1	0	0	0	0	5	2	0
	11.8%	21.4%	10.0%	0.0%	16.7%	0.0%	0.0%	0.0%	0.0%	11.6%	66.7%	0.0%
										d	С	

Q5b. Is your expected increase in 2019 U.S. investment because of...? (Check all that apply)

N=59			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	18 30.5%	13 22.0%	5 8.5%	6 10.2%	1 1.7%	2 3.4%	5 8.5%	24 40.7%	25 42.4%	9 15.3%	1 1.7%
lower U.S. corporate income tax rate	8 44.4%	10 76.9% c	1 20.0% b	2 33.3%	1 100.0%	2 100.0%	4 80.0%	14 58.3%	11 44.0%	5 55.6%	1 100.0%
ability to immediately expense investment (vs. depreciation schedule in old tax code)	8 44.4%	6 46.2%	1 20.0%	3 50.0%	1 100.0%	0 0.0%	3 60.0%	9 37.5%	13 52.0%	3 33.3%	
net new investment (that otherwise would not have occurred without tax reform)	10 55.6%	3 23.1%	1 20.0%	4 66.7%	1 100.0%	0 0.0%	2 40.0%	10 41.7%	12 48.0%	2 22.2%	
shift of foreign investment to the U.S. because of tax reform	4 22.2%	4 30.8%	0 0.0%	0 0.0% e	1 100.0% d	1 50.0%	2 40.0%	4 16.7% c	4 16.0% cd	5 55.6% ab	
other	2 11.1%	1 7.7%	2 40.0%	2 33.3%	0 0.0%	0 0.0%	0 0.0%	3 12.5%	3 12.0%	1 11.1%	

Q5b. Is your expected increase in 2019 U.S. investment because of...? (Check all that apply)

N=59	Where are you personally located?										
Number			South		South						
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain					
	US	US	US	US	US	US					
	A	В	С	D	E	F					
Total	16	8	15	6	9	5					
	27.1%	13.6%	25.4%	10.2%	15.3%	8.5%					
lower U.S. corporate	8	5	9	4	3	2					
income tax rate	50.0%	62.5%	60.0%	66.7%	33.3%	40.0%					
ability to immediately expense investment (vs. depreciation											
schedule in old tax	4	5	6	5	2	4					
code)	25.0%	62.5%	40.0%	83.3%	22.2%	80.0%					
	df			ae	d	а					
net new investment (that otherwise would not have											
occurred without tax	6	3	7	2	5	1					
reform)	37.5%	37.5%	46.7%	33.3%	55.6%	20.0%					
shift of foreign											
investment to the U.S.	3	3	5	2	0	1					
because of tax reform	18.8%	37.5%	33.3%	33.3%	0.0%	20.0%					
other	2	0	1	0	3	1					
	12.5%	0.0%	6.7%	0.0%	33.3%	20.0%					

Q5b. Is your expected increase in 2019 U.S. investment because of...? (Check all that apply)

N=59	Total						Indu	ustry					
Number			Bank/Fin										_
Col %		Retail/ Whole- sale A	Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
due to elimination of worldwide taxation	6 10.2%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 25.0%	1 9.1%	. C) 1 3 33.3%	2 13.3%	0 0.0%	0 0.0%	1 25.0%

Q5b. Is your expected increase in 2019 U.S. investment because of...? (Check all that apply)

N=59			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	than \$10 billion G	Public, NYSE A	Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
due to elimination of worldwide taxation	3 17.6%	- 1 7.1%	0.0%	0 0.0%	1 16.7%	0.0%	1 25.0%	1 25.0%	0.0%	4 9.3%	0.0%	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Q5b. Is your expected increase in 2019 U.S. investment because of...? (Check all that apply)

N=59			Numb	er of Employ	/ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
due to elimination of worldwide taxation	2 11.1%	1 7.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 20.0%	2 8.3% d	1 4.0% D	2 22.2%	1 100.0% aB

Q5b. Is your expected increase in 2019 U.S. investment because of...? (Check all that apply)

N=59		Where are you personally located?									
Number			South		South	_					
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain					
	US	US	US	US	US	US					
	A	В	С	D	Е	F					
due to elimination of worldwide taxation	1 6.3%	3 37.5%	1 6.7%	1 16.7%	0 0.0%	0.0%					

Q5c. What aspect of the new tax code has caused your firm to expect to use a smaller dollar amount of U.S. debt in 2019? (Check all that apply)

N=17	Total						Indu	ıstry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	17 100.0%	2 11.8%	0 0.0%			1 5.9%	5 29.4%				0 0.0%	0 0.0%	1 5.9%
Higher interest rates	8 47.1%	1 50.0%	0.0%			0 0.0%	2 40.0%			3 50.0%	0 0.0%	0 0.0%	0 0.0%
Other	7 41.2%	0 0.0%	0.0%			1 100.0%	3 60.0%				0 0.0%	0 0.0%	1 100.0%
Lower U.S. corporate income tax rate (e.g., less benefit from interest tax deduction)	6 35.3%	1 50.0%	0 0.0%			0 0.0%	2 40.0%				0 0.0%	0 0.0%	0 0.0%
Increased access to foreign cash	3 17.6%	0 0.0%	0.0%			0 0.0%	0.0%				0 0.0%	0 0.0%	0 0.0%
Lower investment plans	3 17.6%	1 50.0%	0.0%			0 0.0%	0.0%			1 16.7%	0 0.0%	0 0.0%	0 0.0%
Concern about future interest deduction constraint due to cyclicality of EBITDA (or EBIT)	1 5.9%	0 0.0%	0 0.0%			0 0.0%	0 0.0%				0 0.0%	0 0.0%	0 0.0%

Q5c. What aspect of the new tax code has caused your firm to expect to use a smaller dollar amount of U.S. debt in 2019? (Check all that apply)

N=17			S	ales Revenue						Ownership		
Number Col %	Less than \$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	More than \$10	Public,	Public, Nasdaq/		Govern-	
	million A	million B	million C	million D	billion E	billion F	billion G	NYSE A	AMEX B	Private C	ment D	Nonprofit E
Total	6 35.3%	5 29.4%	2 11.8%		1 5.9%	0 0.0%		3 17.6%	1 5.9%	11 64.7%	0 0.0%	0 0.0%
Higher interest rates	3 50.0%	1 20.0%			0 0.0%	0 0.0%		2 66.7%	0 0.0%	6 54.5%	0 0.0%	0 0.0%
Other	2 33.3%	2 40.0%			1 100.0%	0 0.0%	1 50.0%	2 66.7%	1 100.0%	3 27.3%	0 0.0%	0 0.0%
Lower U.S. corporate income tax rate (e.g., less benefit from	2	1	2	1	0	0	0	4	0	F	0	0
interest tax deduction)	2 33.3%	20.0%			0 0.0%	0.0%	_	33.3%	0.0%	5 45.5%	0 0.0%	0.0%
Increased access to foreign cash	0 0.0%	1 20.0%			0 0.0%	0.0%		2 66.7%	0 0.0%	1 9.1%	0 0.0%	0 0.0%
Lower investment plans	1 16.7%	1 20.0%	_		0 0.0%	0 0.0%		0 0.0%	0 0.0%	2 18.2%	0 0.0%	0 0.0%
Concern about future interest deduction constraint due to cyclicality of EBITDA (or EBIT)	1 16.7%	0 0.0%	0 0.0%		0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 9.1%	0 0.0%	0 0.0%

Q5c. What aspect of the new tax code has caused your firm to expect to use a smaller dollar amount of U.S. debt in 2019? (Check all that apply)

N=17			Numb	er of Employ	rees				Foreign	Sales	
Number							More				
Col %	Fewer than 100	100- 499	500- 999	1000- 2499	2500- 4999	5000- 9999	than 10,000	0%	1-24%	25-50%	More than 50%
	A	В	С	D	E	F	G	Α	В	С	D
Total	5 29.4%	5 29.4%	1 5.9%	0 0.0%	0 0.0%	0 0.0%	2 11.8%	6 35.3%	9 52.9%	0 0.0%	2 11.8%
Higher interest rates	3 60.0%	2 40.0%	1 100.0%	0 0.0%	0 0.0%	0 0.0%	1 50.0%	4 66.7%	2 22.2%	0 0.0%	2 100.0%
	00.070	40.070	100.070	0.070	0.070	0.070	30.070	00.770	22.270	0.070	100.070
Other	2 40.0%	2 40.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 50.0%	3 50.0%	3 33.3%	0 0.0%	1 50.0%
Lower U.S. corporate income tax rate (e.g., less benefit from											
interest tax	1	3	1	0	0	0	0	3	2	0	1
deduction)	20.0%	60.0%	100.0%	0.0%	0.0%	0.0%	0.0%	50.0%	22.2%	0.0%	50.0%
Increased access to	0	2	0	0	0	0	1	0	1	0	2
foreign cash	0.0%	40.0%	0.0%	0.0%	0.0%	0.0%	50.0%	0.0% d	11.1% d	0.0%	100.0% ab
Lower investment	1	0	1	0	0	0	0	0	3	0	0
plans	20.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	33.3%	0.0%	0.0%
Concern about future interest deduction constraint due to											
cyclicality of EBITDA	1	0	0	0	0	0	0	0	1	0	0
(or EBIT)	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	11.1%	0.0%	0.0%

Q5c. What aspect of the new tax code has caused your firm to expect to use a smaller dollar amount of U.S. debt in 2019? (Check all that apply)

N=17		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	А	В	С	D	E	F
Total	6	3	3	2	3	0
Total	35.3%	17.6%	17.6%	11.8%	17.6%	0.0%
Higher interest rates	4	3	0	0	1	0
	66.7%	100.0%	0.0%	0.0%	33.3%	0.0%
Other	2	0	2	0	3	0
	33.3%	0.0%	66.7%	0.0%	100.0%	0.0%
Lower U.S. corporate income tax rate (e.g., less benefit from						
interest tax	4	1	0	1	0	0
deduction)	66.7%	33.3%	0.0%	50.0%	0.0%	0.0%
Increased access to	2	1	0	0	0	0
foreign cash	33.3%	33.3%	0.0%	0.0%	0.0%	0.0%
Lower investment	1	0	1	1	0	0
plans	16.7%	0.0%	33.3%	50.0%	0.0%	0.0%
Concern about future interest deduction constraint due to						
cyclicality of EBITDA (or EBIT)	0 0.0%	1 33.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
(OI LBIT)	0.0%	33.3%	0.0%	0.0%	0.0%	0.0%

Q5c. What aspect of the new tax code has caused your firm to expect to use a smaller dollar amount of U.S. debt in 2019? (Check all that apply)

N=17	Total						Indu	ustry					
Number			Bank/Fin										_
Col %		Retail/ Whole- sale A	Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Current constraint on interest deductions (Section 163(j))	1 5.9%	0 0.0%	0 0.0%	-	0 0.0%	0 0.0%	0.0%	_	_	-	0 0.0%	0 0.0%	0 0.0%

Q5c. What aspect of the new tax code has caused your firm to expect to use a smaller dollar amount of U.S. debt in 2019? (Check all that apply)

N=17			S	ales Revenue				Ownership				
Number Col %	Less than \$25 million A	\$25-99 million B	\$100-499 million	\$500-999 million D	\$1-4.9 billion F	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit F
Current constraint on interest deductions (Section 163(j))	1 16.7%	0	_	0	0 0.0%	0.0%	0 0.0%	0 0.0%	0 0.0%	1 9.1%	0 0.0%	0 0.0%

Q5c. What aspect of the new tax code has caused your firm to expect to use a smaller dollar amount of U.S. debt in 2019? (Check all that apply)

N=17 Number of Employees									Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Current constraint on interest deductions (Section 163(j))	1 20.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 11.1%	0 0.0%	0 0.0%

Q5c. What aspect of the new tax code has caused your firm to expect to use a smaller dollar amount of U.S. debt in 2019? (Check all that apply)

N=17		Wher	e are you per	sonally locat	ted?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Current constraint on interest deductions	0	1	0	0	0	0
(Section 163(j))	0.0%	_	0.0%	0.0%	0.0%	_

Q5d. To achieve the expected decrease in the dollar amount of 2019 U.S. debt, will you...? (Check all that apply)

N=18	Total						Indu	ıstry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	18 100.0%	2 11.1%	0 0.0%			1 5.6%	5 27.8%				0 0.0%	0 0.0%	1 5.6%
actively retire/reduce U.S. debt	14 77.8%	2 100.0%	0 0.0%			1 100.0%	4 80.0%				0 0.0%	0 0.0%	1 100.0%
passively reduce U.S. debt (as it matures)	4 22.2%	0 0.0%	0 0.0%			0 0.0%	0 0.0%				0 0.0%	0 0.0%	0 0.0%
replace debt with other external funding source	1 5.6%	0 0.0%	0 0.0%			0 0.0%	1 20.0%				0 0.0%	0 0.0%	0 0.0%
other	1 5.6%	0 0.0%	0 0.0%			0 0.0%	1 20.0%				0 0.0%	0 0.0%	0 0.0%
shift borrowing overseas or allocate more debt to non-U.S. subsidiaries/jurisdictions	0 0.0%	0 0.0%	0 0.0%			0 0.0%	0 0.0%				0 0.0%	0 0.0%	0 0.0%

Q5d. To achieve the expected decrease in the dollar amount of 2019 U.S. debt, will you...? (Check all that apply)

N=18			S	ales Revenue						Ownership		
Number Col %	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Total	6 33.3%	6 33.3%			1 5.6%	0 0.0%	2 11.1%	3 16.7%	1 5.6%	12 66.7%	0 0.0%	0 0.0%
actively retire/reduce U.S. debt	6 100.0% de	5 83.3%			0 0.0% a	0 0.0%	1 50.0%	2 66.7%	1 100.0%	10 83.3%	0 0.0%	0 0.0%
passively reduce U.S. debt (as it matures)	0 0.0% d	1 16.7%			0 0.0%	0 0.0%	1 50.0%	2 66.7%	0 0.0%	2 16.7%	0 0.0%	0 0.0%
replace debt with other external funding source	0 0.0% e	0 0.0% e	0.0%	0.0%	1 100.0% ab	0 0.0% 0	0 0.0% 0	0 0.0% 0	0 0.0% 0	0 0.0%	0.0%	0 0.0% 0
shift borrowing overseas or allocate more debt to non-U.S.	16.7%	0.0%			0.0%	0.0%	0.0%	0.0%	0.0%	1 8.3%	0 0.0%	
subsidiaries/ jurisdictions	0 0.0%	0 0.0%			0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

Q5d. To achieve the expected decrease in the dollar amount of 2019 U.S. debt, will you...? (Check all that apply)

N=18			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	5 27.8%	6 33.3%	1 5.6%	0 0.0%	0 0.0%	0 0.0%	2 11.1%	6 33.3%	10 55.6%	0 0.0%	2 11.1%
actively retire/reduce U.S. debt	5 100.0%	6 100.0% c	0 0.0% b	0 0.0%	0 0.0%	0 0.0%	1 50.0%	6 100.0%	7 70.0%	0 0.0%	1 50.0%
passively reduce U.S. debt (as it matures)	0 0.0%	1 16.7%	1 100.0%	0 0.0%	0 0.0%	0 0.0%	1 50.0%	0 0.0% d	2 20.0%	0 0.0%	2 100.0% a
replace debt with other external funding source other	0 0.0% 1 20.0%	0 0.0% 0 0.0%	0 0.0% 0 0.0%	0 0.0% 0 0.0%	0 0.0% 0 0.0%	0 0.0% 0 0.0%	0 0.0% 0 0.0%	0 0.0% 1 16.7%	1 10.0% 0 0.0%	0 0.0% 0 0.0%	0
shift borrowing overseas or allocate more debt to non-U.S. subsidiaries/jurisdictions	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

Q5d. To achieve the expected decrease in the dollar amount of 2019 U.S. debt, will you...? (Check all that apply)

N=18		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	7	3	3	2	3	0
Total	38.9%	16.7%	16.7%	11.1%	16.7%	0.0%
actively retire/reduce	5	2	3	2	2	0
U.S. debt	71.4%	66.7%	100.0%	100.0%	66.7%	0.0%
passively reduce U.S.	3	1	0	0	0	0
debt (as it matures)	42.9%	33.3%	0.0%	0.0%	0.0%	0.0%
replace debt with						
other external	0	0	0	0	1	0
funding source	0.0%	0.0%	0.0%	0.0%	33.3%	0.0%
other	0	1	0	0	0	0
	0.0%	33.3%	0.0%	0.0%	0.0%	0.0%
shift borrowing overseas or allocate more debt to non-U.S.						
subsidiaries/	0	0	0	0	0	0
jurisdictions	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Q5e. What external funding source(s) will replace debt? (Check all that apply)

N=1	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	1 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 100.0%	0 0.0%			0 0.0%	0 0.0%	0 0.0%
Common stock	1 100.0%	0 0.0%	0 0.0%		0 0.0%	0 0.0%	1 100.0%	0 0.0%			0 0.0%	0 0.0%	0 0.0%
Preferred stock	1 100.0%	0 0.0%	0 0.0%		0 0.0%	0 0.0%	1 100.0%	0 0.0%			0 0.0%	0 0.0%	0 0.0%
Leasing	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	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%	0 0.0%	0 0.0%		0 0.0%	0 0.0%	0 0.0%	0 0.0%

Q5e. What external funding source(s) will replace debt? (Check all that apply)

N=1			S	ales Revenue						Ownership		
Number Col %	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Total	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Common stock	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 100.0%	0 0.0%		0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Preferred stock	0 0.0%	0 0.0%	0 0.0%		1 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Leasing	0 0.0%	0 0.0%	0 0.0%		0 0.0%	0 0.0%	0 0.0%	0 0.0%	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%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

Q5e. What external funding source(s) will replace debt? (Check all that apply)

N=1			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	0	0	0	0	0	0	0	0	1	0	0
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
Common stock	0	0	0	0	0	0	0	0	1	0	0
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
Preferred stock	0	0	0	0	0	0	0	0	1	0	0
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
Leasing	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	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%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Q5e. What external funding source(s) will replace debt? (Check all that apply)

N=1	Where are you personally located?										
Number			South		South	_					
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain					
	US	US	US	US	US	US					
	Α	В	С	D	E	F					
Total	0	0	0	0	1	0					
	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%					
Common stock	0	0	0	0	1	0					
	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%					
Preferred stock	0	0	0	0	1	0					
	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%					
Leasing	0	0	0	0	0	0					
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%					

Q6a. How would you rate the overall effect of the tax code changes on your firm over the next three years?

N=245	Total						Indu	stry					
Number			Bank/Fin										
Col %		Retail/ Whole- sale A	Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
			U		<u> </u>	L	'	<u> </u>			J	K	
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%	9 3.8%	8 3.4%	44 18.7%	2 0.9%			15 6.4%	6 2.6%	25 10.6%
Large down	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%			0 0.0%	0 0.0%	0 0.0%
Medium down	15 6.2%	1 3.7%	4 16.0%	1 9.1%	1 11.1%	0 0.0%	2 4.7%				0 0.0%	0 0.0%	2 8.0%
Small down	18 7.5%	3 11.1%	0 0.0% dl	0 0.0%		0 0.0%	4 9.3%	0 0.0%			0 0.0%	0 0.0%	4 16.0% b
No change	47 19.5%	3 11.1% hK	3 12.0% K	1 9.1% k	2 22.2%	0 0.0% k	11 25.6% k	0.0%		12.0%	4 26.7%	4 66.7% ABcefl	7 28.0%
Small up	71 29.5%	12 44.4% ei	10 40.0%	2 18.2%		0 0.0% ah	11 25.6%			22.0%	5 33.3%	1 16.7%	7 28.0%
Medium up	63 26.1%	5 18.5% cei	4 16.0% cei	6 54.5% abfhkl	1 11.1%	4 57.1% abhkl	10 23.3% ci	0 0.0%		44.0%	4 26.7%	0 0.0% cei	4 16.0% cei
Large up	22 9.1%	2 7.4% e	3 12.0%	1 9.1%	1 11.1%	3 42.9% afhII	5 11.6% e	0.0%		6.0%	2 13.3%	1 16.7%	1 4.0% e
Don't Know	5 2.1%	1 3.7% g	1 4.0% g	0 0.0% g		0 0.0%	0 0.0% dG		7.7%		0 0.0% g	0 0.0%	0 0.0% G

Q6a. How would you rate the overall effect of the tax code changes on your firm over the next three years?

N=245			S	ales Revenue	!					Ownership		
Number	Less than						More		Public,			
Col %	\$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	than \$10 billion G	Public, NYSE A	Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Total	88 37.6%	62 26.5%			14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	
Large down	0 0.0%	0 0.0%			0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	_
Medium down	5 5.8%	3 4.8%	3 6.5%		1 7.1%	1 14.3%	0 0.0%	2 11.8%	0 0.0%	10 6.1%	0 0.0%	
Small down	7 8.1%	3 4.8%			2 14.3%	0 0.0%	2 22.2%	3 17.6%	0 0.0%	9 5.5%	0 0.0%	
No change	21 24.4%	16 25.8%			2 14.3%	1 14.3%	0 0.0%	1 5.9% de	1 12.5%	29 17.7% dE	3 60.0% ac	44.4%
Small up	30 34.9%	17 27.4%			2 14.3%	0 0.0%	1 11.1%	3 17.6%	2 25.0%	54 32.9%	1 20.0%	
Medium up	16 18.6% fg	18 29.0%			3 21.4%	4 57.1% a		7 41.2% e	3 37.5% e	43 26.2%	0 0.0%	
Large up	5 5.8% E	3 4.8% dE			4 28.6% AB	0 0.0%	1 11.1%	1 5.9%	2 25.0%	15 9.1%	1 20.0%	
Don't Know	2 2.3%	2 3.2%		0.0%	0 0.0%	1 14.3% c	0 0.0%	0 0.0%	0 0.0%	4 2.4%	0 0.0%	

Q6a. How would you rate the overall effect of the tax code changes on your firm over the next three years?

N=245			Numb	er of Employ		A B C D 4 115 93 23 4 48.7% 39.4% 9.7% 2.1 0 0 0 0 0 0 0 0.0% 0.0% 0.0% 0.0 2 7 5 1 6.1% 5.4% 4.3% 20.0 1 8 9 1 7.0% 9.8% 4.3% 0.0 1 22 18 6 1 19.3% 19.6% 26.1% 0.0 1 30 28 9						
Number							More					
Col %	Fewer than 100	100- 499	500- 999	1000- 2499	2500- 4999	5000- 9999	than 10,000				than 50%	
	A	В	С	D	E	F	G	А	В	C	ט	
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%				5 2.1%	
Large down	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%			_	_	
Medium down	4 5.6%	2 3.3%	0 0.0%	1 5.3%	1 14.3%	0 0.0%	2 14.3%					
Small down	3 4.2% F	6 10.0%	0 0.0% f	1 5.3% f	0 0.0%	2 40.0% Acd	1 7.1%				_	
No change	16 22.2%	13 21.7%	5 38.5%	2 10.5%	1 14.3%	0 0.0%	1 7.1%					
Small up	23 31.9%	20 33.3%	4 30.8%	8 42.1% g	2 28.6%	1 20.0%	1 7.1% d	30 26.3%	28 30.4%	9 39.1%		
Medium up	14 19.4% g	16 26.7%	2 15.4%	4 21.1%	2 28.6%	2 40.0%	7 50.0% a	30 26.3%	23 25.0%	5 21.7%		
Large up	10 13.9% b	2 3.3% a	2 15.4%	3 15.8%	1 14.3%	0 0.0%	2 14.3%	14 12.3%	7 7.6%	1 4.3%		
Don't Know	2 2.8%	1 1.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 2.6%	2 2.2%	0 0.0%	0 0.0%	

Q6a. How would you rate the overall effect of the tax code changes on your firm over the next three years?

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	_
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Large down	0	0	0	0	0	0
0.00	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Medium down	3	3	2	4	1	1
	5.0%	6.3%	4.3%	11.8%	2.9%	7.7%
Small down	6	3	4	1	3	1
	10.0%	6.3%	8.7%	2.9%	8.8%	7.7%
No change	15	7	3	10	7	5
S	25.0%	14.6%	6.5%	29.4%	20.6%	38.5%
	С		aDF	С		С
Small up	19	14	12	12	9	2
·	31.7%	29.2%	26.1%	35.3%	26.5%	15.4%
Medium up	12	15	19	6	8	1
	20.0%	31.3%	41.3%	17.6%	23.5%	7.7%
	С		adf	С		С
Large up	4	5	5	1	5	2
	6.7%	10.4%	10.9%	2.9%	14.7%	15.4%
Don't Know	1	1	1	0	1	1
	1.7%	2.1%	2.2%	0.0%	2.9%	7.7%

Q6a. How would you rate the overall effect of the tax code changes on your firm over the next three years? DK Excluded

N=245	Total						Indu	ıstry					
Number			Bank/Fin										
Col %		Retail/ Whole- sale A	Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%			8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
Medium down	15 6.4%	1 3.8%	4 16.7%			0 0.0%	2 4.7%				0 0.0%	0 0.0%	2 8.0%
Small down	18 7.6%	3 11.5%	0 0.0% dl	0.0%		0 0.0%	4 9.3%				0 0.0%	0 0.0%	4 16.0% b
No change	47 19.9%	3 11.5% hK	3 12.5% K	9.1%	25.0%	0 0.0% k	11 25.6% k	0.0%			4 26.7%	4 66.7% ABcefl	7 28.0%
Small up	71 30.1%	12 46.2% ei	10 41.7% e	18.2%		0 0.0% abgh	11 25.6%		50.0%	22.0%	5 33.3%	1 16.7%	7 28.0%
Medium up	63 26.7%	5 19.2% ci	4 16.7% cei	54.5%	12.5%	4 57.1% bhkl	10 23.3% ci	0.0%		44.0%	4 26.7%	0 0.0% cei	4 16.0% cei
Large up	22 9.3%	2 7.7% e	3 12.5%			3 42.9% afhIl	5 11.6% e	0.0%		6.0%	2 13.3%	1 16.7%	1 4.0% e
Mean	0.91	0.88 E	0.79 e			2.43 AbDFHIjKL	0.88 E		0.67 E	1.06 El	1.27 el	0.67 E	0.40 Eij

Q6a. How would you rate the overall effect of the tax code changes on your firm over the next three years? DK Excluded

N=245			S	ales Revenue	<u> </u>					Ownership		
Number Col %	Less than \$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	More than \$10	Public,	Public, Nasdaq/		Govern-	
	million A	million B	million C	million D	billion E	billion F	billion G	NYSE A	AMEX B	Private C	ment D	Nonprofit E
Total	88 37.6%	62 26.5%	46 19.7%		14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	18 8.4%
Medium down	5 6.0%	3 5.0%	3 6.5%		1 7.1%	1 16.7%	0 0.0%	2 11.8%	0 0.0%	10 6.3%	0 0.0%	2 11.1%
Small down	7 8.3%	3 5.0%	3 6.5%		2 14.3%	0 0.0%	2 22.2%	3 17.6%	0 0.0%	9 5.6%	0 0.0%	3 16.7%
No change	21 25.0%	16 26.7%	7 15.2%		2 14.3%	1 16.7%	0 0.0%	1 5.9% de	1 12.5%	29 18.1% dE	3 60.0% ac	8 44.4% aC
Small up	30 35.7%	17 28.3%	15 32.6%		2 14.3%	0 0.0%	1 11.1%	3 17.6%	2 25.0%	54 33.8%	1 20.0%	3 16.7%
Medium up	16 19.0% Fg	18 30.0%	11 23.9% f	25.0%	3 21.4%	4 66.7% Ac	5 55.6% a	7 41.2% e	3 37.5% e	43 26.9% e	0 0.0%	1 5.6% abc
Large up	5 6.0% E	3 5.0% dE	7 15.2%		4 28.6% AB	0 0.0%	1 11.1%	1 5.9%	2 25.0%	15 9.4%	1 20.0%	1 5.6%
Mean	0.71	0.88	1.07	1.50	1.14	1.00	1.33	0.76	1.75 E	0.98 E	0.80	0.06 BC

Q6a. How would you rate the overall effect of the tax code changes on your firm over the next three years? DK Excluded

N=245			Numb			Foreign	ign Sales				
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Medium down	4 5.7%	2 3.4%	0 0.0%	1 5.3%	1 14.3%	0 0.0%	2 14.3%	7 6.3%	5 5.6%	1 4.3%	1 20.0%
Small down	3 4.3% F	6 10.2%	0 0.0% f	1 5.3% f	0 0.0%	2 40.0% Acd	1 7.1%	8 7.2%	9 10.0%	1 4.3%	0 0.0%
No change	16 22.9%	13 22.0%	5 38.5%	2 10.5%	1 14.3%	0 0.0%	1 7.1%	22 19.8%	18 20.0%	6 26.1%	0 0.0%
Small up	23 32.9%	20 33.9%	4 30.8%	8 42.1% g	2 28.6%	1 20.0%	1 7.1% d	30 27.0%	28 31.1%	9 39.1%	1 20.0%
Medium up	14 20.0% g	16 27.1%	2 15.4%	4 21.1%	2 28.6%	2 40.0%	7 50.0% a	30 27.0%	23 25.6%	5 21.7%	3 60.0%
Large up	10 14.3% b	2 3.4% a	2 15.4%	3 15.8%	1 14.3%	0 0.0%	2 14.3%	14 12.6%	7 7.8%	1 4.3%	0 0.0%
Mean	1.00	0.81	1.08	1.16	1.00	0.60	1.14	0.99	0.84	0.83	1.00

Q6a. How would you rate the overall effect of the tax code changes on your firm over the next three years? DK Excluded

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest US	Northeast US	Central US	Pacific US	Atlantic US	Mountain US
,	Α	В	С	D	E	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Medium down	3	3	2	4	1	1
	5.1%	6.4%	4.4%	11.8%	3.0%	8.3%
Small down	6	3	4	1	3	1
	10.2%	6.4%	8.9%	2.9%	9.1%	8.3%
No change	15	7	3	10	7	5
No change	25.4%	14.9%	6.7%	29.4%	21.2%	41.7%
	C	f	aDF	C		bC
Small up	19	14	12	12	9	2
	32.2%	29.8%	26.7%	35.3%	27.3%	16.7%
Medium up	12	15	19	6	8	1
Mediani ap	20.3%	_	42.2%	17.6%	24.2%	8.3%
	c	02.070	adf	C	,	C
Large up	4	5	5	1	5	2
. 0 1	6.8%	10.6%	11.1%	2.9%	15.2%	16.7%
Mean	0.73	1.06	1.27	0.53	1.06	0.58
	С		ad	С		

Q6b1. What was your overall effective (average) tax rate in tax year 2017?

N=245	Total						Indu	ıstry					
Mean			Bank/Fin										
Median		Retail/	Insur	Mining	Trans-		Service	Commun-	Tech Soft-		Health-		
		Whole-	Real	Construc-	portation		Consult-	ications	Hardware	Manufac-	care	Agr, Pub	Other
		sale	Estate	tion	Pub. Util	Energy	ing	Media	Bio	turing	Pharm	Admin	Industry
		A	В	С	D	E	F	G	Н	I	J	K	L
Number	235	27	25	11	9	8	44	2	. 13	50	15	6	25
Percent	100.0%	11.5%	10.6%	4.7%	3.8%	3.4%	18.7%	0.9%	5.5%	21.3%	6.4%	2.6%	10.6%
What was your	23.95	27.22	32.55	27.87	14.71	34.20	23.59	0.00	15.18	27.54	22.29	15.00	12.71
overall effective	30.00	35.00	34.00	32.00	15.00	36.00	27.50	0.00	10.50	34.00	26.50	25.00	0.00
(average) tax rate in tax year 2017?													
tax year 2017:		hL	dHkL	1	bei	dhkL	I		aBei	dhL		be	ABcEfI

Q6b1. What was your overall effective (average) tax rate in tax year 2017?

N=245			S	ales Revenue						Ownership		
Mean Median	Less than \$25 million	\$25-99 million	\$100-499 million	\$500-999 million	\$1-4.9 billion	\$5-9.9 billion	More than \$10 billion	Public, NYSE	Public, Nasdaq/ AMEX	Private	Govern- ment	Nonprofit
	A	В	С	D	E	F	G	A	В	С	D	E
Number	88	62	46	8	14	7	9	17	8	166	5	18
Percent	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
What was your	21.70	21.99	27.35	35.33	26.65	23.60	27.25	26.18	27.45	26.37	5.00	2.87
overall effective (average) tax rate in tax year 2017?	25.00	31.75	34.00	35.00	34.00	30.00	30.00	28.00	38.00	33.00	0.00	0.00
•				g			d	DE	dE	DE	AbC	ABC

Q6b1. What was your overall effective (average) tax rate in tax year 2017?

N=245			Numb	er of Employ			Foreign	Sales			
Mean							More				_
Median	Fewer than 100	100- 499	500- 999	1000- 2499	2500- 4999	5000- 9999	than 10,000	0%	1-24%	25-50%	More than 50%
	A	В	C	D	E	F	G	Α	В	C	D
Number	74	60	13	19	7	5	14	115	93	23	5
Percent	38.5%	31.3%	6.8%	9.9%	3.6%	2.6%	7.3%	48.7%	39.4%	9.7%	2.1%
What was your	24.48	22.15	27.43	26.00	25.86	25.00	26.30	24.12	24.12	23.37	20.40
overall effective (average) tax rate in tax year 2017?	28.00	31.25	34.00	35.00	37.00	30.00	31.00	31.50	30.50	32.00	27.00

Q6b1. What was your overall effective (average) tax rate in tax year 2017?

N=245		Where	e are you per	sonally locat	ted?	
Mean			South		South	
Median	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Number Percent	60 25.3%	_	46 19.4%	35 14.8%	34 14.3%	13 5.5%
reiteilt	23.370	20.776	13.470	14.070	14.5/0	3.3/0
What was your	25.18	27.89	27.33	19.97	15.42	25.84
overall effective (average) tax rate in tax year 2017?	32.74	33.80	35.00	25.00	17.00	31.50
	е	Е	Е		aBC	

Q6b2. What do you expect your effective (average) tax rate to be in tax year 2018?

N=245	Total						Indu	stry					
Mean			Bank/Fin										<u> </u>
Median		Retail/	Insur	Mining	Trans-		Service	Commun-	Tech Soft-		Health-		
		Whole-	Real	Construc-	portation		Consult-	ications	Hardware	Manufac-	care	Agr, Pub	Other
		sale	Estate	tion	Pub. Util	Energy	ing	Media	Bio	turing	Pharm	Admin	Industry
		Α	В	С	D	E	F	G	Н		J	K	L
						_		_				_	
Number	235	27	25	11	9	8	44	2	13	50	15	6	25
Percent	100.0%	11.5%	10.6%	4.7%	3.8%	3.4%	18.7%	0.9%	5.5%	21.3%	6.4%	2.6%	10.6%
What do you expect	18.79	21.38	23.13	20.51	13.57	25.00	19.33	15.00	13.71	21.74	17.79	12.17	9.29
your effective	22.00	25.50	24.00	22.00	20.50	25.00	23.00	7.50	19.00	24.00	22.00	21.00	0.00
(average) tax rate to be in tax year 2018?													
		L	dhkL	I	b	L	L		bi	hL		b	ABcEFI

Q6b2. What do you expect your effective (average) tax rate to be in tax year 2018?

N=245			S	ales Revenue						Ownership		
Mean Median	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Number Percent	88 37.6%	62 26.5%	46 19.7%	_	14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	18 8.4%
What do you expect your effective (average) tax rate to be in tax year 2018?	17.33 20.00	17.45 21.50	20.63 24.00		21.07 23.00	18.40 25.00		23.00 24.00 DE	19.50 22.00 E	20.59 23.00 DE	5.00 0.00 AC	0.00

Q6b2. What do you expect your effective (average) tax rate to be in tax year 2018?

N=245			Numb	er of Employ			Foreign	Sales			
Mean							More				
Median	Fewer than 100	100- 499	500- 999	1000- 2499	2500- 4999	5000- 9999	than 10,000	0%	1-24%	25-50%	More than 50%
	A	В	C	D	E	ŀ	G	Α	В	С	D
Number	74	60	13	19	7	5	14	115	93	23	5
Percent	38.5%	31.3%	6.8%	9.9%	3.6%	2.6%	7.3%	48.7%	39.4%	9.7%	2.1%
What do you expect	19.93	16.81	21.05	21.38	20.86	25.33	19.25	18.04	19.67	19.35	18.00
your effective (average) tax rate to be in tax year 2018?	21.50	21.00	27.00	24.00	28.50	27.00	24.00	22.00	21.50	24.00	22.50

Q6b2. What do you expect your effective (average) tax rate to be in tax year 2018?

N=245		Where	e are you per	sonally locat	:ed?	
Mean			South		South	
Median	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	A	В	С	D	E	F
Number Percent	60 25.3%	_	46 19.4%	35 14.8%	34 14.3%	13 5.5%
What do you expect	19.83		20.69	17.50	12.59	19.69
your effective (average) tax rate to be in tax year 2018?	24.50	_	23.00	21.00	14.50	
·	e	Е	Е		aBC	

Q6b. Shows the overall difference between overall effective (average) tax rate in tax year 2017 - vs. - expected effective (average) tax rate in tax year 2018:

N=245	Total						Indu	ıstry					
Mean			Bank/Fin										_
Median		Retail/ Whole- sale	Insur Real Estate	Mining Construc- tion	Trans- portation Pub. Util	Energy	Service Consult- ing	Communications Media	Tech Soft- Hardware Bio	Manufac- turing	Health- care Pharm	Agr, Pub Admin	Other Industry
		Α	В	C	D	Ł	F .	G	Н	Į.	J	K	L.
Number	245	27	25	11	9	8	44	2	13	50	15	6	25
Percent	100.0%	11.5%	10.6%	4.7%	3.8%	3.4%	18.7%	0.9%	5.5%	21.3%	6.4%	2.6%	10.6%
Q6b	5.17 5.00	5.84 7.00	9.44 8.00	7.36 8.60		9.20 10.00	4.28 3.00		0.00		4.57 5.00	2.83 0.00	3.43 0.00
						hkl			е			е	е

Q6b. Shows the overall difference between overall effective (average) tax rate in tax year 2017 - vs. - expected effective (average) tax rate in tax year 2018:

N=245			S	ales Revenue						Ownership		
Mean	Less than						More		Public,			_
Median	\$25 million	\$25-99 million	\$100-499 million	\$500-999 million	\$1-4.9 billion	\$5-9.9 billion	than \$10 billion	Public, NYSE	Nasdaq/ AMEX	Private	Govern- ment	Nonprofit
	A	В	С	D	E	F	G	A	В	С	D	<u>E</u>
Number	88	62	46	8	14	7	9	17	8	166	5	18
Percent	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
Q6b	4.36	4.54	6.72	9.00	5.64	5.20	4.75	3.21	8.00	5.81	0.00	0.47
	2.00	3.00	7.00	10.00	9.00	5.00	6.00	5.00	12.00	6.00	0.00	0.00
									E	е		Вс

Q6b. Shows the overall difference between overall effective (average) tax rate in tax year 2017 - vs. - expected effective (average) tax rate in tax year 2018:

N=245			Numb	er of Employ			Foreign Sales More 1-24% 25-50% than 50% A B C D 115 93 23 5 48.7% 39.4% 9.7% 2.1%				
Mean Median	Fewer than 100	100- 499	500- 999	1000- 2499	2500- 4999	5000- 9999	More than 10,000	0%	1-24%	25-50%	
	A	В	С	D	Е	F	G	Α	В	С	D
Number	74	60	13	19	7	5	14	115	93	23	5
Percent	38.5%	31.3%	6.8%	9.9%	3.6%	2.6%	7.3%	48.7%	39.4%	9.7%	2.1%
Q6b	4.58	5.33	6.38	4.63	5.00	-0.33	7.08	6.10	4.45	4.05	
	4.00	6.00	8.00	5.00	6.50	4.00	7.00	5.00	5.00	6.00	3.00

Q6b. Shows the overall difference between overall effective (average) tax rate in tax year 2017 - vs. - expected effective (average) tax rate in tax year 2018:

N=245		Where	e are you per	sonally locat	ted?	
Mean			South		South	
Median	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	A	В	С	D	E	F
Number	60	49	46	35	34	13
Percent	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Q6b	5.36	7.19	6.66	2.47	2.57	6.15
	5.00	5.50	7.00	0.00	0.00	6.50
		de	de	bc	bc	

Q6c. There will be full-expensing of qualified capital expenditures for the next five years, which will then begin to phase out starting six years from now. We'd like to learn whether this eventual phase-out might affect when your company initiates expenditures. Because of this phase out, does your company plan to shift spending so that it occurs sooner?

N=245	Total						Indu	stry					
Number			Bank/Fin										
Col %		Retail/ Whole- sale	Insur Real Estate	Mining Construc- tion	Trans- portation Pub. Util	Energy	Service Consult- ing F	Communications Media	Tech Soft- Hardware Bio H	Manufac- turing	Health- care Pharm	Agr, Pub Admin	Other Industry
		A	В	С	D	E	F	G	Н	<u> </u>	J	K	L
Total	235 100.0%	27 11.5%	25 10.6%			8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
Yes, substantial													
shifting into the next	21	3	3	2	1	1	1	0	2	4	3	1	0
five years	8.9%	11.1%	12.5%			14.3%	2.3% cj	0.0%			21.4% fl	16.7% I	0.0% chjk
Yes, small to moderate shifting													
into the next five	67	12	4		0	3	9				5	1	5
years	28.4%	44.4% bdf	16.7% ai		0.0% acei	42.9% d	20.5% ai		16.7%	40.0% bdf	35.7%	16.7%	20.0%
No shifting of													
spending into the	98	5	12			2	24	_			5	4	15
next five years	41.5%	18.5% bdFkL	50.0% a		66.7% ai	28.6%	54.5% Ai		50.0%	30.0% dfl	35.7%	66.7% a	60.0% Aci
We have not planned	39	6	3	2	1	1	9	2	2	10	1	0	2
that far out yet	16.5%	22.2% g	12.5% G	20.0%	11.1% g	14.3%	20.5% g	100.0%	16.7%	20.0%	7.1% G	0.0% g	8.0% G
Don't know	11	1	2	0	1	0	1	0	0	1	0	0	3
	4.7%	3.7%	8.3%		11.1%	0.0%	2.3%				0.0%	0.0%	12.0%

Q6c. There will be full-expensing of qualified capital expenditures for the next five years, which will then begin to phase out starting six years from now. We'd like to learn whether this eventual phase-out might affect when your company initiates expenditures. Because of this phase out, does your company plan to shift spending so that it occurs sooner?

N=245			S	ales Revenue						Ownership		
Number Col %	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Total	88 37.6%	62 26.5%		_	14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	18 8.4%
Yes, substantial shifting into the next five years	7 8.3%	7 11.5%			1 7.1%	0 0.0%	1 11.1%	0 0.0% b	3 37.5% ace	15 9.3% b	0 0.0%	1 5.6% b
Yes, small to moderate shifting into the next five years	20 23.8%	16 26.2%			5 35.7%	4 57.1%	4 44.4%	7 41.2% e	1 12.5%	51 31.5% e	1 20.0%	1 5.6% ac
No shifting of spending into the next five years	39 46.4%	28 45.9%	_		4 28.6%	2 28.6%	2 22.2%	6 35.3% e	2 25.0% e	59 36.4% dE	4 80.0% c	13 72.2% abC
We have not planned that far out yet	15 17.9%	8 13.1%			3 21.4%	0 0.0%	1 11.1%	2 11.8%	2 25.0%	31 19.1%	0 0.0%	2 11.1%
Don't know	3 3.6%	2 3.3%		1 12.5%	1 7.1%	1 14.3%	1 11.1%	2 11.8%	0 0.0%	6 3.7%	0 0.0%	1 5.6%

Q6c. There will be full-expensing of qualified capital expenditures for the next five years, which will then begin to phase out starting six years from now. We'd like to learn whether this eventual phase-out might affect when your company initiates expenditures. Because of this phase out, does your company plan to shift spending so that it occurs sooner?

N=245			Numb	er of Employ	rees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Yes, substantial shifting into the next	6	9	1	1	0	0	2	12	7	1	1
five years Yes, small to	8.5%	15.3%	7.7%	5.3%	0.0%	0.0%	14.3%	10.9%	7.5%	4.3%	20.0%
moderate shifting into the next five years	17 23.9%	13 22.0% e	5 38.5%	6 31.6%	4 57.1% b	3 60.0%	6 42.9%	27 24.5%	32 34.4%	6 26.1%	1 20.0%
No shifting of spending into the next five years	31 43.7%	20 33.9%	6 46.2%	9 47.4%	2 28.6%	0 0.0%	4 28.6%	46 41.8%	39 41.9%	9 39.1%	1 20.0%
We have not planned that far out yet	13 18.3%	16 27.1% c	0 0.0% b	3 15.8%	0 0.0%	1 20.0%	1 7.1%	19 17.3%	14 15.1%	5 21.7%	1 20.0%
Don't know	4 5.6%	1 1.7% f	1 7.7%	0 0.0%	1 14.3%	1 20.0% b	1 7.1%	6 5.5%	1 1.1% cD	2 8.7% b	1 20.0% B

Q6c. There will be full-expensing of qualified capital expenditures for the next five years, which will then begin to phase out starting six years from now. We'd like to learn whether this eventual phase-out might affect when your company initiates expenditures. Because of this phase out, does your company plan to shift spending so that it occurs sooner?

N=245		Where	e are you per	sonally locat	:ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	A	В	С	D	E	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Yes, substantial						
shifting into the next	5	2	5	3	3	3
five years	8.5%		10.9%	8.8%	8.8%	23.1%
		f				b
Yes, small to moderate shifting						
into the next five	20	18	10	9	6	3
years	33.9%	39.1%	21.7%	26.5%	17.6%	23.1%
		е			b	
No shifting of						
spending into the	25	13	19	14	19	6
next five years	42.4%	28.3%	41.3%	41.2%	55.9%	46.2%
		е			b	
We have not planned	9	10	8	6	6	0
that far out yet	15.3%	21.7%	17.4%	17.6%	17.6%	0.0%
Don't know	0	3	4	2	0	1
	0.0%		8.7%	5.9%	0.0%	7.7%
	bcf	a	а			a

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole-	Bank/Fin Insur Real	Mining Construc-	Trans-		Service Consult-	Commun- ications	Tech Soft- Hardware	Manufac-	Health- care	Agr, Pub	Other
		sale A	Estate B	tion C	Pub. Util D	Energy E	ing F	Media G	Bio H	turing I	Pharm J	Admin K	Industry L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%	9 3.8%	8 3.4%	44 18.7%		_	50 21.3%	15 6.4%	6 2.6%	25 10.6%
Blockchain technology													
I have never heard of	25 10.5%	3 11.1%	2 8.0%	2 18.2%	1 11.1%	0 0.0%	2 4.5% g	50.0%	7.7%	7 14.0%	2 13.3%	0 0.0%	3 12.5%
I know the name but I cannot say	36 15.1%	9 33.3% i	4 16.0%	1 9.1%		1 12.5%	7 15.9%	_		7 14.0% a	2 13.3%	0 0.0%	3 12.5%
I understand basically what it is but not the details	138 57.7%	11 40.7% ij	14 56.0%	6 54.5%		2 25.0% fij	28 63.6% eh	50.0%		33 66.0% aeh	11 73.3% aeh	4 66.7%	_
I understand this technology well	34 14.2%	4 14.8% e	5 20.0% e	1 9.1% e		5 62.5% abcFIJL	4 9.1% Eh	0.0%		3 6.0% EHk	0 0.0% Ehk	2 33.3% ij	
I have a professional understanding of this technology	6 2.5%	0 0.0% h	0 0.0%	1 9.1% i		0 0.0%	3 6.8%			0 0.0% cH	0 0.0%	0 0.0%	0 0.0%

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			S	ales Revenue						Ownership		
Number Col %	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Total	88 37.6%	62 26.5%		_	14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	
Blockchain technology												
I have never heard of	16 18.2% c	6 9.7%		0.0%	0 0.0%	1 14.3%	0 0.0%	0 0.0%	0 0.0%	19 11.4%	0 0.0%	
I know the name but I cannot say	13 14.8%	12 19.4%			1 7.1%	0 0.0%	2 22.2%	2 11.8%	1 12.5%	26 15.7%	0 0.0%	
I understand basically what it is but not the details	46 52.3% e	34 54.8% e	57.8%		12 85.7% ab	6 85.7%	5 55.6%	11 64.7%	6 75.0%	95 57.2%	4 80.0%	
I understand this technology well	11 12.5%	9 14.5%			1 7.1%	0 0.0%	2 22.2%	4 23.5%	1 12.5%	21 12.7%	1 20.0%	
I have a professional understanding of this technology	2 2.3%	1 1.6%			0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	5 3.0%	0 0.0%	

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Blockchain technology											
I have never heard of	10 13.7%	9 15.0%	1 7.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	13 11.4%	9 9.7%	2 8.7%	0 0.0%
I know the name but I cannot say	10 13.7%	12 20.0%	1 7.7%	3 15.8%	0 0.0%	0 0.0%	2 14.3%	21 18.4%	13 14.0%	1 4.3%	1 20.0%
I understand basically what it is but not the details	40 54.8% e	30 50.0% ef	9 69.2%	13 68.4%	7 100.0% ab	5 100.0% b	9 64.3%	59 51.8%	59 63.4%	15 65.2%	2 40.0%
I understand this technology well	12 16.4%	7 11.7%	2 15.4%	3 15.8%	0 0.0%	0 0.0%	3 21.4%	18 15.8%	9 9.7% d	5 21.7%	2 40.0% b
I have a professional understanding of this technology	1 1.4%	2 3.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 2.6%	3 3.2%	0 0.0%	0 0.0%

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Q7a. Do you have a good understanding of the following? (one choice per row)

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	Ε	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Blockchain technology						
I have never heard of	7	6	2	6	3	1
That chert included of	11.7%	12.2%	4.4%	17.1%	8.8%	7.7%
I know the name but I	7	7	9	4	8	1
cannot say	11.7%	14.3%	20.0%	11.4%	23.5%	7.7%
I understand						
basically what it is	35	27	25	19	21	8
but not the details	58.3%	55.1%	55.6%	54.3%	61.8%	61.5%
but not the details	38.3%	55.1%	55.0%	54.5%	01.8%	01.5%
I understand this	10	8	7	5	2	2
technology well	16.7%	16.3%	15.6%	14.3%	5.9%	15.4%
I have a professional						
understanding of this	1	1	2	1	0	1
technology	1.7%	2.0%	4.4%	2.9%	0.0%	7.7%

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245	Total						Indu	ıstry					
Number			Bank/Fin										
Col %		Retail/	Insur	Mining	Trans-		Service	Commun-	Tech Soft-		Health-		
		Whole-	Real	Construc-	portation		Consult-	ications	Hardware	Manufac-	care	Agr, Pub	Other
		sale	Estate	tion	Pub. Util	Energy	ing	Media	Bio	turing	Pharm	Admin	Industry
		A	В	С	D	E	F	G	Н	ı	J	K	L
Total	235	27	25	11	9	8	44	2	13	50	15	6	25
	100.0%	11.5%	10.6%	4.7%	3.8%	3.4%	18.7%	0.9%	5.5%	21.3%	6.4%	2.6%	10.6%
Bitcoin / Ethereum													
I have never heard of	2	0	1	0	0	0	0	0	0	1	0	0	0
	0.8%	0.0%	4.0%	0.0%	0.0%	0.0%	0.0%				0.0%	0.0%	0.0%
I know the name but I	33	6	4	0		1	5	1	1	6	2	1	3
cannot say	13.9%	22.2%	16.0%	0.0%	22.2%	12.5%	11.9%	50.0%	7.7%	12.0%	13.3%	16.7%	12.5%
				g				С					
I understand													
basically what it is	148	15	16	9	4	2	26			35	9	4	17
but not the details	62.4%	55.6%	64.0%	81.8%	44.4%	25.0%	61.9%	50.0%	46.2%	70.0%	60.0%	66.7%	70.8%
				е		cil				е			е
I understand this	49	6	4	0	3	5	9	0	5	8	4	1	4
technology well	20.7%	22.2%	16.0%	0.0%	33.3%	62.5%	21.4%	0.0%	38.5%	16.0%	26.7%	16.7%	16.7%
		е	е	Eh		abCfII	е		С	E			е
I have a professional													
understanding of this	5	0	0	2	0	0	2	0	1	0	0	0	0
technology	2.1%	0.0%	0.0%		0.0%	0.0%	4.8%	0.0%	7.7%	0.0%	0.0%	0.0%	0.0%
		С	С	abII						С			С

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			S	Sales Revenue						Ownership		
Number Col %	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Total	88 37.6%	62 26.5%		_	14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	18 8.4%
Bitcoin / Ethereum												
I have never heard of	2 2.3%	0 0.0%			0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.2%	0 0.0%	0 0.0%
I know the name but I cannot say	17 19.8% c	11 17.7% c	4.4%	12.5%	0 0.0%	1 14.3%	1 11.1%	1 5.9%	0 0.0%	23 14.0%	1 20.0%	3 17.6%
I understand basically what it is but not the details	51 59.3%	37 59.7%			9 64.3%	5 71.4%	4 44.4%	10 58.8%	3 37.5%	104 63.4%	3 60.0%	10 58.8%
I understand this technology well	14 16.3% g	13 21.0%		_	5 35.7%	1 14.3%	4 44.4% a	6 35.3%	5 62.5% C	30 18.3% B	1 20.0%	4 23.5%
I have a professional understanding of this technology	2 2.3%	1 1.6%			0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	5 3.0%	0 0.0%	0 0.0%

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Bitcoin / Ethereum											
I have never heard of	1 1.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.9%	0 0.0% c	1 4.3% b	0 0.0%
I know the name but I cannot say	11 15.5%	9 15.0%	1 7.7%	2 10.5%	0 0.0%	0 0.0%	1 7.1%	18 16.1%	13 14.0%	1 4.3%	0 0.0%
I understand basically what it is but not the details	44 62.0%	38 63.3%	10 76.9%	13 68.4%	5 71.4%	4 80.0%	7 50.0%	71 63.4%	58 62.4%	13 56.5%	3 60.0%
I understand this technology well	14 19.7%	11 18.3%	2 15.4%	4 21.1%	2 28.6%	1 20.0%	6 42.9%	18 16.1% c	21 22.6%	8 34.8% a	40.0%
I have a professional understanding of this technology	1 1.4%	2 3.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 3.6%	1 1.1%	0 0.0%	0 0.0%

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	_
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
-	Α	В	С	D	E	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Bitcoin / Ethereum						
I have never heard of	0	2	0	0	0	0
	0.0%	4.1%	0.0%	0.0%	0.0%	0.0%
I know the name but I	5	8	6	6	7	1
cannot say	8.3%	16.3%	13.6%	17.6%	20.6%	7.7%
I understand						
basically what it is	41	24	27	20	25	8
but not the details	68.3%	49.0%	61.4%	58.8%	73.5%	61.5%
	b	ae			b	
I understand this	14	14	9	7	2	3
technology well	23.3%	28.6%	20.5%	20.6%	5.9%	23.1%
	е	e			ab	
I have a professional						
understanding of this	0	1	2	1	0	1
technology	0.0% f	2.0%	4.5%	2.9%	0.0%	7.7% a

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%	9 3.8%	8 3.4%	44 18.7%	2 0.9%		50 21.3%	15 6.4%	6 2.6%	25 10.6%
Smart Contracts													
I have never heard of	68 28.7%	10 37.0%	7 28.0%	4 36.4%	3 33.3%	2 25.0%	10 22.7%				3 20.0%	1 16.7%	7 30.4%
I know the name but I cannot say	69 29.1%	8 29.6%	12 48.0% ei	3 27.3%	3 33.3%	0 0.0% bj	14 31.8%			11 22.4% b	7 46.7% e	1 16.7%	5 21.7%
I understand basically what it is but not the details	69 29.1%	7 25.9%	6 24.0%	2 18.2%	2 22.2%	3 37.5%	11 25.0%			16 32.7%	4 26.7%	3 50.0%	9 39.1%
I understand this technology well	28 11.8%	7.4% e	0 0.0% cEfhk	2 18.2% b		3 37.5% aBi	7 15.9% b	0 0.0%		4 8.2% e	1 6.7%	1 16.7% b	2 8.7%
I have a professional understanding of this technology	3 1.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 4.5%			0 0.0%	0 0.0%	0 0.0%	0 0.0%

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			S	ales Revenue						Ownership		
Number Col %	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Total	88 37.6%	62 26.5%			14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	
Smart Contracts												
I have never heard of	22 25.3%	16 26.2%		_	4 28.6%	4 57.1%	2 22.2%	5 29.4%	1 12.5%	49 29.5%	3 60.0%	
I know the name but I cannot say	31 35.6%	17 27.9%	11 24.4%		4 28.6%	0 0.0%	2 22.2%	4 23.5%	2 25.0%	51 30.7%	1 20.0%	
I understand basically what it is but not the details	24 27.6%	20 32.8%			5 35.7%	2 28.6%	4 44.4%	5 29.4%	5 62.5% cd	45 27.1% b	0 0.0% b	37.5%
I understand this technology well	9 10.3%	7 11.5%	5 11.1%		1 7.1%	1 14.3%	1 11.1%	3 17.6%	0 0.0%	18 10.8%	1 20.0%	
I have a professional understanding of this technology	1 1.1%	1 1.6%	1 2.2%		0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 1.8%	0 0.0%	0 0.0%

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			Numb	er of Employ	ees .				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Smart Contracts											
I have never heard of	20 27.4% c	15 25.0% c	8 61.5% ab	7 36.8%	1 14.3%	1 20.0%	4 28.6%	33 29.2%	25 27.2%	8 34.8%	2 40.0%
I know the name but I cannot say	24 32.9%	16 26.7%	3 23.1%	4 21.1%	3 42.9%	1 20.0%	3 21.4%	35 31.0%	27 29.3%	5 21.7%	1 20.0%
I understand basically what it is but not the details	18 24.7%	21 35.0%	2 15.4%	7 36.8%	2 28.6%	2 40.0%	6 42.9%	30 26.5%	29 31.5%	7 30.4%	1 20.0%
I understand this technology well	10 13.7%	6 10.0%	0 0.0%	1 5.3%	1 14.3%	1 20.0%	1 7.1%	13 11.5%	10 10.9%	3 13.0%	1 20.0%
I have a professional understanding of this technology	1 1.4%	2 3.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.8%	1 1.1%	0 0.0%	0 0.0%

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245	Where are you personally located?											
Number			South		South							
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain						
	US	US	US	US	US	US						
	Α	В	С	D	E	F						
Total	60	49	46	35	34	13						
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%						
Smart Contracts												
I have never heard of	20	14	10	13	9	2						
	33.3%	28.6%	22.7%	37.1%	27.3%	15.4%						
I know the name but I	14	18	12	8	14	3						
cannot say	23.3%	36.7%	27.3%	22.9%	42.4%	23.1%						
I understand												
basically what it is	19	10	12	11	8	7						
but not the details	31.7%	20.4%	27.3%	31.4%	24.2%	53.8%						
		f				b						
I understand this	7	7	8	3	1	1						
technology well	11.7%	14.3%	18.2%	8.6%	3.0%	7.7%						
			е		С							
I have a professional												
understanding of this	0	0	2	0	1	0						
technology	0.0%	0.0%	4.5%	0.0%	3.0%	0.0%						

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245	Total						Indu	ıstry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%		9 3.8%	8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
Robo-advisor													
I have never heard of	50 21.2%	4 14.8%	5 20.0%			2 25.0%	8 18.6%				4 26.7%	1 16.7%	7 29.2%
I know the name but I cannot say	48 20.3%	10 37.0% ef	4 16.0% j			0 0.0% aj	6 14.0% aj	50.0%			7 46.7% befi	0 0.0%	4 16.7%
I understand basically what it is but not the details	79 33.5%	8 29.6%	9 36.0%			3 37.5%	16 37.2%				3 20.0%	4 66.7%	8 33.3%
I understand this technology well	51 21.6%	4 14.8%	5 20.0%			3 37.5%	10 23.3%				1 6.7%	1 16.7%	4 16.7%
I have a professional understanding of this technology	8 3.4%	1 3.7%	2 8.0%			0 0.0%	3 7.0%				0 0.0%	0 0.0%	1 4.2%

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			S	ales Revenue						Ownership		
Number Col %	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Total	88 37.6%	62 26.5%		_	14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	18 8.4%
Robo-advisor												
I have never heard of	18 20.5%	12 20.0%			1 7.1% d	2 28.6%	1 11.1%	3 17.6%	2 25.0%	34 20.7%	1 20.0%	4 23.5%
I know the name but I cannot say	22 25.0% c	14 23.3%			4 28.6%	0 0.0%	1 11.1%	1 5.9%	2 25.0%	37 22.6%	0 0.0%	
I understand basically what it is but not the details	29 33.0%	17 28.3%			7 50.0%	4 57.1%	4 44.4%	8 47.1%	3 37.5%	54 32.9%	2 40.0%	
I understand this technology well	13 14.8%	15 25.0%			2 14.3%	1 14.3%	3 33.3%	5 29.4%	1 12.5%	33 20.1%	1 20.0%	6 35.3%
I have a professional understanding of this technology	6 6.8%	2 3.3%			0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	6 3.7%	1 20.0%	1 5.9%

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			Numb	er of Employ	ees .				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Robo-advisor											
I have never heard of	16 21.9%	13 22.0%	5 41.7% g	5 26.3%	0 0.0%	1 20.0%	1 7.1% c	24 21.4%	20 21.5%	4 17.4%	1 20.0%
I know the name but I cannot say	16 21.9%	12 20.3%	1 8.3%	3 15.8%	1 14.3%	1 20.0%	3 21.4%	29 25.9%	17 18.3%	2 8.7%	0 0.0%
I understand basically what it is but not the details	26 35.6%	18 30.5%	4 33.3%	6 31.6%	4 57.1%	2 40.0%	7 50.0%	36 32.1%	29 31.2%	11 47.8%	2 40.0%
I understand this technology well	10 13.7%	15 25.4%	1 8.3%	5 26.3%	2 28.6%	1 20.0%	3 21.4%	19 17.0%	23 24.7%	6 26.1%	2 40.0%
I have a professional understanding of this technology	5 6.8%	1 1.7%	1 8.3%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 3.6%	4 4.3%	0 0.0%	0 0.0%

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	Е	F
						_
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Robo-advisor						
I have never heard of	13	16	9	5	3	4
	22.0%	32.7%	20.5%	14.3%	8.8%	30.8%
		е			b	
I know the name but I	10	8	10	12	7	1
cannot say	16.9%	16.3%	22.7%	34.3%	20.6%	7.7%
Lunderstand						
basically what it is	19	17	14	8	14	6
but not the details	32.2%	34.7%	31.8%	22.9%	41.2%	46.2%
					,	1212/1
I understand this	15	6	10	8	9	2
technology well	25.4%	12.2%	22.7%	22.9%	26.5%	15.4%
I have a professional						
understanding of this	2	2	1	2	1	0
technology	3.4%	4.1%	2.3%	5.7%	2.9%	0.0%

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%		9 3.8%	8 3.4%	44 18.7%			50 21.3%	15 6.4%	6 2.6%	25 10.6%
Big data													
I have never heard of	11 4.6%	2 7.7%	1 4.0%	0 0.0%		0 0.0%	1 2.3%				1 6.7%	0 0.0%	2 8.3%
I know the name but I cannot say	15 6.3%	2 7.7%	2 8.0%			1 12.5%	3 6.8%				1 6.7%	0 0.0%	0 0.0%
I understand basically what it is but not the details	85 35.9%	12 46.2%	11 44.0%			1 12.5%	12 27.3%			_	8 53.3% h	2 33.3%	8 33.3%
I understand this technology well	104 43.9%	8 30.8%	10 40.0%			5 62.5%	24 54.5%				4 26.7%	3 50.0%	12 50.0%
I have a professional understanding of this technology	22 9.3%	2 7.7%	1 4.0% c	27.3%	11.1%	1 12.5%	4 9.1%				1 6.7%	1 16.7%	2 8.3%

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			S	ales Revenue						Ownership		
Number Col %	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Total	88 37.6%	62 26.5%			14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	
Big data												
I have never heard of	5 5.7%	3 5.0%	2 4.4%		0 0.0%	1 14.3%	0 0.0%	0 0.0%	1 12.5%	8 4.9%	0 0.0%	
I know the name but I cannot say	7 8.0%	4 6.7%			0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	12 7.3%	0 0.0%	_
I understand basically what it is but not the details	38 43.2%	20 33.3%			7 50.0%	2 28.6%	2 22.2%	5 29.4%	3 37.5%	59 36.0%	3 60.0%	_
I understand this technology well	30 34.1%	29 48.3%		_	7 50.0%	3 42.9%	4 44.4%	11 64.7%	3 37.5%	69 42.1%	1 20.0%	_
I have a professional understanding of this technology	8 9.1% g	4 6.7% g			0 0.0% g	1 14.3%	3 33.3% abe	1 5.9%	1 12.5%	16 9.8%	1 20.0%	2 11.8%

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Big data											
I have never heard of	4 5.6%	4 6.7%	1 7.7%	1 5.3%	0 0.0%	0 0.0%	0 0.0%	4 3.5%	4 4.3%	2 8.7%	0 0.0%
I know the name but I cannot say	8 11.3%	2 3.3%	0 0.0%	1 5.3%	0 0.0%	0 0.0%	0 0.0%	10 8.8%	5 5.4%	0 0.0%	0 0.0%
I understand basically what it is but not the details	32 45.1%	18 30.0%	3 23.1%	8 42.1%	3 42.9%	1 20.0%	4 28.6%	47 41.6% c	35 38.0% c	3 13.0% ab	0 0.0%
I understand this technology well	21 29.6% Bf	32 53.3% A	7 53.8%	8 42.1%	4 57.1%	4 80.0% a	6 42.9%	42 37.2% cD	40 43.5% d	15 65.2% a	5 100.0% Ab
I have a professional understanding of this technology	6 8.5% g	4 6.7% g	2 15.4%	1 5.3%	0 0.0%	0 0.0%	4 28.6% ab	10 8.8%	8 8.7%	3 13.0%	0 0.0%

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	Е	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Big data						
I have never heard of	1	5	3	1	0	1
	1.7%	10.2%	6.7%	2.9%	0.0%	7.7%
I know the name but I	2	3	6	2	2	0
cannot say	3.4%	6.1%	13.3%	5.7%	6.1%	0.0%
I understand						
basically what it is	25	16	18	11	10	5
but not the details	42.4%	32.7%	40.0%	31.4%	30.3%	38.5%
	,	02.775	.0.070	02	50.575	33.375
I understand this	25	23	16	16	17	5
technology well	42.4%	46.9%	35.6%	45.7%	51.5%	38.5%
I have a professional						
understanding of this	6	2	2	5	4	2
technology	10.2%	4.1%	4.4%	14.3%	12.1%	15.4%

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245	Total						Indu	ıstry					
Number			Bank/Fin										
Col %		Retail/	Insur	Mining	Trans-		Service	Commun-	Tech Soft-		Health-		
		Whole-	Real	Construc-	portation		Consult-	ications	Hardware	Manufac-	care	Agr, Pub	Other
		sale	Estate	tion	Pub. Util	Energy	ing	Media	Bio	turing	Pharm	Admin	Industry
		Α	В	С	D	E	F	G	Н		J	K	L
Total	235	27	25	11	9	8	44	2	13	50	15	6	25
	100.0%	11.5%	10.6%	4.7%	3.8%	3.4%	18.7%	0.9%	5.5%	21.3%	6.4%	2.6%	10.6%
Peer-to-peer lending													
I have never heard of	16	2	0	1	0	0	5	0	0	3	1	1	3
	6.7%	7.4%	0.0%		0.0%	0.0%	11.4%		0.0%		6.7%	16.7%	12.5%
			k									b	
I know the name but I	34	6	0	2	4	2	2	0	2	6	6	0	3
cannot say	14.2%	22.2%	0.0%	18.2%		25.0%	4.5%	0.0%	15.4%		40.0%	0.0%	12.5%
		bf	acDeJ	b	BFi	b	aDJ			dj	BFi		
I understand													
basically what it is	93	14	9	3	1	2	13		6	26	3	1	12
but not the details	38.9%	51.9%	36.0%	27.3%		25.0%	29.5%	50.0%	46.2%		20.0%	16.7%	50.0%
		d			ai		i			dfj	i		
I understand this	84	4	13	4	4	4	19	1	5	15	5	4	4
technology well	35.1%	14.8%	52.0%		44.4%	50.0%	43.2%	50.0%	38.5%	30.0%	33.3%	66.7%	16.7%
		Befk	Al			а	al					al	bfk
I have a professional													
understanding of this	12	1	3			0	5				0	0	2
technology	5.0%	3.7%	12.0%	9.1%	0.0%	0.0%	11.4%	0.0%	0.0%		0.0%	0.0%	8.3%
			i	i			i			bcfl			i

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			S	ales Revenue	!					Ownership		
Number Col %	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Total	88 37.6%	62 26.5%			14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	
Peer-to-peer lending												
I have never heard of	7 8.0%	4 6.5%	3 6.7%		0 0.0%	1 14.3%	0 0.0%	1 5.9%	0 0.0%	12 7.2%	1 20.0%	
I know the name but I cannot say	12 13.6%	9 14.5%			3 21.4%	1 14.3%	1 11.1%	2 11.8%	1 12.5%	23 13.9%	1 20.0%	
I understand basically what it is but not the details	41 46.6%	25 40.3%			5 35.7%	2 28.6%	3 33.3%	6 35.3%	3 37.5%	69 41.6%	1 20.0%	
I understand this technology well	20 22.7% cg	22 35.5%	_	50.0%	6 42.9%	3 42.9%	5 55.6% a	8 47.1%	4 50.0%	53 31.9%	1 20.0%	_
I have a professional understanding of this technology	8 9.1%	2 3.2%			0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	9 5.4%	1 20.0%	2 11.8%

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Peer-to-peer lending											
I have never heard of	7 9.6%	6 10.0%	1 7.7%	0 0.0%	0 0.0%	1 20.0%	0 0.0%	7 6.1%	4 4.3% c	4 17.4% b	
I know the name but I cannot say	13 17.8%	7 11.7%	2 15.4%	2 10.5%	0 0.0%	0 0.0%	2 14.3%	21 18.4%	9 9.7%	2 8.7%	
I understand basically what it is but not the details	34 46.6%	19 31.7% d	4 30.8%	12 63.2% be	1 14.3% d	1 20.0%	5 35.7%	45 39.5%	42 45.2% c	5 21.7% b	
I understand this technology well	13 17.8% BEfg	26 43.3% Ae	3 23.1% e	5 26.3% e	6 85.7% Abcd	3 60.0% a	7 50.0% a	33 28.9% c	34 36.6%	12 52.2% a	3 60.0%
I have a professional understanding of this technology	6 8.2%	2 3.3% c	3 23.1% bd	0 0.0% c	0 0.0%	0 0.0%	0 0.0%	8 7.0%	4 4.3%	0 0.0%	0 0.0%

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	13
Total	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Peer-to-peer lending						
I have never heard of	2	7	1	4	2	0
	3.3%	14.3%	2.2%	11.4%	5.9%	0.0%
	b	ac	b			
I know the name but I	8	6	5	6	6	2
cannot say	13.3%	12.2%	11.1%	17.1%	17.6%	15.4%
I understand						
basically what it is	23	21	18	14	13	4
but not the details	38.3%	42.9%	40.0%	40.0%	38.2%	30.8%
I understand this	26	15	18	6	11	6
technology well	43.3%	30.6%	40.0%	17.1%	32.4%	46.2%
	d		d	acf		d
I have a professional						
understanding of this	1	0	3	5	2	1
technology	1.7%	0.0%	6.7%	14.3%	5.9%	7.7%
	d	D		аВ		

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245	Total						Indu	ıstry					
Number			Bank/Fin										
Col %		Retail/ Whole- sale	Insur Real Estate	Mining Construc- tion	Trans- portation Pub. Util	Energy	Service Consult- ing	Commun- ications Media	Tech Soft- Hardware Bio	Manufac- turing	Health- care Pharm	Agr, Pub Admin	Other Industry
		Α	В	С	D	E	F	G	Н	ı	J	K	L
Total	235 100.0%	27 11.5%	25 10.6%		9 3.8%	8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
Machine learning													
I have never heard of	17 7.1%	3 11.1% f	1 4.0% g	9.1%		0 0.0%	0 0.0% acdGJKl	50.0%	0.0%	6.0%	3 20.0% F	1 16.7% F	3 12.5% f
I know the name but I cannot say	33 13.9%	4 14.8%	2 8.0%		1 11.1%	1 14.3%	4 9.1%		0.0%	20.0%	1 6.7%	0 0.0%	5 20.8%
I understand													
basically what it is	91	13	14	2	4	2	14	0	3	22	6	1	8
but not the details	38.2%	48.1%	56.0% c		44.4%	28.6%	31.8%	0.0%	23.1%	44.0%	40.0%	16.7%	33.3%
I understand this	89	7	8	5	3	4	22	0	9	15	5	3	6
technology well	37.4%	25.9% fh	32.0% h	45.5%	33.3%	57.1%	50.0% al				33.3%	50.0%	25.0% fh
I have a professional													
understanding of this technology	8 3.4%	0 0.0% k	0 0.0% k	0.0%	0 0.0%	0 0.0%	4 9.1% i				0 0.0%	1 16.7% abl	2 8.3% i

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
. 5 (4)	37.6%	26.5%	19.7%		6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	
Machine learning												
I have never heard of	7	5	2	1	1	1	0	0	1	11	1	3
	8.0%	8.1%	4.4%	12.5%	7.1%	14.3%	0.0%	0.0%	12.5%	6.6%	20.0%	17.6%
I know the name but I	14	10	6	1	2	0	0	0	0	24	1	4
cannot say	15.9%	16.1%	13.3%	12.5%	14.3%	0.0%	0.0%	0.0%	0.0%	14.5%	20.0%	23.5%
								е				a
I understand												
basically what it is	34	23	17	3	5	2	4	6	4	68	1	
but not the details	38.6%	37.1%	37.8%	37.5%	35.7%	28.6%	50.0%	37.5%	50.0%	41.0%	20.0%	
								е	е	E		abC
I understand this	29	22	20		6	3	3	10	2	58	2	
technology well	33.0%	35.5%	44.4%	37.5%	42.9%	42.9%	37.5%	62.5%	25.0%	34.9%	40.0%	41.2%
								С		а		
I have a professional												
understanding of this	4	2	0		0	1	1	0	1	5	0	
technology	4.5%	3.2%			0.0%	14.3%	12.5%	0.0%	12.5%	3.0%	0.0%	11.8%
			fg			С	С					

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Machine learning											
I have never heard of	5 6.8%	7 11.7%	1 7.7%	0 0.0%	0 0.0%	0 0.0%	1 7.7%	8 7.1%	6 6.5%	2 8.7%	
I know the name but I cannot say	11 15.1%	9 15.0%	2 15.4%	5 26.3%	0 0.0%	0 0.0%	0 0.0%	21 18.6% c	12 12.9%	0 0.0% a	0 0.0%
I understand basically what it is but not the details I understand this technology well	31 42.5% 23 31.5%	17 28.3% 27 45.0%	6 46.2% 4 30.8%	6 31.6% 7 36.8%	3 42.9% 4 57.1%	3 60.0% 2 40.0%	7 53.8% 3 23.1%	42 37.2% 40 35.4%	39 41.9% 32 34.4%	8 34.8% 11 47.8%	0 0.0% 5 100.0%
I have a professional understanding of this technology	3 4.1%	0 0.0% G	0 0.0%	1 5.3%	0 0.0%	0 0.0%	2 15.4% B	D 2 1.8%	D 4 4.3%	d 2 8.7%	ABc 0 0.0%

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	Е	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Machine learning						
I have never heard of	5	8	0	3	0	1
	8.3%	16.3%	0.0%	8.6%	0.0%	7.7%
	С	Ce	aBd	С	b	
I know the name but I	4	6	7	5	10	1
cannot say	6.7%	12.2%	15.6%	14.3%	30.3%	7.7%
•	Е	e			Ab	
I understand						
basically what it is	27	15	18	14	11	4
but not the details	45.0%	30.6%	40.0%	40.0%	33.3%	30.8%
I understand this	22	19	19	10	12	6
technology well	36.7%	38.8%	42.2%	28.6%	36.4%	46.2%
I have a professional						
understanding of this	2	1	1	3	0	1
technology	3.3%	2.0%	2.2%	8.6%	0.0%	7.7%

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245	Total						Indu	stry					
Number			Bank/Fin										
Col %		Retail/	Insur	Mining	Trans-		Service	Commun-	Tech Soft-		Health-		
		Whole-	Real	Construc-	portation		Consult-	ications	Hardware	Manufac-	care	Agr, Pub	Other
		sale	Estate	tion	Pub. Util	Energy	ing	Media	Bio	turing	Pharm	Admin	Industry
-		Α	В	С	D	E	F	G	Н	I	J	K	L
Total	235	27	25	11	9	8	44	2	13	50	15	6	25
	100.0%	11.5%	10.6%	4.7%		3.4%	18.7%	0.9%		21.3%	6.4%	2.6%	10.6%
Robotic Process Automation	(RPA)												
I have never heard of	35	4	6	1	1	1	0	2	1	9	3	2	1
Thave hever heard of	14.8%	14.8%	25.0%	9.1%		12.5%	0.0%	100.0%		18.0%	20.0%	33.3%	16.7%
	14.070	fG	23.070 Fg		_	fg		AbcdeFHIjl	7.770 G	FG	Fg	55.570 F	Fg
		10	'8	Б	'6	'6	abacanke	Abcuciffiji	J	10	'6	•	18
I know the name but I	59	12	5		_	1	7	0		14	6	1	6
cannot say	24.9%	44.4%	20.8%	27.3%	33.3%	12.5%	16.3%	0.0%	7.7%	28.0%	40.0%	16.7%	25.0%
		fh					а		а				
I understand													
basically what it is	81	7	9	4	2	4	18	0	5	15	5	1	9
but not the details	34.2%	25.9%	37.5%	36.4%	22.2%	50.0%	41.9%	0.0%	38.5%	30.0%	33.3%	16.7%	37.5%
I understand this	58	4	3	3	3	2	16	0	5	12	1	2	5
technology well	24.5%	14.8%	12.5%	27.3%	33.3%	25.0%	37.2%	0.0%	38.5%	24.0%	6.7%	33.3%	20.8%
		f	f				abj				f		
I have a professional													
understanding of this	4	0	1	0	0	0	2	0	1	0	0	0	0
technology	1.7%	0.0%	4.2%	0.0%		0.0%	4.7%	0.0%		0.0%	0.0%	0.0%	0.0%
01											- 7,-	- 7,-	

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			9	Sales Revenue						Ownership		
Number Col %	Less than \$25 million	\$25-99 million	\$100-499 million	\$500-999 million	\$1-4.9 billion	\$5-9.9 billion	More than \$10 billion	Public, NYSE	Public, Nasdaq/ AMEX	Private	Govern- ment	Nonprofit
	A	В	С	D	Е	F	G	Α	В	С	D	Е
Total	88 37.6%	62 26.5%	_	_	14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	18 8.4%
Robotic Process Automatic	on (RPA)											
I have never heard of	12 13.8%	12 19.4%			1 7.1%	2 33.3%	1 11.1%	2 12.5%	2 25.0%	24 14.5%	2 40.0%	
	15.6%	19.4%	11.170	23.0%	7.170	33.3%	11.170	12.5%	23.0%	14.5%	40.0%	17.0%
I know the name but I	19	19			5	0	1	1	3	45	1	3
cannot say	21.8%	30.6%	28.9%	25.0%	35.7%	0.0%	11.1%	6.3%	37.5%	27.3%	20.0%	17.6%
I understand												
basically what it is	33	20	14	3	4	1	3	4	2	58	0	5
but not the details	37.9%	32.3%	31.1%	37.5%	28.6%	16.7%	33.3%	25.0%	25.0%	35.2%	0.0%	29.4%
I understand this	20	11	13	1	3	3	4	8	1	36	2	6
technology well	23.0%	17.7%	28.9%	12.5%	21.4%	50.0%	44.4%	50.0%	12.5%	21.8%	40.0%	35.3%
								С		а		
I have a professional												
understanding of this	3	0		0	1	0	0	1	0	2	0	0
technology	3.4%	0.0%		0.0%	7.1%	0.0%	0.0%	6.3%	0.0%	1.2%	0.0%	0.0%
		е			b							

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			Numb	er of Employ	/ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Robotic Process Automatic	on (RPA)										
I have never heard of	10 13.7%	11 18.3%	2 15.4%	2 10.5%	1 14.3%	1 20.0%	2 15.4%	15 13.3%	15 16.3%	4 17.4%	0 0.0%
I know the name but I cannot say	17 23.3%	15 25.0%	6 46.2%	5 26.3%	1 14.3%	2 40.0%	2 15.4%	31 27.4%	24 26.1%	4 17.4%	0 0.0%
I understand basically what it is but not the details	25 34.2%	20 33.3%	3 23.1%	8 42.1%	1 14.3%	0 0.0%	5 38.5%	41 36.3%	32 34.8%	6 26.1%	1 20.0%
I understand this technology well	19 26.0%	13 21.7%	2 15.4%	4 21.1%	3 42.9%	2 40.0%	4 30.8%	25 22.1%	20 21.7%	8 34.8%	3 60.0%
I have a professional understanding of this technology	2 2.7%	1 1.7%	0 0.0%	0 0.0%	1 14.3%	0 0.0%	0 0.0%	1 0.9% D	1 1.1% D	1 4.3%	1 20.0% AB

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245										
Number			South		South					
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain				
	US	US	US	US	US	US				
	Α	В	С	D	E	F				
Total	60	49	46	35	34	13				
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%				
Robotic Process Automation	(RPA)									
I have never heard of	8	7	6	5	3	6				
	13.3%	14.6%	13.3%	14.7%	8.8%	46.2%				
	F	f	f	f	F	AbcdE				
I know the name but I	18	11	11	7	10	2				
cannot say	30.0%	22.9%	24.4%	20.6%	29.4%	15.4%				
I understand										
basically what it is	21	14	15	15	14	1				
but not the details	35.0%	29.2%	33.3%	44.1%	41.2%	7.7%				
				f	f	de				
I understand this	12	16	12	6	7	3				
technology well	20.0%	33.3%	26.7%	17.6%	20.6%	23.1%				
I have a professional										
understanding of this	1	0	1	1	0	1				
technology	1.7%	0.0%	2.2%	2.9%	0.0%	7.7%				

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245	Total						Indu	ıstry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%		9 3.8%	8 3.4%	44 18.7%			50 21.3%	15 6.4%	6 2.6%	25 10.6%
<u>Artificial Intelligence</u>													
I have never heard of	3 1.3%	0 0.0%	1 4.0%	0 0.0%		0 0.0%	0 0.0%				0 0.0%	0 0.0%	1 4.2%
I know the name but I cannot say	16 6.7%	1 3.7%	1 4.0%			0 0.0%	2 4.5%			6 12.0%	2 13.3%	1 16.7%	1 4.2%
I understand basically what it is but not the details	104 43.7%	15 55.6% fh	16 64.0% Fh	45.5%		3 37.5%	12 27.3% aBj	50.0%		23 46.0%	9 60.0% fh	2 33.3%	10 41.7%
I understand this technology well	102 42.9%	11 40.7%	6 24.0% Fh	45.5%		5 62.5%	27 61.4% Bijl	50.0%	_		4 26.7% fh	3 50.0%	8 33.3% f
I have a professional understanding of this technology	13 5.5%	0 0.0% hl	1 4.0%	0 0.0%		0 0.0%	3 6.8%				0 0.0%	0 0.0%	4 16.7% a

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			9	Sales Revenue	!					Ownership		
Number Col %	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Total	88 37.6%	62 26.5%	_	_	14 6.0%	7 3.0%	9	17 7.9%	8 3.7%	166 77.6%	5 2.3%	18 8.4%
Artificial Intelligence												
I have never heard of	3 3.4%	0 0.0%			0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 1.8%	0 0.0%	
I know the name but I cannot say	6 6.8%	6 9.8%			1 7.1%	1 14.3%	0 0.0%	0 0.0%	0 0.0%	12 7.3%	1 20.0%	2 11.8%
I understand basically what it is but not the details I understand this technology well	38 43.2% 33 37.5%	31 50.8% 21 34.4%	48.9% 21	25.0%	5 35.7% 8 57.1%	2 28.6% 4 57.1%	3 33.3% 6 66.7%	6 35.3% 11 64.7% e	3 37.5% 5 62.5%	77 46.7% 66 40.0%	2 40.0% 1 20.0%	41.2% 5
I have a professional understanding of this technology	8 9.1% c	3 4.9%		12.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	7 4.2% e	1 20.0%	3

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
<u>Artificial Intelligence</u>											
I have never heard of	2 2.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.9% c	0 0.0% C	2 9.1% aB	0 0.0%
I know the name but I cannot say	5 6.8%	4 6.8%	1 7.7%	2 10.5%	0 0.0%	0 0.0%	0 0.0%	9 7.9%	6 6.5%	0 0.0%	0 0.0%
I understand basically what it is but not the details	33 45.2%	30 50.8%	8 61.5%	8 42.1%	2 28.6%	2 40.0%	6 42.9%	52 45.6% d	46 49.5% d	6 27.3%	0 0.0% ab
I understand this technology well	28 38.4%	24 40.7%	3 23.1% e	8 42.1%	5 71.4% c	3 60.0%	8 57.1%	48 42.1% d	34 36.6% D	13 59.1%	5 100.0% aB
I have a professional understanding of this technology	5 6.8%	1 1.7%	1 7.7%	1 5.3%	0 0.0%	0 0.0%	0 0.0%	4 3.5%	7 7.5%	1 4.5%	0 0.0%

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245	Where are you personally located?										
Number			South		South						
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain					
	US	US	US	US	US	US					
<u>-</u>	Α	В	С	D	Е	F					
Total	60	49	46	35	34	13					
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%					
<u>Artificial Intelligence</u>											
I have never heard of	0	2	0	1	0	0					
Thave never heard of	0.0%	4.2%	0.0%	2.9%	0.0%	0.0%					
I know the name but I	2	4	4	2	3	1					
cannot say	3.3%	8.3%	8.9%	5.7%	8.8%	7.7%					
I understand											
basically what it is	31	19	17	16	15	6					
but not the details	51.7%	39.6%	37.8%	45.7%	44.1%	46.2%					
I understand this	24	20	22	15	14	5					
technology well	40.0%	41.7%	48.9%	42.9%	41.2%	38.5%					
I have a professional											
understanding of this	3	3	2	1	2	1					
	5.0%	6.3%	4.4%	2.9%	5.9%	7.7%					
technology	5.0%	0.3%	4.4%	2.9%	5.9%	7.770					

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245	Total						Indu	stry					
Number			Bank/Fin										
Col %		Retail/	Insur	Mining	Trans-		Service	Commun-	Tech Soft-		Health-		
		Whole-	Real	Construc-	portation		Consult-	ications	Hardware	Manufac-	care	Agr, Pub	Other
		sale	Estate	tion	Pub. Util	Energy	ing	Media	Bio	turing	Pharm	Admin	Industry
		Α	В	С	D	Е	F	G	Н	<u> </u>	J	K	L
Total	235	27	25	11	9	8	44	2	13	50	15	6	25
	100.0%	11.5%	10.6%	4.7%	3.8%	3.4%	18.7%	0.9%	5.5%	21.3%	6.4%	2.6%	10.6%
Advanced Analytics													
I have never heard of	5	1	1	1	0	0	0	0	0	2	0	0	0
	2.1%	3.7%	4.0%	9.1%	0.0%	0.0%	0.0%		0.0%		0.0%	0.0%	0.0%
				f			С						
I know the name but I	32	4	1	2	3	1	1	1	0	8	4	2	4
cannot say	13.4%	14.8%	4.0%			12.5%	2.3%				26.7%	33.3%	16.7%
		f	dgjk	f	bFh		acDGiJKl	bFh	dgk	f	bF	bFh	f
I understand													
basically what it is	78	10	11			1	16			15	6	0	7
but not the details	32.6%	37.0%	44.0%	27.3%	44.4%	12.5%	36.4%	50.0%	23.1%	30.0%	40.0%	0.0%	29.2%
I understand this	108	12	12	5	1	6	24	0	9	21	4	3	9
technology well	45.2%	44.4%	48.0%	45.5%	11.1%	75.0%	54.5%	0.0%	69.2%	42.0%	26.7%	50.0%	37.5%
					efh	dj	d		dj		eh		
I have a professional													
understanding of this	16	0	0	0	1	0	3	0	1	4	1	1	4
technology	6.7%	0.0% kl	0.0% kl		11.1%	0.0%	6.8%	0.0%	7.7%	8.0%	6.7%	16.7% ab	16.7% ab

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			S	ales Revenue						Ownership		
Number Col %	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Total	88 37.6%	62 26.5%	46 19.7%	_	14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	_
Advanced Analytics												
I have never heard of	3 3.4%	1 1.6%	1 2.2%		0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	5 3.0%	0 0.0%	
I know the name but I cannot say	11 12.5%	10 16.1%	5 11.1%		4 28.6%	1 14.3%	0 0.0%	1 5.9%	2 25.0%	22 13.3%	2 40.0%	
I understand basically what it is but not the details I understand this technology well	34 38.6% 35 39.8%	19 30.6% 26 41.9%	15 33.3% 23 51.1%	25.0% 5	2 14.3% 8 57.1%	2 28.6% 3 42.9%	2 22.2% 5 55.6%	4 23.5% 12 70.6%	2 25.0% 3 37.5%	58 34.9% 73 44.0% a	1 20.0% 1 20.0%	23.5%
I have a professional understanding of this technology	5 5.7%	6 9.7%	1 2.2% g		0 0.0%	1 14.3%	2 22.2% c	0 0.0%	1 12.5%	8 4.8% e	1 20.0%	3 17.6% c

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Advanced Analytics											
I have never heard of	3 4.1%	1 1.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 1.8%	2 2.2%	1 4.3%	
I know the name but I cannot say	10 13.7%	8 13.3%	2 15.4%	4 21.1%	1 14.3%	0 0.0%	1 7.1%	18 15.8%	11 11.8%	3 13.0%	0 0.0%
I understand basically what it is but not the details	33 45.2% B	14 23.3% A	5 38.5%	5 26.3%	2 28.6%	1 20.0%	5 35.7%	42 36.8%	30 32.3%	4 17.4%	
I understand this technology well	25 34.2% Bf	35 58.3% A	5 38.5%	9 47.4%	4 57.1%	4 80.0% a	5 35.7%	48 42.1% d	42 45.2% d	12 52.2%	5 100.0% ab
I have a professional understanding of this technology	2 2.7% G	2 3.3% g	1 7.7%	1 5.3%	0 0.0%	0 0.0%	3 21.4% Ab	4 3.5%	8 8.6%	3 13.0%	0 0.0%

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245	Where are you personally located?											
Number			South		South	_						
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain						
	US	US	US	US	US	US						
	Α	В	С	D	Е	F						
		••		0.5								
Total	60	49	46	35	34	13						
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%						
Advanced Analytics												
I have never heard of	1	3	0	1	0	0						
Thate here. heard of	1.7%	6.1%	0.0%	2.9%	0.0%	0.0%						
			0.0,1		0.0,.	2.272						
I know the name but I	5	4	8	5	6	4						
cannot say	8.3%	8.2%	17.8%	14.3%	17.6%	30.8%						
	f	f				ab						
I understand		4-				_						
basically what it is	22	17	13	10	11	4						
but not the details	36.7%	34.7%	28.9%	28.6%	32.4%	30.8%						
I understand this	26	24	22	17	14	4						
technology well	43.3%	49.0%	48.9%	48.6%	41.2%	30.8%						
I have a professional												
understanding of this	6	1	2	2	3	1						
technology	10.0%	2.0%	4.4%	5.7%	8.8%	7.7%						

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%	9 3.8%	8 3.4%	44 18.7%	2 0.9%		50 21.3%	15 6.4%	6 2.6%	25 10.6%
Shared Services Center (SSC)													
I have never heard of	21 8.9%	0 0.0% bCGK	5 20.0% af	27.3%	0.0%	0 0.0%	2 4.5% bcgk	50.0%	0.0%	5 10.2%	2 13.3%	2 33.3% Afhl	1 4.2% gk
I know the name but I cannot say	24 10.2%	3 11.5%	3 12.0%	0 0.0%		2 25.0%	3 6.8%	0 0.0%		3 6.1%	2 13.3%	0 0.0%	4 16.7%
I understand basically what it is but not the details	64 27.1%	10 38.5%	6 24.0%	3 27.3%	_	2 25.0%	11 25.0% d	0 0.0%		15 30.6%	3 20.0%	0 0.0% d	7 29.2%
I understand this technology well	84 35.6%	10 38.5%	9 36.0%	4 36.4%		3 37.5%	16 36.4%			17 34.7%	6 40.0%	2 33.3%	6 25.0%
I have a professional understanding of this technology	43 18.2%	3 11.5%	2 8.0%			1 12.5%	12 27.3%	1 50.0%		9 18.4%	2 13.3%	2 33.3%	6 25.0%

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			S	ales Revenue						Ownership		
Number Col %	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Total	88 37.6%	62 26.5%		_	14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	18 8.4%
Shared Services Center (SSC)	1											
I have never heard of	12 13.6%	7 11.5%	2 4.5%		0 0.0%	0 0.0%	0 0.0%	0 0.0% d	0 0.0%	14 8.6% d	2 40.0% ac	5.9%
I know the name but I cannot say	14 15.9%	4 6.6%	3 6.8%		1 7.1%	0 0.0%	1 11.1%	1 5.9%	0 0.0%	19 11.7%	0 0.0%	
I understand basically what it is but not the details I understand this technology well	31 35.2% 21 23.9% C	17 27.9% 23 37.7%	21	12.5% 4 50.0%	3 21.4% 4 28.6%	1 16.7% 3 50.0%	1 11.1% 4 44.4%	4 23.5% 7 41.2%	1 12.5% 6 75.0% c	48 29.4% 53 32.5% b	1 20.0% 2 40.0%	29.4%
I have a professional understanding of this technology	10 11.4% dE	10 16.4% e	18.2%		6 42.9% Ab	2 33.3%	3 33.3%	5 29.4%	1 12.5%	29 17.8%	0 0.0%	_

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Shared Services Center (SSC	<u>:)</u>										
I have never heard of	8 11.4%	6 10.0%	1 7.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	14 12.5%	5 5.4%	1 4.3%	1 20.0%
I know the name but I cannot say	12 17.1%	6 10.0%	1 7.7%	1 5.3%	0 0.0%	0 0.0%	1 7.1%	14 12.5%	8 8.7%	1 4.3%	0 0.0%
I understand basically what it is but not the details	28 40.0% b	14 23.3% a	3 23.1%	4 21.1%	2 28.6%	0 0.0%	2 14.3%	36 32.1% c	25 27.2%	2 8.7% a	0 0.0%
I understand this technology well	16 22.9% bdg	25 41.7% a	6 46.2%	9 47.4% a	2 28.6%	2 40.0%	7 50.0% a	37 33.0%	35 38.0%	9 39.1%	1 20.0%
I have a professional understanding of this technology	6 8.6% dEFg	9 15.0% f	2 15.4%	5 26.3% a	3 42.9% A	3 60.0% Ab	4 28.6% a	11 9.8% bCD	19 20.7% acd	10 43.5% Ab	3 60.0% Ab

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
_	Α	В	С	D	Е	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Shared Services Center (SSC)						
I have never heard of	5	8	3	4	0	1
	8.3%	16.7%	6.7%	11.4%	0.0%	8.3%
		е		е	bd	
I know the name but I	3	5	6	2	5	2
cannot say	5.0%	10.4%	13.3%	5.7%	15.2%	16.7%
carriot say	3.070	10.476	13.5/6	3.770	13.2/0	10.776
I understand						
basically what it is	17	10	10	12	10	5
but not the details	28.3%	20.8%	22.2%	34.3%	30.3%	41.7%
I understand this	23	19	16	13	7	4
technology well	38.3%	39.6%	35.6%	37.1%	21.2%	33.3%
			221272			
I have a professional						
understanding of this	12	6	10	4	11	0
technology	20.0%	12.5%	22.2%	11.4%	33.3%	0.0%
		e		е	bdf	е

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245	Total						Indu	ıstry					
Number			Bank/Fin										
Col %		Retail/	Insur	Mining	Trans-		Service	Commun-	Tech Soft-		Health-		
		Whole-	Real	Construc-	portation		Consult-	ications	Hardware	Manufac-	care	Agr, Pub	Other
		sale	Estate	tion	Pub. Util	Energy	ing	Media	Bio	turing	Pharm	Admin	Industry
		Α	В	С	D	E	F	G	Н	ļ	J	K	L
Total	235	27	25	11	9	8	44	2	. 13	50	15	6	25
	100.0%	11.5%	10.6%	4.7%		3.4%	18.7%	0.9%	5.5%	21.3%	6.4%	2.6%	10.6%
Center of Expertise (COE)													
I have never heard of	39	5	8	3	1	1	2	1	. 0	10	2	2	4
· ···ave···eve·····ea···a··e··	16.5%	18.5%	33.3%	27.3%		12.5%	4.5%				13.3%	33.3%	16.7%
			Fh	f			Bcgik		bgk	f		fh	
I know the name but I	44	9	4	2	3	1	7	0	2	6	4	0	5
cannot say	18.6%	33.3%	16.7%	18.2%		12.5%	15.9%	-		12.2%	26.7%	0.0%	20.8%
,		i								а			
I understand													
basically what it is	63	7	5	2	2	2	15	0	3	14	3	2	6
but not the details	26.6%	25.9%	20.8%	18.2%	22.2%	25.0%	34.1%	0.0%	23.1%	28.6%	20.0%	33.3%	25.0%
I understand this	61	6	5	4	3	4	10	0	5	12	4	1	7
technology well	25.7%	22.2%	20.8%	36.4%	33.3%	50.0%	22.7%	0.0%	38.5%	24.5%	26.7%	16.7%	29.2%
I have a professional													
understanding of this	30	0	2	0	0	0	10	1	. 3	7	2	1	2
technology	12.7%	0.0%	8.3%	0.0%	0.0%	0.0%	22.7%	50.0%	23.1%	14.3%	13.3%	16.7%	8.3%
		FGhik		g			Α	Ac	a	a		а	

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
. 0 0 0	37.6%	26.5%			6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	
Center of Expertise (COE)												
I have never heard of	16	10	8	1	3	1	0	1	1	27	3	1
	18.6%	16.1%	17.8%	12.5%	21.4%	14.3%	0.0%	5.9%	12.5%	16.5%	60.0%	5.9%
								d		d	ace	d
I know the name but I	21	11	7	0	2	0	2	2	1	33	0	5
cannot say	24.4%	17.7%	15.6%	0.0%	14.3%	0.0%	22.2%	11.8%	12.5%	20.1%	0.0%	29.4%
I understand												
basically what it is	26	17	9	3	3	3	0	2	3	44	0	6
but not the details	30.2%	27.4%	20.0%	37.5%	21.4%	42.9%	0.0%	11.8%	37.5%	26.8%	0.0%	35.3%
						g	f					
I understand this	13	19	17	3	2	2	4	8	3	40	2	3
technology well	15.1%	30.6%	37.8%	37.5%	14.3%	28.6%	44.4%	47.1%	37.5%	24.4%	40.0%	17.6%
	bCg	a	Α				a	С		а		
I have a professional												
understanding of this	10	5	4	1	4	1	3	4	0	20	0	2
technology	11.6%	8.1%	8.9%	12.5%	28.6%	14.3%	33.3%	23.5%	0.0%	12.2%	0.0%	11.8%
		eg			b		b					

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Center of Expertise (COE)											
I have never heard of	14 19.4%	10 16.9%	3 23.1%	1 5.3%	0 0.0%	0 0.0%	1 7.1%	22 19.6%	15 16.1%	2 8.7%	0 0.0%
I know the name but I cannot say	19 26.4%	9 15.3%	3 23.1%	1 5.3%	0 0.0%	0 0.0%	3 21.4%	26 23.2%	14 15.1%	2 8.7%	0 0.0%
I understand basically what it is but not the details I understand this	22 30.6% 10	17 28.8% 18	2 15.4%	6 31.6% 9	2 28.6% 3	2 40.0% 2	2 14.3% 5	27 24.1% 25	29 31.2% 25	5 21.7% 8	1 20.0% 3
technology well	13.9% bD	30.5% a	30.8%	47.4% A	42.9%	40.0%	35.7%	22.3%	26.9%	34.8%	60.0%
I have a professional understanding of this technology	7 9.7%	5 8.5%	1 7.7%	2 10.5%	2 28.6%	1 20.0%	3 21.4%	12 10.7%	10 10.8%	6 26.1%	1 20.0%

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	13
TOLAI	25.3%	20.7%	46 19.4%	35 14.8%	14.3%	5.5%
						0.0,1
Center of Expertise (COE)						
I have never heard of	8	14	6	6	3	2
	13.3%	29.2%	13.6%	17.1%	8.8%	15.4%
	b	ae			b	
I know the name but I	10	6	8	6	12	1
cannot say	16.7%	12.5%	18.2%	17.1%	35.3%	7.7%
•	е	e			ab	
I understand						
basically what it is	14	9	10	16	8	5
but not the details	23.3%	18.8%	22.7%	45.7%	23.5%	38.5%
	d	D	d	аВс		
I understand this	19	14	12	6	6	4
technology well	31.7%	29.2%	27.3%	17.1%	17.6%	30.8%
lhava a nuclearianal						
I have a professional	0	_			_	
understanding of this	9 15 00/	5	10.20/	2.00/	5	7.70/
technology	15.0%	10.4%	18.2%	2.9%	14.7%	7.7%
			d	С		

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%	9 3.8%	8 3.4%	44 18.7%	2 0.9%		50 21.3%	15 6.4%	6 2.6%	25 10.6%
<u>Other</u>													
I have never heard of	10 45.5%	2 50.0%	2 66.7%	1 50.0%	1 100.0%	0 0.0%	2 66.7%			1 33.3%	0 0.0%	0 0.0%	0 0.0%
I know the name but I cannot say	2 9.1%	0 0.0%	0 0.0%	1 50.0%	_	0 0.0%	1 33.3%	_	_	0 0.0%	0 0.0%	0 0.0%	0 0.0%
I understand basically what it is but not the details	8 36.4%	2 50.0%	1 33.3%	0 0.0%		0 0.0%	0 0.0%			2 66.7%	0 0.0%	0 0.0%	2 100.0%
I understand this technology well	2 9.1%	0 0.0%	0 0.0%	0 0.0%		1 100.0%	0 0.0%			0 0.0%	0 0.0%	0 0.0%	0 0.0%
I have a professional understanding of this technology	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%		0 0.0%	0 0.0%	0 0.0%	0 0.0%

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			S	ales Revenue						Ownership		
Number Col %	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Total	88 37.6%	62 26.5%			14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	
<u>Other</u>												
I have never heard of	4 33.3%	1 33.3%	2 50.0%		1 100.0%	1 100.0%	1 100.0%	4 100.0% c	0 0.0%	5 33.3% a	0 0.0%	_
I know the name but I cannot say	2 16.7%	0 0.0%		_	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 13.3%	0 0.0%	_
I understand basically what it is but not the details	4 33.3%	2 66.7%			0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	7 46.7%	0 0.0%	
I understand this technology well	2 16.7%	0 0.0%			0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 6.7%	0 0.0%	
I have a professional understanding of this technology	0 0.0%	0 0.0%			0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74	60	13	19	7	5	14	115	93	23	5
	38.5%	31.3%	6.8%	9.9%	3.6%	2.6%	7.3%	48.7%	39.4%	9.7%	2.1%
<u>Other</u>											
I have never heard of	3	1	0	1	0	1	1	7	1	2	0
	30.0%	33.3%	0.0%	50.0%	0.0%	100.0%	100.0%	50.0%	16.7%	100.0%	0.0%
I know the name but I cannot say	2	0	0	0	0	0	0	1	1	0	0
	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	7.1%	16.7%	0.0%	0.0%
I understand basically what it is but not the details	3 30.0%	2 66.7%	0 0.0%	1 50.0%	0 0.0%	0 0.0%	0 0.0%	5 35.7%	3 50.0%	0 0.0%	0 0.0%
I understand this technology well	2	0	0	0	0	0	0	1	1	0	0
	20.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	7.1%	16.7%	0.0%	0.0%
I have a professional understanding of this technology	0	0	0	0	0	0	0	0	0	0	0
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Q7a. Do you have a good understanding of the following? (one choice per row)

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
011						
<u>Other</u>						
I have never heard of	1	3	1	3	1	1
Thave never heard of	16.7%	60.0%	50.0%	75.0%	33.3%	50.0%
	201770	33.373	20.075	70.070	55.575	33.075
I know the name but I	0	1	0	0	1	0
cannot say	0.0%	20.0%	0.0%	0.0%	33.3%	0.0%
I understand						
basically what it is	5	1	0	1	1	0
but not the details	83.3%	20.0%	0.0%	25.0%	33.3%	0.0%
						_
I understand this	0	0	1	0	0	1
technology well	0.0%	0.0%	50.0%	0.0%	0.0%	50.0%
I have a professional						
understanding of this	0	0	0	0	0	0
_	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
technology	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245	Total						Indu	stry					
Number			Bank/Fin										
Col %		Retail/ Whole- sale	Insur Real Estate	Mining Construc- tion	Trans- portation Pub. Util	Energy	Service Consult- ing	Commun- ications Media	Tech Soft- Hardware Bio	Manufac- turing	Health- care Pharm	Agr, Pub Admin	Other Industry
		Α	В	С	D	Е	F	G	Н	1	J	K	L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%	9 3.8%	8 3.4%	44 18.7%			50 21.3%	15 6.4%	6 2.6%	25 10.6%
Blockchain technology													
This will not affect	87	6	4	5	3	1	20	0	2	27	6	1	11
my business	37.7%	23.1% fl	16.0% fII	45.5%	33.3%	12.5% i	47.6% abh	0.0%		55.1%	42.9%	16.7%	47.8% b
This might impact my													
business but I don't	93	16	15		4	4	11				5	22 22/	6
know exactly how	40.3%	61.5% Fil	60.0% Fil		44.4%	50.0%	26.2% AB		38.5%	34.7% ab	35.7%	33.3%	26.1% ab
This technology will impact my business													
but we are not	39	4	6			1	7				2	2	6
currently adopting	16.9%	15.4%	24.0%	9.1%	22.2%	12.5%	16.7%	0.0%	23.1%	8.2% I	14.3%	33.3%	26.1% i
We are currently													
working to adopt this	9	0	0			1	4			1	1	1	0
technology	3.9%	0.0% k	0.0% k		0.0%	12.5%	9.5%	0.0%	7.7%	2.0%	7.1%	16.7% ab	0.0%
We have already													
adopted this	3	0	0		0	1	0				0	0	0
technology	1.3%	0.0% h	0.0%	0.0%	0.0%	12.5% fi	0.0% eh		15.4% afl	0.0% eH	0.0%	0.0%	0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	
Blockchain technology												
This will not affect	43	20	14	3	4	2	1	3	3	71	1	3
my business	51.8%	33.3%	30.4%		28.6%	28.6%	12.5%	18.8%	37.5%	43.8%	20.0%	18.8%
	bcg	a	a				а					
This might impact my												
business but I don't	24	30	20	4	7	2	4	6	5	63	2	5
know exactly how	28.9%	50.0%	43.5%	50.0%	50.0%	28.6%	50.0%	37.5%	62.5%	38.9%	40.0%	31.3%
	b	a										
This technology will												
impact my business												
but we are not	11	10	_		1	2	1	6	0	19	2	
currently adopting	13.3%	16.7%	21.7%	12.5%	7.1%	28.6%	12.5%	37.5%	0.0%	11.7%	40.0%	
								С	е	AE		bC
We are currently												
working to adopt this	2	0			2	1	2	1	0	6	0	
technology	2.4%	0.0%			14.3%	14.3%	25.0%	6.3%	0.0%	3.7%	0.0%	6.3%
	eG	EFG	g		aB	В	ABc					
We have already												
adopted this	3	0			0	0	0	0	0	3	0	
technology	3.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%	0.0%	0.0%

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

N=245			Numb	er of Employ			Foreign	Sales	6 2.1%					
Number							More							
Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	than 10,000 G	0% A	1-24% B	25-50% C	than 50%			
		<u> </u>		D .		ı								
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	_			
Blockchain technology														
This will not affect	36	21	5	6	1	2	2	44	36	5				
my business	50.7% g	36.2%	41.7%	31.6%	14.3%	40.0%	15.4% a	39.3%	40.4%	21.7%	40.0%			
This might impact my														
business but I don't	22	26	6	7	2	1	7	46	35	9	2			
know exactly how	31.0%	44.8%	50.0%	36.8%	28.6%	20.0%	53.8%	41.1%	39.3%	39.1%	40.0%			
This technology will impact my business														
but we are not	8	11	1	6	2	2	1	18	14	5	1			
currently adopting	11.3% d	19.0%	8.3%	31.6% a	28.6%	40.0%	7.7%	16.1%	15.7%	21.7%	20.0%			
We are currently														
working to adopt this	2	0	0	0	2	0	3	2	3	4				
technology	2.8% EG	0.0% EG	0.0%	0.0% eg	28.6% ABd	0.0%	23.1% ABd	1.8% C	3.4% c	17.4% Ab				
We have already														
adopted this	3	0	0	0	0	0	0	2	1	0				
technology	4.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.8%	1.1%	0.0%	0.0%			

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	13
Total	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Blockchain technology						
This will not affect	24	14	19	16	10	4
my business	41.4%	30.4%	41.3%	48.5%	30.3%	30.8%
This might impact my						
business but I don't	24	16	15	13	18	6
know exactly how	41.4%	34.8%	32.6%	39.4%	54.5%	46.2%
This technology will impact my business						
but we are not	7	9	10	4	5	3
currently adopting	12.1%	19.6%	21.7%	12.1%	15.2%	23.1%
We are currently						
working to adopt this	2	5	2	0	0	0
technology	3.4%	10.9%	4.3%	0.0%	0.0%	0.0%
We have already						
adopted this	1	2	0	0	0	0
technology	1.7%	4.3%	0.0%	0.0%	0.0%	0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245	Total												
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%	9 3.8%	8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
Bitcoin / Ethereum													
This will not affect my business	145 62.5%	16 59.3%	11 44.0% cfl	9 81.8% bj	6 66.7%	4 50.0%	31 73.8% bj	0.0%			5 35.7% cfl	4 66.7%	13 56.5%
This might impact my business but I don't know exactly how	68 29.3%	9 33.3%	11 44.0% fi	2 18.2%	3 33.3%	2 25.0%	7 16.7% bgj	_	_		7 50.0% fi	2 33.3%	8 34.8%
This technology will impact my business but we are not currently adopting	10 4.3%	2 7.4%	0 0.0%	0 0.0%	0 0.0%	1 12.5%	3 7.1%				2 14.3%	0 0.0%	1 4.3%
We are currently working to adopt this	4.3%	7.4%	3	0.0%		12.5%	7.176				14.3%	0.0%	4.3%
technology	3.4%	0.0%	12.0%	0.0%		12.5%	2.4%				0.0%	0.0%	4.3%
We have already adopted this technology	1 0.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%				0 0.0%	0 0.0%	0 0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245			9	ales Revenue	!					Ownership		
Number	Less than						More		Public,			_
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	Е	F	G	A	В	С	D	<u> </u>
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
Bitcoin / Ethereum												
This will not affect	60	36	27	5	7	3	3	5	2	112	3	7
my business	71.4%	60.0%	58.7%	62.5%	50.0%	42.9%	37.5%	31.3%	25.0%	68.7%	60.0%	43.8%
								С	С	Abe		С
This might impact my												
business but I don't	17	19		3	6	4	4	9	5	40	2	5
know exactly how	20.2%	31.7%	32.6%	37.5%	42.9%	57.1%	50.0%	56.3%	62.5%	24.5%	40.0%	31.3%
	f					а		С	С	Ab		
This technology will												
impact my business												
but we are not	4	4			0	0	1	1	0	6	0	
currently adopting	4.8%	6.7%	2.2%	0.0%	0.0%	0.0%	12.5%	6.3%	0.0%	3.7% E	0.0%	18.8% C
We are currently												
working to adopt this	2	1			1	0	0	1	1	4	0	
technology	2.4%	1.7%	6.5%	0.0%	7.1%	0.0%	0.0%	6.3%	12.5%	2.5%	0.0%	6.3%
We have already												
adopted this	1	0			0	0	0	0	0	1	0	
technology	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245			Numb	er of Employ			Foreign	Sales	D 5 2.1% 2 40.0% 2 40.0%				
Number							More						
Col %	Fewer than 100	100- 499	500- 999	1000- 2499	2500- 4999	5000- 9999	than 10,000	0%	1-24%	25-50%	than 50%		
	A	В	С	D	E _.	F	G _	Α	В	С	D		
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	_		
Bitcoin / Ethereum													
This will not affect	51	36	7	11	2	2	4	70	60	11			
my business	70.8% eG	62.1% g	58.3%	57.9%	28.6% a	40.0%	30.8% Ab	62.5%	66.7%	47.8%	40.0%		
This might impact my													
business but I don't	14	18	5	5	3	2	8	35	21	10	2		
know exactly how	19.4% G	31.0% g	41.7%	26.3%	42.9%	40.0%	61.5% Ab	31.3%	23.3%	43.5%	40.0%		
This technology will impact my business													
but we are not	4	3	0	2	0	1	0	4	4	1	1		
currently adopting	5.6%	5.2%	0.0%	10.5%	0.0%	20.0%	0.0%	3.6%	4.4%	4.3%			
We are currently													
working to adopt this	2	1	0	1	2	0	1	3	4	1			
technology	2.8% E	1.7% E	0.0%	5.3%	28.6% AB	0.0%	7.7%	2.7%	4.4%	4.3%	0.0%		
We have already													
adopted this	1	0	0	0	0	0	0	0	1	0	0		
technology	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.1%	0.0%	0.0%		

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	13
TOtal	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Bitcoin / Ethereum						
This will not affect	36	27	28	20	22	10
my business	62.1%	57.4%	60.9%	60.6%	66.7%	76.9%
This might impact my						
business but I don't	19	12	13	10	11	3
know exactly how	32.8%	25.5%	28.3%	30.3%	33.3%	23.1%
This technology will						
impact my business						
but we are not	2	2	4	2	0	0
currently adopting	3.4%	4.3%	8.7%	6.1%	0.0%	0.0%
currently adopting	3.470	4.570	0.770	0.170	0.070	0.070
We are currently						
working to adopt this	1	5	1	1	0	0
technology	1.7%	10.6%	2.2%	3.0%	0.0%	0.0%
We have already						
adopted this	0	1	0	0	0	0
technology	0.0%	2.1%	0.0%	0.0%	0.0%	0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245	Total						Indu	ıstry					
Number			Bank/Fin										
Col %		Retail/ Whole- sale A	Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%		9 3.8%	8 3.4%	44 18.7%	_		50 21.3%	15 6.4%	6 2.6%	25 10.6%
Smart Contracts													
This will not affect my business	84 36.1%	11 40.7%	6 24.0%		4 44.4%	2 25.0%	17 39.5%		15.4%	22 44.9% c	6 42.9%	1 16.7%	10 43.5%
This might impact my business but I don't know exactly how	113 48.5%	14 51.9%	16 64.0%		4 44.4%	2 25.0%	20 46.5%			23 46.9%	5 35.7%	2 33.3%	13 56.5%
This technology will impact my business but we are not	26	1	3			2	4	_		3	3	3	0
currently adopting	11.2%	3.7% hK	12.0% k		11.1%	25.0% I	9.3% k		30.8% aiL	6.1% hK	21.4% I	50.0% AbfIL	0.0% ceHjK
We are currently	7	4	0	0	0	4	4	0	4	4	0	0	0
working to adopt this technology	7 3.0%	1 3.7%	0 0.0%		0.0%	1 12.5%	1 2.3%			2.0%	0 0.0%	0.0%	0 0.0%
We have already adopted this technology	3 1.3%	0 0.0%	0 0.0%		0 0.0%	1 12.5% i	1 2.3%			0 0.0% e	0 0.0%	0 0.0%	0 0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245			9	ales Revenue						Ownership		
Number	Less than						More		Public,			_
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	A	В	С	D	<u> </u>
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
Smart Contracts												
This will not affect	42	19	11	2	4	2	2	3	3	61	1	5
my business	49.4%	31.7%	23.9%	25.0%	28.6%	28.6%	25.0%	18.8%	37.5%	37.2%	20.0%	31.3%
	bC	a	Α									
This might impact my												
business but I don't	31	34	27	5	7	4	3	8	5	81	3	8
know exactly how	36.5%	56.7%	58.7%	62.5%	50.0%	57.1%	37.5%	50.0%	62.5%	49.4%	60.0%	50.0%
	bc	а	а									
This technology will												
impact my business												
but we are not	7	6			2	1	1	3	0	16	1	
currently adopting	8.2%	10.0%	17.4%	12.5%	14.3%	14.3%	12.5%	18.8%	0.0%	9.8%	20.0%	18.8%
We are currently												
working to adopt this	3	0			1	0	2	2	0	3	0	
technology	3.5%	0.0%			7.1%	0.0%	25.0%	12.5%	0.0%	1.8%	0.0%	0.0%
	g	eG	G		b		aBC	С		a		
We have already												
adopted this	2	1			0	0	0	0	0	3	0	
technology	2.4%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.8%	0.0%	0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245 Number of Employees									Foreign Sales More					
Number							More							
Col %	Fewer than 100	100- 499	500- 999	1000- 2499	2500- 4999	5000- 9999	than 10,000	0%	1-24%	25-50%	than 50%			
	A	В	С	D	E	F	G _	Α	В	С	D			
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%			
	36.3%	31.3%	0.0%	9.9%	3.0%	2.0%	7.5%	40.770	33.4%	9.770	2.170			
Smart Contracts														
This will not affect	29	22	5	5	0	1	3	42	34	4	3			
my business	40.3% e	37.3%	41.7%	26.3%	0.0% a	20.0%	23.1%	37.5%	37.4%	17.4%	60.0%			
This might impact my business but I don't	31	27	7	12	2	2	0	F2	49	12	0			
know exactly how	43.1%	27 45.8%	58.3%	13 68.4%	3 42.9%	3 60.0%	8 61.5%	52 46.4%	53.8%	12 52.2%	0 0.0%			
Miew caddiy new	13.170	13.070	30.370	00.170	12.370	00.070	01.370	d	d	d	abc			
This technology will														
impact my business														
but we are not	8	9	0	1	4	0	1	13	7	5	1			
currently adopting	11.1% E	15.3% e	0.0% E	5.3% E	57.1% AbCDg	0.0%	7.7% e	11.6%	7.7%	21.7%	20.0%			
	L	C	L	L	AUCDg		C							
We are currently														
working to adopt this	2	0	0	0	0	1	1	3	0	2				
technology	2.8%	0.0%	0.0%	0.0%	0.0%	20.0%	7.7%	2.7%	0.0%	8.7%				
		Fg				В	b	d	CD	В	aB			
We have already														
adopted this	2	1	0	0	0	0	0	2	1	0	0			
technology	2.8%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	1.8%	1.1%	0.0%	0.0%			

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

N=245	Where are you personally located?										
Number			South		South						
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain					
	US	US	US	US	US	US					
	Α	В	С	D	E	F					
Total	60	49	46	35	34	13					
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%					
Smart Contracts											
This will not affect	20	15	15	14	14	5					
my business	34.5%	31.9%	32.6%	41.2%	42.4%	38.5%					
This might impact my											
business but I don't	32	23	20	15	16	7					
know exactly how	55.2%	48.9%	43.5%	44.1%	48.5%	53.8%					
This technology will impact my business											
but we are not	6	5	7	5	2	1					
currently adopting	10.3%	10.6%	15.2%	14.7%	6.1%	7.7%					
We are currently											
working to adopt this	0	2	4	0	0	0					
technology	0.0%	4.3%	8.7%	0.0%	0.0%	0.0%					
	С		а								
We have already											
adopted this	0	2	0	0	1	0					
technology	0.0%	4.3%	0.0%	0.0%	3.0%	0.0%					

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245	Total												
Number			Bank/Fin										
Col %		Retail/ Whole- sale A	Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%	9 3.8%	8 3.4%	44 18.7%			50 21.3%	15 6.4%	6 2.6%	25 10.6%
Robo-advisor													
This will not affect my business	133 57.6%	14 51.9%	14 56.0%	3 27.3% di		5 62.5%	20 47.6%			33 67.3% c	9 69.2%	4 66.7%	14 60.9%
This might impact my													
business but I don't	67	8	6	6	2	2	12	0	5	15	2	1	8
know exactly how	29.0%	29.6%	24.0%	54.5%	22.2%	25.0%	28.6%	0.0%	38.5%	30.6%	15.4%	16.7%	34.8%
This technology will impact my business													
but we are not	25	3	5	1	0	1	8			1	2	1	1
currently adopting	10.8%	11.1%	20.0% I	9.1%	0.0%	12.5%	19.0% I	0.0%	0.0%	2.0% BF	15.4%	16.7%	4.3%
We are currently													
working to adopt this	6	2	0	1		0	2			0	0	0	0
technology	2.6%	7.4%	0.0%	9.1% i	0.0%	0.0%	4.8%	0.0%	7.7%	0.0% c	0.0%	0.0%	0.0%
We have already													
adopted this	0	0	0	0		0	0			0	0	0	0
technology	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%		6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	
Robo-advisor												
This will not affect	51	32	29	7	6	3	4	8	5	95	4	8
my business	60.7%	53.3%	63.0%	87.5%	46.2%	42.9%	50.0%	53.3%	62.5%	58.3%	80.0%	50.0%
This might impact my												
business but I don't	22	21	13	1	4	3	2	4	2	49	1	4
know exactly how	26.2%	35.0%	28.3%	12.5%	30.8%	42.9%	25.0%	26.7%	25.0%	30.1%	20.0%	25.0%
This technology will												
impact my business												
but we are not	10	5	4		2	1	1	2	0	15	0	
currently adopting	11.9%	8.3%	8.7%	0.0%	15.4%	14.3%	12.5%	13.3%	0.0%	9.2%	0.0%	25.0%
We are currently												
working to adopt this	1	2	0		1	0	1	1	1	4	0	
technology	1.2%	3.3%	0.0%	0.0%	7.7%	0.0%	12.5%	6.7%	12.5%	2.5%	0.0%	0.0%
	g		g				ac					
We have already												
adopted this	0	0	0		0	0	0	0	0	0	0	
technology	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number							More				_
Col %	Fewer than 100	100- 499	500- 999	1000- 2499	2500- 4999	5000- 9999	than 10,000	0%	1-24%	25-50%	More than 50%
	A	B	C	D D	E E	F	G	Α	B	C C	D D
Total	74	60	13	19	7	5	14	115	93	23	5
	38.5%	31.3%	6.8%	9.9%	3.6%	2.6%	7.3%	48.7%	39.4%	9.7%	2.1%
Robo-advisor											
This will not affect	38	34	8	16	1	2	6	62	56	11	4
my business	53.5%	57.6%	66.7%	84.2%	14.3%	40.0%	46.2%	55.9%	61.5%	50.0%	80.0%
	d	de	е	abEg	bcD		d				
This might impact my											
business but I don't	24	18	4	1	2	2	6	32	29	6	0
know exactly how	33.8%	30.5%	33.3%	5.3%	28.6%	40.0%	46.2%	28.8%	31.9%	27.3%	0.0%
	d	d	d	abcfg		d	d				
This technology will impact my business											
but we are not	7	5	0	1	4	0	1	16	4	3	0
currently adopting	9.9%	8.5%	0.0%	5.3%	57.1%	0.0%	7.7%	14.4%	4.4%	13.6%	0.0%
	Е	Е	E	Е	ABCDg		е	b	a		
We are currently											
working to adopt this	2	2	0	1	0	1	0	1	2	2	1
technology	2.8%	3.4%	0.0%	5.3%	0.0%	20.0%	0.0%	0.9%	2.2%	9.1%	
								cD	d	а	Ab
We have already											
adopted this	0	0	0	0	0	0	0	0	0	0	
technology	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Robo-advisor						
This will not affect	35	23	28	18	19	10
my business	61.4%	48.9%	62.2%	52.9%	57.6%	76.9%
,						
This might impact my						
business but I don't	16	17	10	10	11	3
know exactly how	28.1%	36.2%	22.2%	29.4%	33.3%	23.1%
This technology will impact my business						
but we are not	5	6	5	4	3	0
currently adopting	8.8%	12.8%	11.1%	11.8%	9.1%	0.0%
currently adopting	0.070	12.070	11.1/0	11.070	3.170	0.070
We are currently						
working to adopt this	1	1	2	2	0	0
technology	1.8%	2.1%	4.4%	5.9%	0.0%	0.0%
We have already						
adopted this	0	0	0	0	0	0
technology	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245	Total						Indu	stry					
Number			Bank/Fin										_
Col %		Retail/ Whole- sale	Insur Real Estate	Mining Construc- tion	Trans- portation Pub. Util	Energy	Service Consult- ing	Commun- ications Media	Tech Soft- Hardware Bio	Manufac- turing	Health- care Pharm	Agr, Pub Admin	Other Industry
		Α	В	С	D	Е	F	G	Н	1	J	K	L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%		8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
Big data													
This will not affect	37	4	3	2		1	8				1	0	4
my business	15.7%	15.4%	12.0%	18.2%	11.1%	12.5%	18.2%	0.0%	0.0% i	26.5% h	7.1%	0.0%	16.7%
This might impact my													
business but I don't	69	10	10			3	9				5	1	4
know exactly how	29.4%	38.5%	40.0%	36.4%	33.3%	37.5%	20.5%	0.0%	15.4%	34.7%	35.7%	16.7%	16.7%
This technology will impact my business													
but we are not	51	5	4	2		2	7			_	4	2	9
currently adopting	21.7%	19.2%	16.0%	18.2%	0.0% I	25.0%	15.9% I	50.0%	30.8%	20.4%	28.6%	33.3%	37.5% df
We are currently													
working to adopt this	60	4	7	3		1	15				4	2	6
technology	25.5%	15.4%	28.0%	27.3%	44.4% i	12.5%	34.1% i	50.0%	38.5%	14.3% df	28.6%	33.3%	25.0%
We have already													
adopted this	18	3	1	0		1	5				0	1	1
technology	7.7%	11.5%	4.0%	0.0%	11.1%	12.5%	11.4%	0.0%	15.4%	4.1%	0.0%	16.7%	4.2%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	Α	В	С	D	E	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
Total	37.6%	26.5%	19.7%	_	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
Big data												
This will not affect	21	7	5	0	2	2	0	1	2	30	1	1
my business	24.4%	11.7%	10.9%		14.3%	28.6%	0.0%	5.9%	25.0%	18.2%	20.0%	6.3%
, 545555	2 , s		20.070	0.075	2	20.075	0.070	0.570	25.075	20.27	20.075	0.075
This might impact my												
business but I don't	29	21	13	3	3	0	0	2	2	54	2	3
know exactly how	33.7%	35.0%	28.3%	37.5%	21.4%	0.0%	0.0%	11.8%	25.0%	32.7%	40.0%	18.8%
	g	g					ab					
This technology will												
impact my business												
but we are not	21	10	13	3	2	0	1	1	1	34	1	6
currently adopting	24.4%	16.7%	28.3%	37.5%	14.3%	0.0%	11.1%	5.9%	12.5%	20.6%	20.0%	37.5%
								е				a
We are currently												
working to adopt this	11	18	13	2	6	4	3	9	1	38	1	5
technology	12.8%	30.0%	28.3%	25.0%	42.9%	57.1%	33.3%	52.9%	12.5%	23.0%	20.0%	31.3%
	bcEF	а	a		Α	Α		С		Α		
We have already												
adopted this	4	4	2	0	1	1	5	4	2	9	0	1
technology	4.7%	6.7%	4.3%		7.1%	14.3%	55.6%	23.5%	25.0%	5.5%	0.0%	
	G	G	G	g	g		ABCde	С	С	Ab		

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

N=245	Number of Employees								Foreign Sales				
Number							More						
Col %	Fewer	100-	500-	1000-	2500-	5000-	than				More		
	than 100	499	999	2499	4999	9999	10,000	0%	1-24%	25-50%	than 50%		
	A	В	С	D	E	F	G	Α	В	С	D		
Total	74	60	13	19	7	5	14	115	93	23	5		
	38.5%	31.3%	6.8%	9.9%	3.6%	2.6%	7.3%	48.7%	39.4%	9.7%	2.1%		
Big data													
This will not affect	15	10	2	2	0	1	1	19	14	4	0		
my business	20.5%	16.9%	16.7%	10.5%	0.0%	20.0%	7.1%	16.8%	15.2%	17.4%	0.0%		
This might impact my													
business but I don't	29	18	2	5	0	1	0	38	26	3	2		
know exactly how	39.7%	30.5%	16.7%	26.3%	0.0%	20.0%	0.0%	33.6%	28.3%	13.0%	40.0%		
	eG	g		g	a		Abd						
This technology will													
impact my business													
but we are not	16	8	5	6	2	0	2	24	23	4			
currently adopting	21.9%	13.6%	41.7%	31.6%	28.6%	0.0%	14.3%	21.2%	25.0%	17.4%	0.0%		
		С	b										
We are currently													
working to adopt this	10	20	3	6	5	2	5	25	24	9	1		
technology	13.7%	33.9%	25.0%	31.6%	71.4%	40.0%	35.7%	22.1%	26.1%	39.1%	20.0%		
	BEg	Α			А		a						
We have already													
adopted this	3	3	0	0	0	1	6	7	5	3			
technology	4.1%	5.1%	0.0%	0.0%	0.0%	20.0%	42.9%	6.2%	5.4%	13.0%			
	G	G	g	G			ABcD	D	D		AB		

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	13
Total	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Big data						
This will not affect	8	7	9	7	4	2
my business	13.6%	14.9%	19.6%	20.6%	11.8%	15.4%
This might impact my						
business but I don't	16	16	15	9	11	2
know exactly how	27.1%	34.0%	32.6%	26.5%	32.4%	15.4%
This technology will impact my business						
but we are not	16	7	10	7	6	5
currently adopting	27.1%	14.9%	21.7%	20.6%	17.6%	38.5%
We are currently						
working to adopt this	16	14	11	7	9	2
technology	27.1%	29.8%	23.9%	20.6%	26.5%	15.4%
We have already						
adopted this	3	3	1	4	4	2
technology	5.1%	6.4%	2.2%	11.8%	11.8%	15.4%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245	Total						Indu	ıstry					
Number			Bank/Fin										
Col %		Retail/ Whole- sale A	Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Communications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%		9 3.8%	8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
Peer-to-peer lending													
This will not affect my business	130 56.0%	19 70.4% bj	10 40.0% al	36.4%		4 50.0%	21 48.8%				5 35.7% al	4 66.7%	17 73.9% bcj
This might impact my business but I don't know exactly how	66 28.4%	6 22.2%	6 24.0%		2 22.2%	2 25.0%	14 32.6%	-			6 42.9% I	1 16.7%	3 13.0% cj
This technology will impact my business but we are not currently adopting	30 12.9%	1 3.7% b	7 28.0% ai	9.1%	0 0.0%	2 25.0%	7 16.3%				3 21.4%	0 0.0%	3 13.0%
We are currently working to adopt this technology	4 1.7%	1 3.7%	2 8.0%			0 0.0%	0 0.0%				0 0.0%	0 0.0%	0 0.0%
We have already adopted this technology	2 0.9%	0 0.0% k	0 0.0% k	0.0%	0 0.0%	0 0.0%	1 2.3%				0 0.0%	1 16.7% abl	0 0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%		6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	
Peer-to-peer lending												
This will not affect	48	27	29	6	10	4	4	9	6	90	3	7
my business	57.1%	45.0%	63.0%	75.0%	71.4%	57.1%	50.0%	56.3%	75.0%	55.2%	60.0%	43.8%
This might impact my												
business but I don't	23	20	13	1	3	2	2	4	1	50	2	4
know exactly how	27.4%	33.3%	28.3%	12.5%	21.4%	28.6%	25.0%	25.0%	12.5%	30.7%	40.0%	25.0%
This technology will												
impact my business		4.0	_	_				•		4.0		_
but we are not	8	12	4		7.10/	1 14.3%	2 25.0%	3	1 12.5%	18 11.0%	0	_
currently adopting	9.5%	20.0%	8.7%	12.5%	7.1%	14.5%	25.0%	18.8%	12.5%	11.0% e	0.0%	31.3% c
We are currently												
working to adopt this	4	0	0	0	0	0	0	0	0	3	0	0
technology	4.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.8%	0.0%	0.0%
We have already												
adopted this	1	1	0		0	0	0	0	0	2	0	
technology	1.2%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%	0.0%	0.0%

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

N=245									Foreign Sales			
Number							More					
Col %	Fewer than 100	100- 499	500- 999	1000- 2499	2500- 4999	5000- 9999	than 10,000	0%	1-24%	25-50%	More than 50%	
	Α	В	С	D	E	F	G	Α	В	С	D	
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%		
Peer-to-peer lending												
This will not affect	43	32	7	14	1	4	7	58	59	9	3	
my business	60.6%	54.2%	58.3%	73.7%	14.3%	80.0%	53.8%	51.8%	65.6%	39.1%		
	е	е		e	abdf	е			С	b		
This might impact my												
business but I don't	17	18	3	3	4	0	4	35	20	8	2	
know exactly how	23.9%	30.5%	25.0%	15.8%	57.1%	0.0%	30.8%	31.3%	22.2%	34.8%	40.0%	
				е	d							
This technology will impact my business												
but we are not	7	8	2	2	2	1	2	15	10	5	0	
currently adopting	9.9%	13.6%	16.7%	10.5%	28.6%	20.0%	15.4%	13.4%	11.1%	21.7%	0.0%	
We are currently												
working to adopt this	3	0	0	0	0	0	0	3	1	0	0	
technology	4.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.7%	1.1%	0.0%	0.0%	
We have already												
adopted this	1	1	0	0	0	0	0	1	0	1	0	
technology	1.4%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	0.0%	4.3%	0.0%	
									С	b		

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	Е	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Peer-to-peer lending						
This will not affect	33	22	24	19	21	10
my business	56.9%	46.8%	52.2%	57.6%	63.6%	76.9%
,						
This might impact my						
business but I don't	16	20	12	7	9	1
know exactly how	27.6%	42.6%	26.1%	21.2%	27.3%	7.7%
		f				b
This technology will						
impact my business						
but we are not	9	4	8	5	2	2
currently adopting	15.5%	8.5%	17.4%	15.2%	6.1%	15.4%
, ,						
We are currently						
working to adopt this	0	1	2	1	0	0
technology	0.0%	2.1%	4.3%	3.0%	0.0%	0.0%
Ma have already.						
We have already	0	0	0	1	1	0
adopted this	0 0.0%	0 0.0%	0 0.0%	1 3.0%	1 3.0%	0 0.0%
technology	0.0%	0.0%	0.0%	3.0%	3.0%	0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245	Total	Industry											
Number			Bank/Fin										
Col %		Retail/ Whole- sale A	Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%	9 3.8%	8 3.4%	44 18.7%			50 21.3%	15 6.4%	6 2.6%	25 10.6%
Machine learning													
This will not affect	64	11	6		3	2	14				4	0	8
my business	27.6%	40.7% h	24.0%	27.3%	33.3%	25.0%	32.6%	0.0%	7.7% a	24.5%	30.8%	0.0%	34.8%
This might impact my													
business but I don't	81	8	11	6	3	3	12				2	2	9
know exactly how	34.9%	29.6%	44.0%	54.5%	33.3%	37.5%	27.9%	0.0%	15.4%	38.8%	15.4%	33.3%	39.1%
This technology will impact my business													
but we are not	42	5	3	1	3	2	7				4	1	3
currently adopting	18.1%	18.5%	12.0%	9.1%	33.3%	25.0%	16.3%			22.4%	30.8%	16.7%	13.0%
			g	g			g	bcfhl	g				g
We are currently													
working to adopt this	33	1	5		0	1	7	_		7	2	3	2
technology	14.2%	3.7% hK	20.0%	9.1%	0.0% k	12.5%	16.3%	0.0%	30.8% a	14.3% k	15.4%	50.0% Adil	8.7% k
We have already													
adopted this	12	2	0			0	3		5	0	1	0	1
technology	5.2%	7.4%	0.0%		0.0%	0.0%	7.0%			0.0%	7.7%	0.0%	4.3%
		h	Н	h	h		Н		aBcdFll	Н			h

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245			S	ales Revenue			Ownership					
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	
Machine learning												
This will not affect	33	13	9	2	5	2	0	1	3	52	0	2
my business	38.8%	22.0%			35.7%	28.6%	0.0%	6.3%	37.5%	31.9%	0.0%	
	bcg	a	a				а	С		a		
This might impact my												
business but I don't	32	21	17	4	3	1	1	3	1	58	4	6
know exactly how	37.6%	35.6%	37.0%	50.0%	21.4%	14.3%	12.5%	18.8%	12.5%	35.6%	80.0%	37.5%
								d	d	d	abc	
This technology will												
impact my business												
but we are not	8	15	_		3	0	2	2	3	27	0	
currently adopting	9.4%	25.4%		25.0%	21.4%	0.0%	25.0%	12.5%	37.5%	16.6%	0.0%	25.0%
	b	а										
We are currently												
working to adopt this	6	8			3	3	5	10	0	17	1	
technology	7.1%	13.6%			21.4%	42.9%	62.5%	62.5%	0.0%	10.4%	20.0%	
	FG	G	G	g		Α	ABCd	BCe	Α	Α		а
We have already												
adopted this	6	2			0	1	0	0	1	9	0	
technology	7.1%	3.4%	6.5%	0.0%	0.0%	14.3%	0.0%	0.0%	12.5%	5.5%	0.0%	6.3%

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

N=245			Numb	er of Employ	Foreign Sales						
Number							More				
Col %	Fewer than 100	100- 499	500- 999	1000- 2499	2500- 4999	5000- 9999	than 10,000	0%	1-24%	25-50%	More than 50%
	Α	В	С	D	Е	F	G	Α	В	С	D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	
Machine learning											
This will not affect	27	18	3	2	0	3	1	33	24	6	1
my business	37.5%	30.5%	25.0%	11.1%	0.0%	60.0%	7.7%	29.7%	26.4%	26.1%	20.0%
	deg			af	af	deg	af				
This might impact my											
business but I don't	25	19	6	8	2	0	2	46	28	5	0
know exactly how	34.7%	32.2%	50.0%	44.4%	28.6%	0.0%	15.4%	41.4%	30.8%	21.7%	0.0%
This technology will impact my business											
but we are not	10	11	2	4	0	0	4	16	21	3	2
currently adopting	13.9%	18.6%	16.7%	22.2%	0.0%	0.0%	30.8%	14.4%	23.1%	13.0%	40.0%
We are currently											
working to adopt this	5	9	1	4	4	2	5	13	11	7	
technology	6.9%	15.3%	8.3%	22.2%	57.1%	40.0%	38.5%	11.7%	12.1%	30.4%	
	EfG	е	е		Abc	а	Α	С	С	ab	
We have already											
adopted this	5	2	0	0	1	0	1	3	7	2	
technology	6.9%	3.4%	0.0%	0.0%	14.3%	0.0%	7.7%	2.7%	7.7%	8.7%	0.0%

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

N=245	Where are you personally located?										
Number			South		South						
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain					
	US	US	US	US	US	US					
	Α	В	С	D	E	F					
Total	60	49	46	35	34	13					
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%					
Machine learning											
This will not affect	17	12	15	12	6	2					
my business	29.3%	25.5%	32.6%	35.3%	18.8%	15.4%					
This might impact my											
business but I don't	19	14	17	9	15	5					
know exactly how	32.8%	29.8%	37.0%	26.5%	46.9%	38.5%					
This technology will impact my business											
but we are not	16	6	7	5	6	2					
currently adopting	27.6%	12.8%	15.2%	14.7%	18.8%	15.4%					
We are currently											
working to adopt this	5	13	7	2	3	3					
technology	8.6%	27.7%	15.2%	5.9%	9.4%	23.1%					
	b	ad		b							
We have already											
adopted this	1	2	0	6	2	1					
technology	1.7%	4.3%	0.0%	17.6%	6.3%	7.7%					
	D	d	D	AbC							

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245	Total Industry												
Number			Bank/Fin					•					
Col %		Retail/ Whole- sale A	Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Communications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%	9 3.8%	8 3.4%	44 18.7%	2 0.9%		50 21.3%	15 6.4%	6 2.6%	25 10.6%
Robotic Process Automation	(RPA)												
This will not affect my business	86 36.9%	10 37.0%	13 52.0% i	2 18.2%	3 33.3%	2 25.0%	20 46.5% i	0 0.0%		12 24.5% bfl	5 35.7%	2 33.3%	12 52.2% i
This might impact my													
business but I don't know exactly how	75 32.2%	12 44.4% f	9 36.0%	7 63.6% dFjl	1 11.1% c	4 50.0%	8 18.6% aC			16 32.7%	3 21.4% c	2 33.3%	6 26.1% c
This technology will impact my business													
but we are not currently adopting	35 15.0%	3 11.1% g	2 8.0% G	1 9.1% g	3 33.3% I	1 12.5%	7 16.3% g		15.4%	11 22.4%	2 14.3%	1 16.7%	1 4.3% dG
We are currently	24	4	4	4	2	4	0	0	2	10	2	4	4
working to adopt this technology	34 14.6%	1 3.7%	1 4.0%	9.1%	2 22.2%	1 12.5%	8 18.6%	0 0.0%		10 20.4%	3 21.4%	1 16.7%	4 17.4%
We have already adopted this technology	3 1.3%	1 3.7%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%		0 0.0%	1 7.1%	0 0.0%	0 0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245			S	ales Revenue			Ownership					
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
Robotic Process Automati	on (RPA)											
This will not affect	44	17	13	5	3	3	0	3	4	63	2	6
my business	51.8%	28.3%	28.3%	62.5%	21.4%	42.9%	0.0%	18.8%	50.0%	38.4%	40.0%	37.5%
	BceG	Α	a	g	a		Ad					
This might impact my												
business but I don't	25	23	14	2	7	1	0	0	3	56	2	4
know exactly how	29.4%	38.3%	30.4%	25.0%	50.0%	14.3%	0.0%	0.0%	37.5%	34.1%	40.0%	25.0%
		g			g		be	bCde	a	Α	a	a
This technology will												
impact my business												
but we are not	7	13	14	_	0	0	1	3	0	23	1	
currently adopting	8.2%	21.7%			0.0%	0.0%	12.5%	18.8%	0.0%	14.0%	20.0%	25.0%
	bC	а	Ae		С							
We are currently												
working to adopt this	7	7	_		3	3	7	9	1	20	0	
technology	8.2%	11.7%			21.4%	42.9%	87.5%	56.3%	12.5%	12.2%	0.0%	12.5%
	FG	fG	fG	G	G	Abc	ABCDE	Cde		Α	a	а
We have already												
adopted this	2	0			1	0	0	1	0	2	0	
technology	2.4%	0.0%	0.0%	0.0%	7.1%	0.0%	0.0%	6.3%	0.0%	1.2%	0.0%	0.0%
		е			b							

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245			Numb	Foreign Sales							
Number							More				
Col %	Fewer than 100	100- 499	500- 999	1000- 2499	2500- 4999	5000- 9999	than 10,000	0%	1-24%	25-50%	More than 50%
	A	В	С	D	E	F	G	А	В	С	D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Robotic Process Automatic	on (RPA)										
This will not affect	35	20	5	5	1	2	2	45	35	5	1
my business	48.6% g	33.9%	41.7%	26.3%	14.3%	40.0%	15.4% a	40.2%	38.5%	21.7%	20.0%
This might impact my											
business but I don't	23	18	5	7	1	1	3	38	26	8	1
know exactly how	31.9%	30.5%	41.7%	36.8%	14.3%	20.0%	23.1%	33.9%	28.6%	34.8%	20.0%
This technology will impact my business											
but we are not	6	13	2	3	1	0	1	15	16	3	1
currently adopting	8.3% b	22.0% a	16.7%	15.8%	14.3%	0.0%	7.7%	13.4%	17.6%	13.0%	20.0%
We are currently											
working to adopt this	7	7	0	4	4	2	7	13	13	6	2
technology	9.7% EfG	11.9% EG	0.0% EfG	21.1%	57.1% ABC	40.0% ac	53.8% ABC	11.6%	14.3%	26.1%	40.0%
We have already											
adopted this	1	1	0	0	0	0	0	1	1	1	0
technology	1.4%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	1.1%	4.3%	0.0%

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

N=245	Where are you personally located?											
Number			South		South							
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain						
	US	US	US	US	US	US						
	Α	В	С	D	Е	F						
Total	60	49	46	35	34	13						
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%						
Robotic Process Automation	(RPA)											
This will not affect	19	18	17	15	12	5						
my business	32.8%	38.3%	37.0%	44.1%	36.4%	38.5%						
my basiness	32.070	30.370	37.070	77.170	30.470	30.370						
This might impact my												
business but I don't	21	14	15	8	10	5						
know exactly how	36.2%	29.8%	32.6%	23.5%	30.3%	38.5%						
This technology will												
impact my business												
but we are not	13	2	5	7	7	1						
currently adopting	22.4%	4.3%	10.9%	20.6%	21.2%	7.7%						
	В	Ade		b	b							
We are currently												
working to adopt this	4	12	9	3	4	2						
technology	6.9%	25.5%	19.6%	8.8%	12.1%	15.4%						
	В	А										
We have already												
adopted this	1	1	0	1	0	0						
technology	1.7%	2.1%	0.0%	2.9%	0.0%	0.0%						
· -01	.,.			- , -								

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%	9 3.8%	8 3.4%	44 18.7%			50 21.3%	15 6.4%	6 2.6%	25 10.6%
Artificial Intelligence													
This will not affect my business	41 17.4%	5 18.5%	5 20.0%	1 9.1%		1 12.5%	5 11.4% d	0.0%		12 24.5%	2 14.3%	1 16.7%	5 20.8%
This might impact my business but I don't know exactly how	82 34.7%	12 44.4% d	8 32.0%	6 54.5% d		2 25.0%	14 31.8%			17 34.7% d	6 42.9% d	2 33.3%	9 37.5% d
This technology will impact my business but we are not	66	7	9	2	4	3	14	1	0	14	2	1	8
currently adopting	28.0%	25.9%	36.0% h	18.2%	44.4% h	37.5% h	31.8% h	50.0%		28.6% h	14.3%	16.7%	33.3% h
We are currently working to adopt this technology	40 16.9%	3 11.1%	3 12.0%	2 18.2%	1 11.1%	2 25.0%	11 25.0% I			6 12.2%	3 21.4%	2 33.3% I	1 4.2% fghk
We have already adopted this technology1=I have never heard of	7 3.0%	0 0.0% H	0 0.0% H	0 0.0% h	0 0.0% h	0 0.0%	0 0.0% H	0.0%	_	0 0.0% H	1 7.1%	0 0.0%	1 4.2% h

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245			S	ales Revenue	!					Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	A	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
Artificial Intelligence												
This will not affect	18	9	6	1	5	2	0	2	2	32	0	1
my business	20.7%	15.0%	13.0%	12.5%	35.7%	28.6%	0.0%	11.8%	25.0%	19.4%	0.0%	6.3%
This might impact my												
business but I don't	34	24	14	3	3	2	0	2	1	64	3	5
know exactly how	39.1%	40.0%	30.4%	37.5%	21.4%	28.6%	0.0%	11.8%	12.5%	38.8%	60.0%	31.3%
	g	g					ab	cd		a	a	
This technology will												
impact my business												
but we are not	21	17			5	0	1	4	3	40	1	
currently adopting	24.1%	28.3%	39.1% f	37.5%	35.7%	0.0% c	11.1%	23.5%	37.5%	24.2% e	20.0%	50.0% c
We are surrently												
We are currently working to adopt this	11	9	7	1	1	2	7	9	1	24	1	2
technology	12.6%	15.0%			1 7.1%	28.6%	77.8%	52.9%	12.5%	14.5%	1 20.0%	
technology	12.0% G	15.0% G			7.1% G	20.070	ABCdE	52.5% Ce	12.5/6	14.5% A	20.076	12.5% a
	d	G	G	В	G		ABCUL	Ce		A		а
We have already adopted this												
technology1=I have	3	1	1	0	0	1	1	0	1	5	0	0
never heard of	3.4%	1.7%			0.0%	14.3%	11.1%	0.0%	12.5%	3.0%	0.0%	
	2,	,,,	=:=/5	2.3/0	2.370		/	2.070	576	2.370	2.070	2.270

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

N=245	Number of Employees									Foreign Sales			
Number							More						
Col %	Fewer	100-	500-	1000-	2500-	5000-	than				More		
	than 100	499	999	2499	4999	9999	10,000	0%	1-24%	25-50%	than 50%		
	A	В	С	D	Е	F	G	Α	В	С	D		
Total	74	60	13	19	7	5	14	115	93	23	5		
	38.5%	31.3%	6.8%	9.9%	3.6%	2.6%	7.3%	48.7%	39.4%	9.7%	2.1%		
Artificial Intelligence													
This will not affect	12	13	3	3	0	2	1	23	12	5	1		
my business	16.4%	22.0%	25.0%	15.8%	0.0%	40.0%	7.1%	20.2%	13.0%	21.7%			
This might impact my													
business but I don't	31	17	5	8	1	2	1	40	36	5	0		
know exactly how	42.5%	28.8%	41.7%	42.1%	14.3%	40.0%	7.1%	35.1%	39.1%	21.7%			
Know Cauchy now	42.570 g	20.070	41.770 g	42.170 g	14.570	40.070	acd	33.170	33.170	21.770	0.070		
	ь		ь	ь			aca						
This technology will													
impact my business													
but we are not	17	16	4	6	2	0	3	30	29	6	1		
currently adopting	23.3%	27.1%	33.3%	31.6%	28.6%	0.0%	21.4%	26.3%	31.5%	26.1%	20.0%		
We are currently													
working to adopt this	11	12	0	2	4	1	7	19	13	4	3		
technology	15.1%	20.3%	0.0%	10.5%	57.1%	20.0%	50.0%	16.7%	14.1%	17.4%	60.0%		
	EG	eg	EG	eg	AbCd		AbCd	d	D		аВ		
We have already													
adopted this													
technology1=I have	2	1	0	0	0	0	2	2	2	3	0		
never heard of	2.7%	1.7%	0.0%	0.0%	0.0%	0.0%	14.3%	1.8%	2.2%	13.0%	0.0%		
		g					b	С	С	Ab			

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

Number Col % Midwest US	N=245	Where are you personally located?										
US	Number			South		South						
Total 60 49 46 35 34 13 25.3% 20.7% 19.4% 14.8% 14.3% 5.5% 20.7% 19.4% 14.8% 14.3% 5.5% 20.7% 19.4% 14.8% 14.3% 5.5% 20.7% 20.7% 19.4% 14.8% 14.3% 5.5% 20.7	Col %			US		US	US					
Artificial Intelligence This will not affect 11 6 9 10 4 1 my business 18.6% 12.8% 19.6% 28.6% 11.8% 7.7% This might impact my business but I don't 18 16 18 10 13 6 know exactly how 30.5% 34.0% 39.1% 28.6% 38.2% 46.2% This technology will impact my business but we are not 23 9 12 9 10 3 currently adopting 39.0% 19.1% 26.1% 25.7% 29.4% 23.1% We are currently working to adopt this 4 15 7 3 7 3 7 3 technology 68.8% 31.9% 15.2% 8.6% 20.6% 23.1% We have already adopted this		A	В	С	D	Е	F					
Artificial Intelligence This will not affect 11 6 9 10 4 1 my business 18.6% 12.8% 19.6% 28.6% 11.8% 7.7% This might impact my business but I don't 18 16 18 10 13 6 know exactly how 30.5% 34.0% 39.1% 28.6% 38.2% 46.2% This technology will impact my business but we are not 23 9 12 9 10 3 currently adopting 39.0% 19.1% 26.1% 25.7% 29.4% 23.1% b a We are currently working to adopt this 4 15 7 3 7 3 7 3 technology 6.8% 31.9% 15.2% 8.6% 20.6% 23.1% We have already adopted this	Total		_	_		_	_					
This will not affect 11 6 9 10 4 1 my business 18.6% 12.8% 19.6% 28.6% 11.8% 7.7% This might impact my business but I don't 18 16 18 10 13 6 know exactly how 30.5% 34.0% 39.1% 28.6% 38.2% 46.2% This technology will impact my business but we are not 23 9 12 9 10 3 currently adopting 39.0% 19.1% 26.1% 25.7% 29.4% 23.1% We are currently working to adopt this technology 6.8% 31.9% 15.2% 8.6% 20.6% 23.1% We have already adopted this		25.570	20.770	13.470	14.070	14.570	3.370					
my business 18.6% 12.8% 19.6% 28.6% 11.8% 7.7% This might impact my business but I don't show exactly how 18 16 18 10 13 6 know exactly how 30.5% 34.0% 39.1% 28.6% 38.2% 46.2% This technology will impact my business but we are not currently adopting 23 9 12 9 10 3 currently 25.7% 29.4% 23.1% We are currently working to adopt this technology 4 15 7 3 7 3 technology 3 dechnology 6.8% 31.9% 15.2% 8.6% 20.6% 23.1% We have already adopted this	Artificial Intelligence											
my business 18.6% 12.8% 19.6% 28.6% 11.8% 7.7% This might impact my business but I don't show exactly how 18 16 18 10 13 6 know exactly how 30.5% 34.0% 39.1% 28.6% 38.2% 46.2% This technology will impact my business but we are not currently adopting 23 9 12 9 10 3 currently 25.7% 29.4% 23.1% We are currently working to adopt this technology 4 15 7 3 7 3 technology 3 dechnology 6.8% 31.9% 15.2% 8.6% 20.6% 23.1% We have already adopted this												
This might impact my business but I don't 18 16 18 10 13 6 know exactly how 30.5% 34.0% 39.1% 28.6% 38.2% 46.2% This technology will impact my business but we are not 23 9 12 9 10 3 currently adopting 39.0% 19.1% 26.1% 25.7% 29.4% 23.1% b a We are currently working to adopt this 4 15 7 3 7 3 7 3 technology 6.8% 31.9% 15.2% 8.6% 20.6% 23.1% We have already adopted this			_	_	_	•	_					
business but I don't know exactly how 30.5% 34.0% 39.1% 28.6% 38.2% 46.2% This technology will impact my business but we are not 23 9 12 9 10 3 currently adopting 39.0% 19.1% 26.1% 25.7% 29.4% 23.1% We are currently working to adopt this technology 6.8% 31.9% 15.2% 8.6% 20.6% 23.1% We have already adopted this	my business	18.6%	12.8%	19.6%	28.6%	11.8%	7.7%					
business but I don't know exactly how 30.5% 34.0% 39.1% 28.6% 38.2% 46.2% This technology will impact my business but we are not 23 9 12 9 10 3 currently adopting 39.0% 19.1% 26.1% 25.7% 29.4% 23.1% We are currently working to adopt this technology 6.8% 31.9% 15.2% 8.6% 20.6% 23.1% We have already adopted this	This might impact my											
know exactly how 30.5% 34.0% 39.1% 28.6% 38.2% 46.2% This technology will impact my business but we are not 23 9 12 9 10 3 currently adopting 39.0% 19.1% 26.1% 25.7% 29.4% 23.1% b a We are currently working to adopt this 4 15 7 3 7 3 7 3 technology 6.8% 31.9% 15.2% 8.6% 20.6% 23.1% B Ad b		18	16	18	10	13	6					
This technology will impact my business but we are not 23 9 12 9 10 3 currently adopting 39.0% 19.1% 26.1% 25.7% 29.4% 23.1% b a We are currently working to adopt this 4 15 7 3 7 3 7 3 technology 6.8% 31.9% 15.2% 8.6% 20.6% 23.1% B Ad b		_	_	_	_	_	_					
impact my business but we are not 23 9 12 9 10 3 currently adopting 39.0% 19.1% 26.1% 25.7% 29.4% 23.1% b a We are currently working to adopt this 4 15 7 3 7 3 7 3 technology 6.8% 31.9% 15.2% 8.6% 20.6% 23.1% B Ad b We have already adopted this				****			1212/1					
but we are not 23 9 12 9 10 3 currently adopting 39.0% 19.1% 26.1% 25.7% 29.4% 23.1% We are currently working to adopt this technology 4 15 7 3 7 3 Echnology 6.8% 31.9% 15.2% 8.6% 20.6% 23.1% We have already adopted this												
currently adopting 39.0% 19.1% 26.1% 25.7% 29.4% 23.1% We are currently working to adopt this technology 4 15 7 3 7 3 B Ad 15.2% 8.6% 20.6% 23.1% We have already adopted this			_		_							
b a We are currently working to adopt this technology 4 15 7 3 7 3 technology 31.9% 15.2% 8.6% 20.6% 23.1% We have already adopted this 31.9% 15.2% 8.6% 20.6% 23.1%			_		_		-					
We are currently working to adopt this 4 15 7 3 7 3 7 3 technology 6.8% 31.9% 15.2% 8.6% 20.6% 23.1% B Ad b	currently adopting			26.1%	25.7%	29.4%	23.1%					
working to adopt this 4 15 7 3 7 3 technology 6.8% 31.9% 15.2% 8.6% 20.6% 23.1% B Ad b		D	а									
working to adopt this 4 15 7 3 7 3 technology 6.8% 31.9% 15.2% 8.6% 20.6% 23.1% B Ad b	We are currently											
technology 6.8% 31.9% 15.2% 8.6% 20.6% 23.1% B Ad b		4	15	7	3	7	3					
B Ad b We have already adopted this		6.8%	31.9%	15.2%	8.6%	20.6%	23.1%					
adopted this	o,	В	Ad		b							
adopted this	Ma have alwards											
·	-											
	•	2	1	0	2	0	0					
never heard of 5.1% 2.1% 0.0% 8.6% 0.0% 0.0%		_	_	_	_	_	_					
d c	never neura or	5.170	2.1/0			0.070	0.070					

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245	Total						Indu	ıstry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Artificial Intelligence (Cont.)													
I know the name but I cannot say	0 0.0%	0 0.0%	0.0%			0 0.0%	0.0%				0 0.0%	0 0.0%	0 0.0%
I understand basically what it is but not the details	0 0.0%	0 0.0%	0 0.0%		_	0 0.0%	0 0.0%	_		_	0 0.0%	0 0.0%	0 0.0%
I understand this technology well	0 0.0%	0 0.0%	0 0.0%			0 0.0%	0.0%				0 0.0%	0 0.0%	0 0.0%
I have a professional understanding of this technology	0 0.0%	0 0.0%	0 0.0%	_	_	0 0.0%	0 0.0%	_	_	_	0 0.0%	0 0.0%	0 0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245			S	ales Revenue	!					Ownership		
Number Col %	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Artificial Intelligence (Con	<u>t.)</u>											
I know the name but I	0	0	0	0	0	0	0	0	0	0	0	0
cannot say	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
I understand												
basically what it is	0	0	0	0	0	0	0	0	0	0	0	0
but not the details	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
I understand this	0	0	0	0	0	0	0	0	0	0	0	0
technology well	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
I have a professional												
understanding of this	0	0	0	0	0	0	0	0	0	0	0	0
technology	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Artificial Intelligence (Cor	<u>nt.)</u>										
I know the name but I cannot say	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
I understand basically what it is but not the details	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
I understand this technology well	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
I have a professional understanding of this technology	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
-	Α	В	С	D	Е	F
Artificial Intelligence (Cont.)	1					
I know the name but I	0	0	0	0	0	0
cannot say	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
I understand						
basically what it is	0	0	0	0	0	0
but not the details	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
I understand this	0	0	0	0	0	0
technology well	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
I have a professional						
understanding of this	0	0	0	0	0	0
technology	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245	Total						Indu	ıstry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%		9 3.8%	8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
Advanced Analytics													
This will not affect my business	26 11.3%	4 14.8%	1 4.2%	2 18.2%		0 0.0%	4 9.3%				2 14.3%	0 0.0%	3 13.6%
This might impact my business but I don't know exactly how	70 30.4%	11 40.7%	9 37.5%			1 12.5%	9 20.9%				4 28.6%	2 33.3%	7 31.8%
This technology will impact my business													
but we are not currently adopting	56 24.3%	7 25.9%	6 25.0%			4 50.0% h	12 27.9% h	0.0%		22.9%	4 28.6% h	1 16.7%	5 22.7%
We are currently working to adopt this technology	57 24.8%	1 3.7%	6 25.0%			3 37.5%	14 32.6%				3 21.4%	2 33.3%	5 22.7%
		bdeFGHikl	a	g	а	а	А	Ac	А	а		а	a
We have already adopted this technology	21 9.1%	4 14.8% i	2 8.3% h	9.1%		0 0.0%	4 9.3% h	0.0%			1 7.1%	1 16.7%	2 9.1% h

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
Advanced Analytics												
This will not affect	14	7	2	0	2	1	0	0	2	22	0	1
my business	16.9%	11.7%	4.4%	0.0%	14.3%	14.3%	0.0%	0.0%	25.0%	13.5%	0.0%	6.7%
	С		a					b	а			
This might impact my												
business but I don't	27	21	16	1	2	2	0	3	1	53	3	5
know exactly how	32.5%	35.0%	35.6%	12.5%	14.3%	28.6%	0.0%	18.8%	12.5%	32.5%	60.0%	33.3%
		g	g				bc					
This technology will												
impact my business												
but we are not	23	9		_	5	0	0	2	2	39	0	
currently adopting	27.7%	15.0%	31.1%	37.5%	35.7%	0.0%	0.0%	12.5%	25.0%	23.9%	0.0%	26.7%
We are currently												
working to adopt this	13	17	9		4	3	5	8	1	35	2	
technology	15.7%	28.3%	20.0%	50.0%	28.6%	42.9%	62.5%	50.0%	12.5%	21.5%	40.0%	26.7%
	dG		g	а			Ac	С		а		
We have already												
adopted this	6	6			1	1	3	3	2	14	0	
technology	7.2%				7.1%	14.3%	37.5%	18.8%	25.0%	8.6%	0.0%	6.7%
	G	g	g				Abc					

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Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245			Numb	er of Employ	rees				Foreign	Sales	
Number							More				
Col %	Fewer than 100	100- 499	500- 999	1000- 2499	2500- 4999	5000- 9999	than 10,000	0%	1-24%	25-50%	More than 50%
	A A	499 B	C C	2499 D	4999 E	9999 F	10,000 G	0% A	1-24% B	25-30% C	D D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	
Advanced Analytics											
This will not affect	10	7	2	1	0	0	1	14	9	3	0
my business	13.9%	11.9%	18.2%	5.3%	0.0%	0.0%	7.7%	12.6%	10.1%	13.0%	0.0%
This might impact my											
business but I don't	28	18	3	7	1	1	1	40	27	3	
know exactly how	38.9% g	30.5%	27.3%	36.8%	14.3%	20.0%	7.7% a	36.0% c	30.3%	13.0% a	
This technology will											
impact my business											
but we are not	16	13	2	4	3	1	2	25	21	7	2
currently adopting	22.2%	22.0%	18.2%	21.1%	42.9%	20.0%	15.4%	22.5%	23.6%	30.4%	40.0%
We are currently											
working to adopt this	13	16	4	4	3	2	6	25	24	5	
technology	18.1% g	27.1%	36.4%	21.1%	42.9%	40.0%	46.2% a	22.5%	27.0%	21.7%	40.0%
We have already											
adopted this	5	5	0	3	0	1	3	7	8	5	1
technology	6.9%	8.5%	0.0%	15.8%	0.0%	20.0%	23.1%	6.3%	9.0%	21.7%	
								С		а	

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Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Advanced Analytics						
This will not affect	5	4	5	8	3	1
my business	8.8%	8.7%	10.9%	24.2%	9.1%	7.7%
,	d			a		
This might impact my						
business but I don't	19	12	14	10	10	5
know exactly how	33.3%	26.1%	30.4%	30.3%	30.3%	38.5%
This technology will						
impact my business						
but we are not	18	14	13	5	4	1
currently adopting	31.6%	30.4%	28.3%	15.2%	12.1%	7.7%
, , ,	е				a	
We are currently						
working to adopt this	11	12	11	5	12	5
technology	19.3%	26.1%	23.9%	15.2%	36.4%	38.5%
We have already						
adopted this	4	4	3	5	4	1
technology	7.0%	8.7%	6.5%	15.2%	12.1%	7.7%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245	Total						Indu	stry					
Number			Bank/Fin					-					
Col %		Retail/ Whole- sale A	Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Communications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
-													
Total	235	27	25	11	9	8	44	2		50	15	6	25
	100.0%	11.5%	10.6%	4.7%	3.8%	3.4%	18.7%	0.9%	5.5%	21.3%	6.4%	2.6%	10.6%
Shared Services Center (SSC)													
This will not affect	74	11	7	3	4	2	14	0	2	17	5	3	5
my business	31.6%	40.7%	28.0%	27.3%	44.4%	25.0%	32.6%	0.0%	15.4%	34.7%	35.7%	50.0%	20.8%
This might impact my													
business but I don't	67	6	10	4	2	2	12	0	6	14	2	2	6
know exactly how	28.6%	22.2%	40.0%	36.4%	22.2%	25.0%	27.9%	_		28.6%	14.3%	33.3%	25.0%
This technology will impact my business													
but we are not	38	4	6	1	1	3	8	0	1	6	2	0	6
currently adopting	16.2%	14.8%	24.0%	9.1%	11.1%	37.5%	18.6%	0.0%	7.7%	12.2%	14.3%	0.0%	25.0%
We are currently													
working to adopt this	31	5	1	1	1	1	4	1	3	6	2	1	4
technology	13.2%	18.5%	4.0%	9.1%	11.1%	12.5%	9.3%	100.0%	23.1%	12.2%	14.3%	16.7%	16.7%
			G	g			G	BcFi		g			
We have already													
adopted this	24	1	1	2	1	0	5	0	1	6	3	0	3
technology	10.3%	3.7%	4.0%	18.2%	11.1%	0.0%	11.6%	0.0%	7.7%	12.2%	21.4%	0.0%	12.5%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	Е	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
Shared Services Center (SSC)	1											
This will not affect	35	19	13	1	4	1	0	3	2	55	3	3
my business	41.2%	31.7%	28.3%	12.5%	28.6%	14.3%	0.0%	17.6%	25.0%	33.5%	60.0%	18.8%
	g						a					
This might impact my												
business but I don't	26	23	12	2	0	1	1	1	1	52	2	5
know exactly how	30.6%	38.3%		25.0%	0.0%	14.3%	11.1%	5.9%	12.5%	31.7%	40.0%	31.3%
	е	E	е		аВс			С		а		
This technology will												
impact my business												
but we are not	15	9	9		3	0	0	0	4	24	0	
currently adopting	17.6%	15.0%	19.6%	12.5%	21.4%	0.0%	0.0%	0.0%	50.0%	14.6%	0.0%	
								BE	AC	Ве		Ac
We are currently												
working to adopt this	5	7	7		1	2	4	6	0	20	0	
technology	5.9%	11.7%			7.1%	28.6%	44.4%	35.3%	0.0%	12.2%	0.0%	6.3%
	DfG	Dg	d	ABce	dg	а	Abe	ce		а		а
We have already												
adopted this	4	2		_	6	3	4	7	1	13	0	
technology	4.7%	3.3%			42.9%	42.9%	44.4%	41.2%	12.5%	7.9%	0.0%	6.3%
	EFG	EFG	Efg	eg	ABCd	ABc	ABcd	Ce		Α		a

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Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number							More				
Col %	Fewer	100-	500-	1000-	2500-	5000-	than				More
	than 100	499	999	2499	4999	9999	10,000	0%	1-24%	25-50%	than 50%
	A	В	С	D	E	F	G	Α	В	С	D
Total	74	60	13	19	7	5	14	115	93	23	5
	38.5%	31.3%	6.8%	9.9%	3.6%	2.6%	7.3%	48.7%	39.4%	9.7%	2.1%
Shared Services Center (SS	SC)										
This will not affect	33	17	3	8	0	0	1	38	30	4	2
my business	45.8%	28.8%	25.0%	42.1%	0.0%	0.0%	7.1%	33.9%	32.6%	17.4%	40.0%
	befG	а		g	a	а	Ad				
This might impact my											
business but I don't	23	23	3	2	0	0	2	40	22	4	0
know exactly how	31.9%	39.0%	25.0%	10.5%	0.0%	0.0%	14.3%	35.7%	23.9%	17.4%	0.0%
		de		b	b						
This technology will											
impact my business											
but we are not	10	7	2	5	0	1	2	20	15	3	
currently adopting	13.9%	11.9%	16.7%	26.3%	0.0%	20.0%	14.3%	17.9%	16.3%	13.0%	0.0%
We are currently											
working to adopt this	2	9	3	2	3	3	3	9	15	5	
technology	2.8%	15.3%	25.0%	10.5%	42.9%	60.0%	21.4%	8.0%	16.3%	21.7%	20.0%
	bCEFG	af	Α	f	Α	Abd	Α				
We have already											
adopted this	4	3	1	2	4	1	6	5	10	7	
technology	5.6%	5.1%	8.3%	10.5%	57.1%	20.0%	42.9%	4.5%	10.9%	30.4%	
	EG	EG	е	eg	ABcd		ABd	CD	С	Ab	Α

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
_	Α	В	С	D	E	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Shared Services Center (SSC)						
This will not affect	14	12	16	15	9	8
my business	24.1%	25.5%	34.8%	42.9%	27.3%	61.5%
,	f	f			f	abe
This might impact my						
business but I don't	19	12	12	10	12	1
know exactly how	32.8%	25.5%	26.1%	28.6%	36.4%	7.7%
This technology will						
impact my business						
but we are not	13	8	9	3	4	1
currently adopting	22.4%	17.0%	19.6%	8.6%	12.1%	7.7%
, , ,						
We are currently						
working to adopt this	9	8	4	4	3	2
technology	15.5%	17.0%	8.7%	11.4%	9.1%	15.4%
We have already	2	7	-	2	-	4
adopted this	3	7	5	3	5 15 20/	1
technology	5.2%	14.9%	10.9%	8.6%	15.2%	7.7%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245	Total						Indu	stry					
Number			Bank/Fin										
Col %		Retail/ Whole- sale A	Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Communications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%	9 3.8%	8 3.4%	44 18.7%	2 0.9%			15 6.4%	6 2.6%	25 10.6%
Center of Expertise (COE)													
This will not affect my business	71 30.5%	12 44.4%	8 32.0%	4 36.4%	4 44.4%	1 12.5%	13 30.2%	0 0.0%			4 28.6%	3 50.0%	7 29.2%
This might impact my													
business but I don't know exactly how	76 32.6%	9 33.3% e	11 44.0%	4 36.4%	1 11.1% e	6 75.0% adfijl	13 30.2% e	0 0.0%			3 21.4% e	2 33.3%	6 25.0% e
This technology will impact my business													
but we are not currently adopting	37 15.9%	3 11.1%	4 16.0%	1 9.1%	1 11.1%	0 0.0%	6 14.0%	0 0.0%			2 14.3%	0 0.0%	6 25.0%
We are currently													
working to adopt this technology	36 15.5%	2 7.4% G	1 4.0% G	2 18.2%	2 22.2%	1 12.5%	7 16.3% g		23.1%		3 21.4%	1 16.7%	5 20.8%
We have already adopted this technology1=I have	13	1	1	0	1	0	4	0	0	4	2	0	0
never heard of	5.6%	3.7%	4.0%	0.0%	11.1%	0.0%	9.3%	0.0%	_	8.2%	14.3%	0.0%	0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	<u>E</u>
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%		6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	
Center of Expertise (COE)												
This will not affect	35	16	15	2	2	1	0	2	1	56	3	3
my business	41.7%	26.7%	32.6%	25.0%	14.3%	14.3%	0.0%	11.8%	12.5%	34.4%	60.0%	18.8%
	g		g				ac	d			a	
This might impact my												
business but I don't	29	25	11	1	4	2	2	3	2	53	2	6
know exactly how	34.5%	41.7%	23.9%	12.5%	28.6%	28.6%	22.2%	17.6%	25.0%	32.5%	40.0%	37.5%
This technology will												
impact my business												
but we are not	13	10	9		2	2	0	1	5	23	0	4
currently adopting	15.5%	16.7%	19.6%	0.0%	14.3%	28.6%	0.0%	5.9%			0.0%	25.0%
								В	ACd	В	b	
We are currently												
working to adopt this	6	9	9		2	1	3	5	0	26	0	
technology			19.6%		14.3%	14.3%	33.3%	29.4%	0.0%	16.0%	0.0%	12.5%
	cDg	d	а	Ab			а					
We have already												
•	1	0	2	1	4	1	4	6	0	5	0	1
never heard of	1.2%				28.6%	_	44.4%	35.3%	_	_		
	dEfG	DEFG	eG		ABc	аВ	ABC	Ce		Α		а
This might impact my business but I don't know exactly how This technology will impact my business but we are not currently adopting We are currently working to adopt this technology We have already adopted this technology1=I have	29 34.5% 13 15.5% 6 7.1% cDg	25 41.7% 10 16.7% 9 15.0% d	g 11 23.9% 9 19.6% a 2 4.3%	1 12.5% 0 0.0% 4 50.0% Ab	4 28.6% 2 14.3% 2 14.3%	2 28.6% 2 28.6% 1 14.3%	ac 2 22.2% 0 0.0% 3 33.3% a 4 44.4%	d 3 17.6% 1 5.9% B 5 29.4%	2 25.0% 5 62.5% ACd 0 0.0%	53 32.5% 23 14.1% B 26 16.0%	2 40.0% 0 0.0% b	6637.5% 425.0% 212.5% 16.3%

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Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Center of Expertise (COE)											
This will not affect my business	31 43.7% eg	19 32.2%	2 16.7%	5 26.3%	0 0.0% a	1 20.0%	1 7.1% a	39 35.1%	26 28.3%	5 21.7%	1 20.0%
This might impact my business but I don't know exactly how	26 36.6%	21 35.6%	4 33.3%	4 21.1%	0 0.0%	1 20.0%	3 21.4%	44 39.6%	26 28.3%	5 21.7%	0 0.0%
This technology will impact my business but we are not currently adopting	9 12.7%	7 11.9%	1 8.3%	5 26.3%	2 28.6%	0 0.0%	3 21.4%	11 9.9% B	22 23.9% A	3 13.0%	1 20.0%
We are currently working to adopt this technology	4 5.6% bCDF	11 18.6% af	5 41.7% A	5 26.3% A	1 14.3%	3 60.0% Ab	2 14.3%	15 13.5%	14 15.2%	5 21.7%	1 20.0%
We have already adopted this technology1=I have never heard of	1 1.4% EG	1 1.7% EG	0 0.0% Eg	0 0.0% EG	4 57.1% ABCD	0 0.0%	5 35.7% ABcD	2 1.8% CD	4 4.3% CD	5 21.7% AB	2 40.0% AB

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	13
. 000	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Center of Expertise (COE)						
This will not affect	14	13	14	14	10	6
my business	24.1%	27.7%	31.1%	40.0%	30.3%	46.2%
This might impact my						
business but I don't	18	13	17	9	15	3
know exactly how	31.0%	27.7%	37.8%	25.7%	45.5%	23.1%
This technology will						
impact my business						
but we are not	11	6	5	9	4	2
currently adopting	19.0%	12.8%	11.1%	25.7%	12.1%	15.4%
We are currently						
working to adopt this	13	9	8	2	2	1
technology	22.4%	19.1%	17.8%	5.7%	6.1%	7.7%
	de			a	а	
We have already adopted this						
technology1=I have	2	6	1	1	2	1
never heard of	3.4%	12.8%	2.2%	2.9%	6.1%	7.7%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245	Total						Indu	ıstry					
Number Col %		Retail/	Bank/Fin Insur	Mining	Trans-		Service	Commun-	Tech Soft-		Health-		
COI 70		Whole- sale	Real Estate	Construc- tion	portation Pub. Util	Energy	Consult- ing	ications Media	Hardware Bio	Manufac- turing	care Pharm	Agr, Pub Admin	Other Industry
		A	В	С	D	E	F	G	Н		J	K	<u> L </u>
Center of Expertise (COE)	(Cont.)												
I know the name but I	0	0	0	0	0	0	0	0	0	0	0	0	0
cannot say	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
I understand													
basically what it is	0	0	0	0	0	0	0	0	0	0	0	0	0
but not the details	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
I understand this	0	0	0	0	0	0	0	0	0	0	0	0	0
technology well	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
I have a professional													
understanding of this	0	0	0	0	0	0	0	0	0	0	0	0	0
technology	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245			S	ales Revenue	!					Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	A	В	С	D	E
Center of Expertise (COE)	(Cont.)											
I know the name but I	0	0	0	0	0	0	0	0	0	0	0	0
cannot say	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
I understand												
basically what it is	0	0	0	0	0	0	0	0	0	0	0	0
but not the details	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
I understand this	0	0	0	0	0	0	0	0	0	0	0	0
technology well	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
I have a professional												
understanding of this	0	0	0	0	0	0	0	0	0	0	0	0
technology	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245			Numb	er of Employ	ees				Foreign	Sales	0 0 0.0% 0.0% 0 0 0.0% 0.0%	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	than 50%	
Center of Expertise (COE)	(Cont.)											
I know the name but I cannot say	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%		0 0.0%	
I understand basically what it is but not the details	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%		0 0.0%	
I understand this technology well	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%		0 0.0%	
I have a professional understanding of this technology	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Center of Expertise (COE) (Cont.)					
I know the name but I	0	0	0	0	0	0
cannot say	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
I understand basically what it is	0	0	0	0	0	0
but not the details	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
but not the details	0.070	0.070	0.070	0.070	0.070	0.076
I understand this	0	0	0	0	0	0
technology well	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
I have a professional understanding of this	0	0	0	0	0	0
technology	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
teennology	0.076	0.076	0.076	0.070	0.070	0.076

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245	Total						Indu	ıstry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%		9 3.8%	8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
<u>Other</u>													
This will not affect my business	12 70.6%	3 75.0%	1 50.0%	0 0.0%		0 0.0%	3 100.0%				0 0.0%	1 100.0%	0 0.0%
This might impact my business but I don't know exactly how This technology will	4 23.5%	1 25.0%	1 50.0%			0 0.0%	0 0.0%				0 0.0%	0 0.0%	0 0.0%
impact my business but we are not currently adopting	1 5.9%	0 0.0%	0 0.0%			0 0.0%	0 0.0%				0 0.0%	0 0.0%	1 100.0%
We are currently working to adopt this technology	0 0.0%	0 0.0%	0 0.0%			0 0.0%	0 0.0%				0 0.0%	0 0.0%	0 0.0%
We have already adopted this technology	0 0.0%	0 0.0%	0 0.0%			0 0.0%	0 0.0%				0 0.0%	0 0.0%	0 0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245			S	ales Revenue						Ownership		
Number Col %	Less than \$25 million	\$25-99 million	\$100-499 million	\$500-999 million	\$1-4.9 billion	\$5-9.9 billion	More than \$10 billion	Public, NYSE	Public, Nasdaq/ AMEX	Private	Govern- ment	Nonprofit
	A	В	С	D	E	F	G	A	В	С	D	E
Total	88 37.6%	62 26.5%	46 19.7%	_	14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	18 8.4%
<u>Other</u>												
This will not affect my business	7 70.0%	0 0.0%			0 0.0%	1 100.0%	1 100.0%	3 100.0%	0 0.0%	7 63.6%	0 0.0%	0 0.0%
This might impact my business but I don't know exactly how	2 20.0%	1 100.0%	1 25.0%		0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	3 27.3%	0 0.0%	0 0.0%
This technology will impact my business but we are not	1	0	0		0	0	0	0	0	1	0	0
currently adopting	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	9.1%	0.0%	0.0%
We are currently working to adopt this technology	0 0.0%	0 0.0%			0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
We have already adopted this technology	0 0.0%	0 0.0%	0 0.0%		0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245	<u> </u>		Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
<u>Other</u>											
This will not affect my business	7 77.8%	0 0.0%	0 0.0%	1 100.0%	0 0.0%	1 100.0%	1 100.0%	6 54.5%	5 100.0%	1 100.0%	
This might impact my business but I don't know exactly how	2 22.2%	1 100.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	4 36.4%	0 0.0%	0 0.0%	0 0.0%
This technology will impact my business but we are not currently adopting	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 9.1%	0 0.0%	0 0.0%	
We are currently working to adopt this technology	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	
We have already adopted this technology	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%

Q7b. Which of the following innovations will affect your company and its operations in the next 5 years?

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	13
Total	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
<u>Other</u>						
This will not affect	3	2	1	3	1	2
my business	100.0%	50.0%	100.0%	100.0%	25.0%	100.0%
This might impact my						
business but I don't	0	2	0	0	2	0
know exactly how	0.0%	50.0%	0.0%	0.0%	50.0%	0.0%
This technology will impact my business						
but we are not	0	0	0	0	1	0
currently adopting	0.0%	0.0%	0.0%	0.0%	25.0%	0.0%
We are currently						
working to adopt this	0	0	0	0	0	0
technology	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
We have already						
adopted this	0	0	0	0	0	0
technology	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Q7c. Do you anticipate that your company will reduce the number of employees in the finance function because of innovations in financial technology (such as the items listed in b above)? (choose best answer)

N=245	Total						Indu	ıstry					
Number Col %		Retail/ Whole- sale	Bank/Fin Insur Real Estate	Mining Construc- tion	Trans- portation Pub. Util	Energy	Service Consult- ing	Commun- ications Media	Tech Soft- Hardware Bio	Manufac- turing	Health- care Pharm	Agr, Pub Admin	Other Industry
		A	В	С	D	E	F	G	Н	l	J	K	L
Total	235 100.0%	27 11.5%	25 10.6%			8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
We do not expect to reduce finance function employment													
because of fintech innovations	168 70.6%	19 70.4%	18 72.0%			6 75.0%	32 72.7%				8 53.3%	4 66.7%	16 66.7%
We already have													
reduced finance function employment	38 16.0%	3 11.1%	3 12.0%			1 12.5%	5 11.4%				4 26.7%	2 33.3%	4 16.7%
We expect to reduce finance function													
employment within 1- 2 years	19 8.0%	5 18.5%	2 8.0%			0 0.0%	5 11.4%			3 6.1%	0 0.0%	0 0.0%	1 4.2%
We expect to reduce finance function													
employment within 3- 5 years	8 3.4%	0 0.0% j	1 4.0%			1 12.5% f	0.0% eJ	0.0%			3 20.0% aFi	0 0.0%	2 8.3%

Q7c. Do you anticipate that your company will reduce the number of employees in the finance function because of innovations in financial technology (such as the items listed in b above)? (choose best answer)

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25 million	\$25-99 million	\$100-499 million	\$500-999 million	\$1-4.9 billion	\$5-9.9 billion	than \$10 billion	Public, NYSE	Nasdaq/ AMEX	Private	Govern- ment	Nonprofit
	A	В	С	D	E	F	G	A	В	С	D	E
Total	88 37.6%	62 26.5%			14 6.0%	7 3.0%	_	17 7.9%	8 3.7%	166 77.6%	5 2.3%	
We do not expect to reduce finance function employment												
because of fintech	66	53	31	5	5	4	3	9	3	124	4	10
innovations	75.0%	85.5%	70.5%	62.5%	35.7%	57.1%	33.3%	52.9%	37.5%	74.7%	80.0%	58.8%
	Eg	EG	eg		ABc		аВс		С	b		
We already have												
reduced finance	10	4	7	1	7	2	3	4	3	24	1	3
function employment	11.4%	6.5%	15.9%	12.5%	50.0%	28.6%	33.3%	23.5%	37.5%	14.5%	20.0%	17.6%
	Е	Eg	е		ABc		b					
We expect to reduce finance function												
employment within 1-	6	4	4	0	0	1	3	4	1	10	0	1
2 years	6.8%	6.5%	9.1%	0.0%	0.0%	14.3%	33.3%	23.5%	12.5%	6.0%	0.0%	5.9%
	g	g			g		abe	С		а		
We expect to reduce finance function												
employment within 3-	4	0	1	2	1	0	0	0	1	4	0	2
5 years	4.5%	0.0%	2.3%	25.0%	7.1%	0.0%	0.0%	0.0%	12.5%	2.4%	0.0%	11.8%
	d	De	d	aBc	b					е		С

Q7c. Do you anticipate that your company will reduce the number of employees in the finance function because of innovations in financial technology (such as the items listed in b above)? (choose best answer)

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
We do not expect to reduce finance function employment because of fintech innovations	56 76.7% G	43 71.7% G	10 76.9% g	13 68.4% g	4 57.1%	3 60.0%	4 28.6% ABcd	84 73.7% c	69 75.0% c	11 47.8% ab	2 40.0%
We already have reduced finance function employment	8 11.0% G	10 16.7% G	3 23.1%	2 10.5% g	2 28.6%	1 20.0%	7 50.0% ABd	13 11.4% C	11 12.0% C	10 43.5% AB	2 40.0%
We expect to reduce finance function employment within 1-2 years	4 5.5%	3 5.0%	0 0.0%	2 10.5%	1 14.3%	1 20.0%	2 14.3%	8 7.0%	9 9.8%	1 4.3%	1 20.0%
We expect to reduce finance function employment within 3-5 years	2 2.7%	3 5.0%	0 0.0%	1 5.3%	0 0.0%	0 0.0%	1 7.1%	5 4.4%	2 2.2%	1 4.3%	0 0.0%

Q7c. Do you anticipate that your company will reduce the number of employees in the finance function because of innovations in financial technology (such as the items listed in b above)? (choose best answer)

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
We do not expect to reduce finance function employment						
because of fintech	47	30	32	25	24	9
innovations	79.7%	61.2%	71.1%	71.4%	70.6%	69.2%
	b	a	71.170	7 2. 170	70.070	03.270
We already have						
reduced finance	8	10	5	5	5	3
function employment	13.6%	20.4%	11.1%	14.3%	14.7%	23.1%
We expect to reduce finance function						
employment within 1-	3	6	3	5	2	0
2 years	5.1%	12.2%	6.7%	14.3%	5.9%	0.0%
We expect to reduce finance function						
employment within 3-	1	3	2	0	1	1
5 years	1.7%	6.1%	4.4%	0.0%	2.9%	7.7%

Q7c. Do you anticipate that your company will reduce the number of employees in the finance function because of innovations in financial technology (such as the items listed in b above)? (choose best answer)

N=245	Total	Industry											
Number			Bank/Fin										_
Col %		Retail/	Insur	Mining	Trans-		Service	Commun-	Tech Soft-		Health-		
		Whole-	Real	Construc-	portation	_	Consult-	ications	Hardware	Manufac-	care	Agr, Pub	Other
		sale	Estate	tion	Pub. Util	Energy	ing	Media	Bio	turing	Pharm	Admin	Industry
-		Α	В	С	D	E	F	G	Н	I	J	K	L
Other	1	0	1	0	0	0	0	0	0	0	0	0	0
	0.4%	0.0%	4.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Don't know	4	0	0	0	0	0	2	0	0	1	0	0	1
	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	4.5%	0.0%	0.0%	2.0%	0.0%	0.0%	4.2%

Q7c. Do you anticipate that your company will reduce the number of employees in the finance function because of innovations in financial technology (such as the items listed in b above)? (choose best answer)

N=245			S	ales Revenue			Ownership					
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	E
Other	1	0	0	0	0	0	0	0	0	1	0	0
	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%
Don't know	1	1	1	0	1	0	0	0	0	3	0	1
	1.1%	1.6%	2.3%	0.0%	7.1%	0.0%	0.0%	0.0%	0.0%	1.8%	0.0%	5.9%

Q7c. Do you anticipate that your company will reduce the number of employees in the finance function because of innovations in financial technology (such as the items listed in b above)? (choose best answer)

N=245				Foreign	Sales						
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Other	1	0	0	0	0	0	0	1	0	0	0
	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%
Don't know	2	1	0	1	0	0	0	3	1	0	0
	2.7%	1.7%	0.0%	5.3%	0.0%	0.0%	0.0%	2.6%	1.1%	0.0%	0.0%

Q7c. Do you anticipate that your company will reduce the number of employees in the finance function because of innovations in financial technology (such as the items listed in b above)? (choose best answer)

N=245 Where are you personally located?									
Number			South		South				
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain			
	US	US	US	US	US	US			
	Α	В	С	D	E	F			
Other	0	0	1	0	0	0			
	0.0%	0.0%	2.2%	0.0%	0.0%	0.0%			
Don't know	0	0	2	0	2	0			
	0.0%	0.0%	4.4%	0.0%	5.9%	0.0%			

Q7c. Do you anticipate that your company will reduce the number of employees in the finance function because of innovations in financial technology (such as the items listed in b above)? (choose best answer) DK Excluded

N=245	Total						Indu	ıstry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%	11 4.7%	9 3.8%	8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
We do not expect to reduce finance function employment because of fintech	168	19	18	8	6	6	32	1	10	38	8	4	16
innovations	71.8%	70.4%	72.0%			75.0%	76.2%				53.3%	66.7%	69.6%
We already have reduced finance function employment	38 16.2%	3 11.1%	3 12.0%	2 18.2%		1 12.5%	5 11.9%				4 26.7%	2 33.3%	4 17.4%
We expect to reduce finance function													
employment within 1- 2 years	19 8.1%	5 18.5%	2 8.0%			0 0.0%	5 11.9%				0 0.0%	0 0.0%	1 4.3%
We expect to reduce finance function													
employment within 3- 5 years	8 3.4%	0 0.0% j	4.0%	0 0.0%	_	1 12.5% f	0 0.0% eJ	0.0%			3 20.0% aFi	0.0%	2 8.7%

Q7c. Do you anticipate that your company will reduce the number of employees in the finance function because of innovations in financial technology (such as the items listed in b above)? (choose best answer) DK Excluded

N=245			9	Sales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
We do not expect to												
reduce finance												
function employment												
because of fintech	66	53	31	5	5	4	3	9	3	124	4	10
innovations	75.9%	86.9%	72.1%	62.5%	38.5%	57.1%	33.3%	52.9%	37.5%	76.1%	80.0%	62.5%
	EG	EfG	eg		ABc	b	ABc	С	С	ab		
We already have												
reduced finance	10	4	7	1	7	2	3	4	3	24	1	
function employment	11.5%	6.6%		12.5%	53.8%	28.6%	33.3%	23.5%	37.5%	14.7%	20.0%	18.8%
	E	Eg	E		ABC		b					
We expect to reduce												
finance function												
employment within 1-	6	4	4		0	1	3	4	1	10	0	
2 years	6.9%	6.6%	9.3%	0.0%	0.0%	14.3%	33.3%	23.5%	12.5%	6.1%	0.0%	6.3%
	g	g			g		abe	С		а		
We expect to reduce finance function												
employment within 3-	4	0	1	2	1	0	0	0	1	4	0	2
5 years	4.6%	0.0%			7.7%	0.0%	0.0%	0.0%	12.5%	2.5%	0.0%	
J years	4.6% d	De	2.5% d		7.7% b	0.0%	0.0%	0.0%	12.5%	2.5% e	0.0%	12.5% C
	u	De	u	abc	D					-		C

Q7c. Do you anticipate that your company will reduce the number of employees in the finance function because of innovations in financial technology (such as the items listed in b above)? (choose best answer) DK Excluded

N=245			Numb	er of Employ	ees .				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
We do not expect to reduce finance function employment because of fintech innovations	56 78.9% G	43 72.9% G	10 76.9% g	13 72.2% g	4 57.1%	3 60.0%	4 28.6% ABcd	84 75.7% C	69 75.8% C	11 47.8% AB	2 40.0%
We already have reduced finance function employment	8 11.3% G	10 16.9% g	3 23.1%	2 11.1% g	2 28.6%	1 20.0%	7 50.0% Abd	13 11.7% C	11 12.1% C	10 43.5% AB	2 40.0%
We expect to reduce finance function employment within 1-2 years	4 5.6%	3 5.1%	0 0.0%	2 11.1%	1 14.3%	1 20.0%	2 14.3%	8 7.2%	9 9.9%	1 4.3%	1 20.0%
We expect to reduce finance function employment within 3-5 years	2 2.8%	3 5.1%	0 0.0%	1 5.6%	0 0.0%	0 0.0%	1 7.1%	5 4.5%	2 2.2%	1 4.3%	0 0.0%

Q7c. Do you anticipate that your company will reduce the number of employees in the finance function because of innovations in financial technology (such as the items listed in b above)? (choose best answer) DK Excluded

N=245	ed?					
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	A	В	С	D	E	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
We do not expect to reduce finance function employment						
because of fintech	47	30	32	25	24	9
innovations	79.7%	61.2%	74.4%	71.4%	75.0%	69.2%
	b	a				
We already have						
reduced finance	8	10	5	5	5	3
function employment	13.6%	20.4%	11.6%	14.3%	15.6%	23.1%
We expect to reduce finance function						
employment within 1-	3	6	3	5	2	0
2 years	5.1%	12.2%	7.0%	14.3%	6.3%	0.0%
We expect to reduce finance function						
employment within 3-	1	3	2	0	1	1
5 years	1.7%	6.1%	4.7%	0.0%	3.1%	7.7%

Q7c. Do you anticipate that your company will reduce the number of employees in the finance function because of innovations in financial technology (such as the items listed in b above)? (choose best answer) DK Excluded

N=245	Total						Indu	ıstry					
Number	_		Bank/Fin										_
Col %		Retail/ Whole- sale A	Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Other	1 0.4%	0 0.0%	1 4.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	_	_	-	0 0.0%	0 0.0%	0 0.0%

Q7c. Do you anticipate that your company will reduce the number of employees in the finance function because of innovations in financial technology (such as the items listed in b above)? (choose best answer) DK Excluded

N=245			S	ales Revenue						Ownership		
Number Col %	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Other	1 1.1%	0 0.0%	0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0.0%	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Q7c. Do you anticipate that your company will reduce the number of employees in the finance function because of innovations in financial technology (such as the items listed in b above)? (choose best answer) DK Excluded

N=245 Number of Employees									Foreign	Sales	
Number							More				
Col %	Fewer than 100	100- 499	500- 999	1000- 2499	2500- 4999	5000- 9999	than 10,000	0%	1-24%	25-50%	More than 50%
	A	В	С	D	Е	F	G	Α	В	С	D
Other	1	0	0	0	0	0	0	1	0	0	0
	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%

Q7c. Do you anticipate that your company will reduce the number of employees in the finance function because of innovations in financial technology (such as the items listed in b above)? (choose best answer) DK Excluded

N=245		Where are you personally located?									
Number			South		South	_					
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain					
	US	US	US	US	US	US					
	A	В	С	D	Е	F					
Other	0	0	1	0	0	0					
	0.0%	0.0%	2.3%	0.0%	0.0%	0.0%					

than:

N=245	Total						Indi	ustry					
Number Mean		Retail/ Whole- sale	Bank/Fin Insur Real Estate	Mining Construc- tion	Trans- portation Pub. Util	Energy	Service Consult- ing	Commun- ications Media	Tech Soft- Hardware Bio	Manufac- turing	Health- care Pharm	Agr, Pub Admin	Other Industry
Number	245	27	25	11	9	8	44	2	13	50	15	6	25
Percent	100.0%	11.0%	10.2%	4.5%	3.7%	3.3%	18.0%	0.8%	5.3%	20.4%	6.1%	2.4%	10.2%
Over the next 10 years, I expect the average annual S&P 500 return will be: There is a 1-in-10 chance it will be less than:	219 1.71	27 2.35	23 2.67	11 3.56	7 3.43	6 -2.50	42 0.89	1 5.00	13 3.31	44 2.00	14 3.51	-4.93	23 -0.04
Over the next 10 years, I expect the average annual S&P 500 return will be: Expected return:	225	27	24	11	7	6	42	1	13	47	15	6	24
	6.57	7.27	8.18	8.57	6.43	4.83	5.31	15.00	6.35	6.77	6.42	4.33	5.59
Over the next 10 years, I expect the average annual S&P 500 return will be: There is a 1-in-10 chance it will be greater than:	220	27	23	11	7	6	42	1	13	45	14	6	23
	10.35	10.63	12.55	12.19	10.14	10.00	8.88	20.00	8.35	10.52	11.36	9.67	9.09
Over the next year, I expect the average annual S&P 500 return will be: There is a 1-in-10 chance it will be less than:	218	27	22	11	7	6	42	1	13	44	14	6	23
	-3.07	-1.05	-3.70	0.98	-8.03	-12.37	-4.94	5.00	-3.25	-1.90	0.56	-12.67	-2.19
Over the next year, I expect the average annual S&P 500 return will be: Expected return:	225	27	23	11	7	6	43	1	13	47	15	6	24
	5.88	5.90	4.60	10.13	5.00	3.67	4.72	15.00	6.62	6.55	6.47	2.00	6.48
Over the next year, I expect the average annual S&P 500 return will be: There is a 1-in-10 chance it will be greater	219	27	22	11	7	6	42	1	13	45	14	6	23
	11.43	11.83	9.91	16.04	11.14	12.60	9.95	25.00	13.58	11.49	12.68	7.33	10.92

N=245			9	Sales Revenue	!					Ownership		
Number Mean	Less than \$25 million	\$25-99 million	\$100-499 million	\$500-999 million	\$1-4.9 billion	\$5-9.9 billion	More than \$10 billion	Public, NYSE	Public, Nasdaq/ AMEX	Private	Govern- ment	Nonprofit
Number	88	62	46	8	14	7	9	17	8	166	5	18
Percent	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
Over the next 10 years, I expect the average annual S&P 500 return will be: There is a 1-in-10 chance it will be less than:	77	58	46	7	14	7	8	16	8	153	5	17
	1.88	1.11	2.61	0.98	0.11	2.29	2.40	2.08	4.28	1.94	-3.96	-1.46
Over the next 10 years, I expect the average annual S&P 500 return will be: Expected return:	81	59	46	7	14	7	8	16	8	158	5	18
	6.36	6.27	7.39	5.00	6.63	7.71	7.29	8.02	7.16	6.63	5.00	4.91
Over the next 10 years, I expect the average annual S&P 500 return will be: There is a 1-in-10 chance it will be greater than:	78	58	46	7	14	7	8	16	8	154	5	17
	9.88	9.97	11.34	8.86	11.39	11.14	11.88	11.75	11.88	10.19	10.80	10.74
Over the next year, I expect the average annual S&P 500 return will be: There is a 1-in-10 chance it will be less than:	76	58	46	7	14	7	8	16	8	152	5	17
	-1.68	-4.49	-2.95	-4.88	-5.75	0.86	-4.40	-5.78	-3.78	-2.56	-9.40	-5.51
Over the next year, I expect the average annual S&P 500 return will be: Expected return:	80	60	46	7	14	7	8	16	8	158	5	18
	5.95	5.83	6.60	5.43	3.90	8.43	3.88	4.36	5.38	6.15	4.40	5.51
Over the next year, I expect the average annual S&P 500 return will be: There is a 1-in-10 chance it will be greater than:	77	58	46	7	14	7	8	16	8	153	5	17
	10.91	11.43	12.78	11.23	9.64	13.14	11.38	11.88	15.38	11.31	9.40	12.06

N=245	Number of Employees								Foreign Sales			
Number Mean	Fewer than 100	100- 499	500- 999	1000- 2499	2500- 4999	5000- 9999	More than 10,000	0%	1-24%	25-50%	More than 50%	
Number	74	60	13	19	7	5	14	115	93	23	5	
Percent	38.5%	31.3%	6.8%	9.9%	3.6%	2.6%	7.3%	48.7%	39.4%	9.7%	2.1%	
Over the next 10 years, I expect the average annual S&P 500 return will be: There is a 1-in-10 chance it will be less than:	69	57	12	19	7	4	12	106	85	22	5	
	1.98	1.40	3.93	1.27	-0.57	0.05	1.27	1.74	2.00	0.38	1.80	
Over the next 10 years, I expect the average annual S&P 500 return will be: Expected return:	72	58	13	19	7	4	13	107	90	22	5	
	6.47	6.24	8.18	7.54	6.29	7.50	6.95	6.92	6.36	5.90	6.00	
Over the next 10 years, I expect the average annual S&P 500 return will be: There is a 1-in-10 chance it will be greater than:	69	58	12	19	7	4	12	106	86	22	5	
	9.95	10.27	12.92	11.61	10.86	12.50	11.84	11.12	9.62	10.07	8.20	
Over the next year, I expect the average annual S&P 500 return will be: There is a 1-in-10 chance it will be less than:	68	57	12	19	7	4	12	105	85	22	5	
	-1.23	-4.29	1.17	-5.79	-12.89	4.25	-5.18	-2.70	-2.85	-4.36	-10.04	
Over the next year, I expect the average annual S&P 500 return will be: Expected return:	71	59	13	19	7	4	13	107	90	22	5	
	6.51	5.52	6.31	6.79	3.09	8.00	4.46	6.00	6.05	5.24	3.00	
Over the next year, I expect the average annual S&P 500 return will be: There is a 1-in-10 chance it will be greater than:	68	58	12	19	7	4	12	105	86	22	5	
	11.44	12.03	11.58	13.45	9.71	13.00	11.83	11.59	11.59	10.18	11.20	

N=245		Wher	e are you pe	rsonally loca	ted?	
Number			South		South	
Mean	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
Number	60	49	46	35	34	13
Percent	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
Over the next 10 years, I	54	44	43	31	34	13
expect the average annual S&P 500 return will be: There is a 1-in-10 chance it will be less than:	2.36	1.04	2.16	1.55	1.25	1.31
Over the next 10 years, I	57	46	44	32	33	13
expect the average annual S&P 500 return will be: Expected return:	6.68	5.76	7.61	6.16	6.73	6.06
Over the next 10 years, I	55	44	43	31	34	13
expect the average annual S&P 500 return will be: There is a 1-in-10 chance it will be greater than:	10.69	9.05	11.55	10.03	10.75	9.00
Over the next year, I expect	54	44	42	31	34	13
the average annual S&P 500 return will be: There is a 1-in-10 chance it will be less than:	-3.08	-2.79	-2.95	-2.28	-2.94	-6.63
Over the next year, I expect	57	46	43	32	34	13
the average annual S&P 500 return will be: Expected return:	5.70	6.13	5.87	6.17	5.67	5.65
Over the next year, I expect	55	44	42	31	34	13
the average annual S&P 500 return will be: There is a 1-in-10 chance it will be greater than:	11.29	11.42	11.41	11.55	11.22	12.42

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

N=195	Total						Indu	stry					
Number			Bank/Fin										_
Mean		Retail/ Whole- sale A	Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Number	195	23	21	11	5	5	35	1	13	45	13	5	16
Percent	100.0%	11.9%	10.9%	5.7%	2.6%	2.6%	18.1%	0.5%	6.7%	23.3%	6.7%	2.6%	8.3%
% Approximate ROA	195	23	21	11	5	5	35	1	. 13	45	13	5	16
in 2017	7.67	6.45 FH	5.07 Fh			5.30	13.91 ABHL	-10.00	-4.47 AbCFIJI	9.78 H	8.99 H	4.60	4.80 cFh
% Expected ROA in	195	23	21	11	5	5	35	1	13	45	13	5	16
2018	10.76	8.88 F	7.19 Fi		4.50 f	11.80	16.73 ABdhjkL	0.00	8.05 f	12.94 bl	9.38 f	5.00 f	6.63 Fi

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

N=195					Ownership							
Number Mean	Less than \$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	More than \$10	Public,	Public, Nasdag/		Govern-	_
ivieaii	million A	million B	million C	million D	billion E	billion F	billion G	NYSE A	AMEX B	Private C	ment D	Nonprofit E
Number	72	52	42	4	12	3	8	14	6	140	4	12
Percent	37.3%	26.9%	21.8%	2.1%	6.2%	1.6%	4.1%	8.0%	3.4%	79.5%	2.3%	6.8%
% Approximate ROA	72	52	42	4	12	3	8	14	6	140	4	12
in 2017	6.52	8.34	7.96	11.60	6.96	11.67	8.79	7.95	4.50	8.25	4.75	2.83
% Expected ROA in	72	52	42	4	12	3	8	14	6	140	4	12
2018	11.18	10.21	10.93	11.48	9.00	12.67	10.19	9.11 e	4.00	12.19 E	5.00	3.36 aC

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

N=195			Numb	er of Employ	rees				Foreign	Sales	
Number							More				_
Mean	Fewer	100-	500-	1000-	2500-	5000-	than				More
	than 100	499	999	2499	4999	9999	10,000	0%	1-24%	25-50%	than 50%
	A	В	С	D	E	F	G	Α	В	С	D
Number	61	51	12	16	6	2	12	90	79	20	5
Percent	38.1%	31.9%	7.5%	10.0%	3.8%	1.3%	7.5%	46.4%	40.7%	10.3%	2.6%
% Approximate ROA	61	51	12	16	6	2	12	90	79	20	5
in 2017	9.12	6.29	8.13	8.91	6.33	6.15	9.67	7.83	8.07	6.16	6.58
% Expected ROA in	61	51	12	16	6	2	12	90	79	20	5
2018	14.23	9.33	10.03	9.50	7.17	7.50	10.96	10.50	10.61	12.51	13.54
	b	a									

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

N=195	Where are you personally located?									
Number			South		South					
Mean	Midwest	Northeast	Central	Pacific	Atlantic	Mountain				
	US	US	US	US	US	US				
	A	В	С	D	Е	F				
Number	49	41	36	30	27	12				
Percent	25.1%	21.0%	18.5%	15.4%	13.8%	6.2%				
% Approximate ROA	49	41	36	30	27	12				
in 2017	6.60	6.51	8.89	6.94	9.31	10.52				
% Expected ROA in	49	41	36	30	27	12				
2018	9.74	8.61	13.26	10.95	11.95	11.61				
		С	b							

Manufacturing capacity utilized (Winsorized)

N=48	Total						Indu	stry					
Number			Bank/Fin										
Mean		Retail/ Whole- sale A	Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Number	48	0	0	0	0	0	0	0	0	48	0	0	0
Percent	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
% of capacity utilized	48	0	0	0	0	0	0	0	0	48	0	0	0
in first half of 2017	69.76									69.76			
% of capacity	48	0	0	0	0	0	0	0	0	48	0	0	0
utilization planned for the second half of 2017	73.99									73.99			

Manufacturing capacity utilized (Winsorized)

N=48			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Mean	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	<u>E</u>
Number	11	19	13	1	1	2	1	3	0	41	0	0
Percent	22.9%	39.6%	27.1%	2.1%	2.1%	4.2%	2.1%	6.8%	0.0%	93.2%	0.0%	0.0%
% of capacity utilized	11	19	13	1	1	2	1	3	0	41	0	0
in first half of 2017	69.03	65.68	70.73	65.00	93.49	89.24	85.00	87.83		69.40		
		f				b		С		а		
% of capacity	11	19	13	1	1	2	1	3	0	41	0	0
utilization planned for the second half of 2017	70.91	73.99	71.69	69.00	95.00	92.50	85.00	90.00		73.58		
	f					a						

Manufacturing capacity utilized (Winsorized)

N=48			Numb	er of Employ	ees .				Foreign	Sales	
Number Mean	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Number	9	14	5	6	2	1	1	8	36	3	1
Percent	23.7%	36.8%	13.2%	15.8%	5.3%	2.6%	2.6%	16.7%	75.0%	6.3%	2.1%
% of capacity utilized	9	14	5	6	2	1	1	8	36	3	1
in first half of 2017	67.71	66.10 d	68.00	79.50 b	75.00	93.49	85.00	63.67	70.30	74.50	85.00
% of capacity	9	14	5	6	2	1	1	8	36	3	1
utilization planned for the second half of 2017	70.44	71.43	69.00	81.67	78.00	98.00	85.00	68.62	74.58	77.67	85.00

Manufacturing capacity utilized (Winsorized)

N=48		Where	e are you per	sonally locat	ted?	
Number			South		South	_
Mean	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	A	В	С	D	E	F
Number	23	9	8	4	3	1
Percent	47.9%	18.8%	16.7%	8.3%	6.3%	2.1%
% of capacity utilized	23	9	8	4	3	1
in first half of 2017	71.00	65.00	73.29	59.84	80.00	65.00
% of capacity	23	9	8	4	3	1
utilization planned for the second half of 2017	75.64	66.55	78.62	65.75	84.00	69.00
		е			b	

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

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%			8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
CFO	130 55.1%	18 66.7%	10 41.7%			4 50.0%	19 43.2%				8 53.3%	5 83.3%	16 64.0%
Other	32 13.6%	3 11.1%	5 20.8%			2 25.0%	8 18.2%				1 6.7%	1 16.7%	3 12.0%
CEO	26 11.0%	1 3.7%	5 20.8%			1 12.5%	8 18.2%				1 6.7%	0 0.0%	1 4.0%
VP of Finance	24 10.2%	2 7.4%	1 4.2% j			1 12.5%	6 13.6%				4 26.7% b	0 0.0%	2 8.0%
Controller	19 8.1%	2 7.4%	3 12.5%			0 0.0%	2 4.5%				1 6.7%	0 0.0%	1 4.0%
Treasurer	5 2.1%	1 3.7%	0 0.0%			0 0.0%	1 2.3%				0 0.0%	0 0.0%	2 8.0% i

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

N=245			S	ales Revenue						Ownership		
Number Col %	Less than \$25 million A	\$25-99 million B	\$100-499 million C	\$500-999 million D	\$1-4.9 billion E	\$5-9.9 billion F	More than \$10 billion G	Public, NYSE A	Public, Nasdaq/ AMEX B	Private C	Govern- ment D	Nonprofit E
Total	88 37.6%	62 26.5%			14 6.0%	7 3.0%	9 3.8%	17 7.9%	8 3.7%	166 77.6%	5 2.3%	
CFO	43 50.0% C	36 58.1%		50.0%	5 35.7% c	3 42.9%	4 44.4%	9 52.9%	4 50.0%	84 50.9%	4 80.0%	_
Other	13 15.1% g	9 14.5% g			1 7.1% g	1 14.3%	4 44.4% abCde	5 29.4%	2 25.0%	23 13.9%	1 20.0%	
CEO	17 19.8% C	5 8.1%		12.5%	1 7.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	21 12.7%	0 0.0%	
VP of Finance	6 7.0% e	6 9.7%		25.0%	4 28.6% ac	1 14.3%	1 11.1%	1 5.9%	2 25.0%	18 10.9%	0 0.0%	
Controller	6 7.0%	6 9.7%	3 6.5%		2 14.3%	1 14.3%	0 0.0%	2 11.8%	0 0.0%	14 8.5%	0 0.0%	
Treasurer	1 1.2% f	0 0.0% eF	2.2%		1 7.1% b	1 14.3% aB	0 0.0%	0 0.0%	0 0.0%	5 3.0%	0 0.0%	_

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

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
CFO	32 44.4%	37 61.7%	8 61.5%	12 63.2%	4 57.1%	2 40.0%	6 42.9%	68 59.6%	48 52.2%	9 39.1%	4 80.0%
Other	14 19.4%	5 8.3% g	1 7.7%	4 21.1%	1 14.3%	0 0.0%	4 28.6% b	16 14.0%	12 13.0%	3 13.0%	1 20.0%
CEO	14 19.4% B	2 3.3% A	1 7.7%	1 5.3%	0 0.0%	0 0.0%	0 0.0%	13 11.4%	12 13.0%	1 4.3%	0 0.0%
VP of Finance	7 9.7%	8 13.3%	1 7.7%	0 0.0%	1 14.3%	1 20.0%	2 14.3%	11 9.6%	9 9.8%	4 17.4%	0 0.0%
Controller	4 5.6%	8 13.3%	2 15.4%	1 5.3%	1 14.3%	1 20.0%	0 0.0%	5 4.4% c	9 9.8%	4 17.4% a	0 0.0%
Treasurer	1 1.4% fg	0 0.0% FG	0 0.0%	1 5.3%	0 0.0%	1 20.0% aB	2 14.3% aB	1 0.9% c	2 2.2%	2 8.7% a	0 0.0%

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

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

N=245	Where are you personally located?											
Number			South		South							
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain						
	US	US	US	US	US	US						
<u>.</u>	Α	В	С	D	E	F						
Total	60	49	46	35	34	13						
Total	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%						
CFO	36	29	21	16	17	10						
	60.0%	59.2%	46.7%	45.7%	50.0%	83.3%						
			f	f	f	cde						
Other	7	3	6	6	10	0						
	11.7%	6.1%	13.3%	17.1%	29.4%	0.0%						
	е	Е			aBf	е						
CEO	4	6	5	8	3	0						
	6.7%	12.2%	11.1%	22.9%	8.8%	0.0%						
	d			а								
VP of Finance	6	3	7	3	3	2						
VI OI I Mande	10.0%	6.1%	15.6%	8.6%	8.8%	16.7%						
Controller	6	6	5	1	1	0						
Controller	10.0%	12.2%	11.1%	2.9%	2.9%	0.0%						
Traccurar	4	2	4	4	0	0						
Treasurer	1 1.7%	2 4.1%	1 2.2%	1 2.9%	0 0.0%	0 0.0%						

What is your age?

N=245	Total						Indu	stry					
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%		9 3.8%	8 3.4%	44 18.7%				15 6.4%	6 2.6%	25 10.6%
<40	8 3.3%	2 7.4%	0 0.0% k	0.0%		0 0.0%	2 4.5%				1 6.7%	1 16.7% bl	0 0.0% k
40-49	34 14.2%	2 7.4%	3 12.0%			1 12.5%	5 11.4%				4 26.7%	0 0.0%	6 24.0%
50-59	80 33.5%	10 37.0%	9 36.0%			5 62.5% f	10 22.7% deg	100.0%	38.5%		4 26.7%	3 50.0%	6 24.0% dg
>=60	113 47.3%	13 48.1%	13 52.0%	6 54.5%		2 25.0%	25 56.8%			22 44.0%	6 40.0%	2 33.3%	12 48.0%
Prefer not to answer	4 1.7%	0 0.0%	0 0.0%			0 0.0%	2 4.5%				0 0.0%	0 0.0%	1 4.0%

What is your age?

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	A	В	С	D	E	F	G	Α	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
	37.6%	26.5%	19.7%		6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	
<40	2	2	3	0	1	0	0	0	1	6	0	0
	2.3%	3.2%	6.5%	0.0%	7.1%	0.0%	0.0%	0.0%	12.5%	3.6%	0.0%	0.0%
40-49	4	15			3	1	1	4	1	22	0	
	4.5%	24.2%	19.6%	12.5%	21.4%	14.3%	11.1%	23.5%	12.5%	13.3%	0.0%	27.8%
	BCe	А	А		а							
50-59	25	17			5	4	4	6	1	54	4	3
	28.4%	27.4%	39.1%	62.5%	35.7%	57.1%	44.4%	35.3%	12.5%	32.5%	80.0%	16.7%
	d	d		ab					d	d	bce	d
>=60	56	28	16	1	5	1	4	6	5	81	1	10
	63.6%	45.2%	34.8%	12.5%	35.7%	14.3%	44.4%	35.3%	62.5%	48.8%	20.0%	55.6%
	bCDf	а	Α	Α		а						
Prefer not to answer	1	0			0	1	0	1	0	3	0	_
	1.1%	0.0%			0.0%	14.3%	0.0%	5.9%	0.0%	1.8%	0.0%	0.0%
	df	DF	df	аВс		aBc						

What is your age?

N=245			Numb	er of Employ	ees				Foreign	Sales	
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
<40	2 2.7%	1 1.7%	1 7.7%	0 0.0%	0 0.0%	0 0.0%	1 7.1%	5 4.3%	2 2.2%	1 4.3%	0 0.0%
40-49	5 6.8% bd	12 20.0% a	3 23.1%	5 26.3% a	2 28.6%	0 0.0%	2 14.3%	16 13.9%	12 12.9%	5 21.7%	1 20.0%
50-59	21 28.4% f	18 30.0% f	5 38.5%	9 47.4%	2 28.6%	4 80.0% ab	6 42.9%	39 33.9%	32 34.4%	7 30.4%	0 0.0%
>=60	45 60.8% cDF	29 48.3% f	4 30.8% a	5 26.3% A	2 28.6%	0 0.0% Ab	5 35.7%	54 47.0%	44 47.3%	10 43.5%	4 80.0%
Prefer not to answer	1 1.4% ef	0 0.0% EF	0 0.0%	0 0.0%	1 14.3% aB	1 20.0% aB	0 0.0%	1 0.9%	3 3.2%	0 0.0%	0 0.0%

What is your age?

N=245		Where	e are you per	sonally locat	ed?	
Number			South		South	
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain
	US	US	US	US	US	US
	Α	В	С	D	E	F
Total	60	49	46	35	34	13
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%
<40	1	3	1	2	0	1
	1.7%	6.1%	2.2%	5.7%	0.0%	7.7%
40-49	10	8	8	2	5	1
	16.7%	16.3%	17.4%	5.7%	14.7%	7.7%
50-59	25	16	16	7	10	5
30-39	41.7%	_	34.8%	20.0%	29.4%	_
		32.7%	34.8%		29.4%	38.5%
	d			а		
>=60	24	22	20	23	17	6
	40.0%	44.9%	43.5%	65.7%	50.0%	46.2%
	d			a		
D ()	_	_	•		•	_
Prefer not to answer	0	0	1	1	2	0
	0.0%	0.0%	2.2%	2.9%	5.9%	0.0%

What type of pension plan does your company offer?

N=245	Total	Total Industry											
Number Col %		Retail/ Whole- sale A	Bank/Fin Insur Real Estate B	Mining Construc- tion C	Trans- portation Pub. Util D	Energy E	Service Consult- ing F	Commun- ications Media G	Tech Soft- Hardware Bio H	Manufac- turing I	Health- care Pharm J	Agr, Pub Admin K	Other Industry L
Total	235 100.0%	27 11.5%	25 10.6%			8 3.4%					15 6.4%	6 2.6%	25 10.6%
Defined benefit	17 7.3%	2 7.4%	2 8.3%			0 0.0%	1 2.3% cl	0.0%			2 13.3%	1 16.7%	4 16.0% f
Defined contribution	124 53.4%	17 63.0% dl	12 50.0%			2 33.3% h	26 60.5% dl	50.0%			7 46.7%	2 33.3% h	8 32.0% afHi
Combination of a and b	33 14.2%	4 14.8% Df	1 4.2% Dk	0.0%	66.7%	1 16.7% F	0.0% aDEIJKL	0.0%		_	3 20.0% dF	2 33.3% bF	6 24.0% dF
None	53 22.8%	4 14.8%	7 29.2%			3 50.0% i	15 34.9% i				3 20.0%	1 16.7%	5 20.0%
NA	5 2.2%	0 0.0%	2 8.3% i			0 0.0%	2.3%				0 0.0%	0 0.0%	2 8.0% i

What type of pension plan does your company offer?

N=245			S	ales Revenue						Ownership		
Number	Less than						More		Public,			
Col %	\$25	\$25-99	\$100-499	\$500-999	\$1-4.9	\$5-9.9	than \$10	Public,	Nasdaq/		Govern-	
	million	million	million	million	billion	billion	billion	NYSE	AMEX	Private	ment	Nonprofit
	Α	В	С	D	E	F	G	A	В	С	D	E
Total	88	62	46	8	14	7	9	17	8	166	5	18
TOtal				_	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%		
	37.6%	26.5%	19.7%	3.4%	6.0%	3.0%	3.8%	7.9%	3.7%	77.6%	2.3%	8.4%
Defined benefit	3	7	4	1	2	0	0	0	0	10	1	3
	3.6%	11.3%	8.7%	14.3%	14.3%	0.0%	0.0%	0.0%	0.0%	6.1%	20.0%	16.7%
D (* 1		2.0	20	2			2			00	4	10
Defined contribution	44	36			6	4	2	6	4	90	1	10
	52.4%	58.1%	63.0%	28.6%	42.9%	57.1%	22.2%	35.3%	50.0%	55.2%	20.0%	55.6%
		g	g				bc					
Combination of a and	5	9	5	2	3	1	7	8	1	15	3	4
b	6.0%	14.5%	10.9%	28.6%	21.4%	14.3%	77.8%	47.1%	12.5%	9.2%	60.0%	22.2%
	dG	G	G	а	g	g	ABCef	С		AD	С	
None	28	10	8	2	3	1	0	2	3	45	0	1
None	33.3%	16.1%			21.4%	14.3%	0.0%	11.8%	37.5%	27.6%	0.0%	5.6%
	55.5% bg			28.070	21.4/0	14.570	0.070 a	11.670	37.5% e	27.0% e	0.070	5.0% bc
	ng	а					а		e	-		bc
NA	4	0	0	0	0	1	0	1	0	3	0	0
	4.8%	0.0%	0.0%	0.0%	0.0%	14.3%	0.0%	5.9%	0.0%	1.8%	0.0%	0.0%
		F	f			Вс						

What type of pension plan does your company offer?

N=245			Numb	Foreign Sales							
Number Col %	Fewer than 100 A	100- 499 B	500- 999 C	1000- 2499 D	2500- 4999 E	5000- 9999 F	More than 10,000 G	0% A	1-24% B	25-50% C	More than 50% D
Total	74 38.5%	60 31.3%	13 6.8%	19 9.9%	7 3.6%	5 2.6%	14 7.3%	115 48.7%	93 39.4%	23 9.7%	5 2.1%
Defined benefit	1 1.4% BD	8 13.3% A	0 0.0%	3 15.8% A	0 0.0%	0 0.0%	0 0.0%	8 7.2%	8 8.7%	1 4.3%	0 0.0%
Defined contribution	37 52.9% g	31 51.7% g	8 61.5% g	9 47.4%	5 71.4% g	3 60.0%	3 21.4% abce	51 45.9%	55 59.8%	14 60.9%	3 60.0%
Combination of a and b	5 7.1% G	10 16.7% G	3 23.1% g	3 15.8% G	0 0.0% g	0 0.0% g	9 64.3% ABcDef	18 16.2%	10 10.9%	3 13.0%	2 40.0%
None	24 34.3% b	11 18.3% a	2 15.4%	4 21.1%	2 28.6%	1 20.0%	2 14.3%	31 27.9%	18 19.6%	4 17.4%	0 0.0%
NA	3 4.3%	0 0.0% F	0 0.0%	0 0.0%	0 0.0%	1 20.0% B	0 0.0%	3 2.7%	1 1.1%	1 4.3%	0 0.0%

Duke / CFO magazine Global Business Outlook survey - U.S. - First Quarter, 2018

What type of pension plan does your company offer?

N=245	Where are you personally located?									
Number			South		South	_				
Col %	Midwest	Northeast	Central	Pacific	Atlantic	Mountain				
	US	US	US	US	US	US				
	Α	В	С	D	E	F				
Total	60	49	46	35	34	13				
	25.3%	20.7%	19.4%	14.8%	14.3%	5.5%				
Defined benefit	5	4	4	2	2	0				
	8.5%	8.3%	9.1%	5.7%	5.9%	0.0%				
Defined contribution	36	20	19	20	21	8				
	61.0%	41.7%	43.2%	57.1%	61.8%	66.7%				
	b	а								
Combination of a and	10	11	3	3	4	2				
b	16.9%	22.9%	6.8%	8.6%	11.8%	16.7%				
		С	b							
None	8	11	16	9	7	2				
	13.6%		36.4%	25.7%	20.6%	16.7%				
	C		А							
NA	0	2	2	1	0	0				
	0.0%	4.2%	4.5%	2.9%	0.0%	0.0%				