

NCC GROUP BOARD DIRECTORS SURVEY

METHODOLOGY NOTE

ComRes interviewed 200 Board Directors at companies with 500+ employees between 24th August and 15th September. ComRes is a member of the British Polling Council and abides by its rules.

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J303044 MC2 Board Directors Survey

Q2. Does your organisation have a cybersecurity strategy in place?

Base: All Board Directors at Companies with 500+ Employees

Significance Level: 95%

	ROLE			LENGTH OF EMPLOYMENT					NUMBER OF EMPLOYEES		DOES ORGANISATION HAVE A CYBER SECURITY STRATEGY?			TRUST IN NCC	
		Executive board member/ director/ partner	Non-executive board member/ director												
Total	Owner/ principal			Less than six months	Six months – 1 year	1 year – 3 years	3 years – 5 years	5 years+	500-999	1000+	Yes	No	Don't know	Trust	Do not trust
	*a	b	*c	*d	*e	*f	g	h	i	j	k	*l	*m	n	*o
200	15	164	21	4	4	27	64	101	58	142	186	11	3	107	24
100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
186	14	154	18	2	2	25	61	96	54	132	186	-	-	103	23
93%	93%	94%	86%	50%	50%	93%	95%	95%	93%	93%	100%	-	-	96%	96%
11	1	8	2	1	2	2	2	4	3	8	-	11	-	4	1
6%	7%	5%	10%	25%	50%	7%	3%	4%	5%	6%	-	100%	-	4%	4%
3	-	2	1	1	-	-	1	1	1	2	-	-	3	-	-
2%	-	1%	5%	25%	-	-	2%	1%	2%	1%	-	-	100%	-	-

Columns Tested: a,b,c - d,e,f,g,h - i,j - k,l,m - n,o

J303044 MC2 Board Directors Survey

Q2. Does your organisation have a cybersecurity strategy in place?

Base: All Board Directors at Companies with 500+ Employees

	Total	ANNUAL TURNOVER				SECTOR						
		£10,000,000 – 19,999,999	£20,000,000 - £49,999,999	£50,000,000 - £99,999,999	£100,000,000+	Production	Construction	Motor trades	Wholesale	Retail	Transport & storage (inc. postal)	Accommodation & food services
Significance Level: 95%		a	b	c	d	*e	*f	*g	*h	*i	*j	*k
Total	200	33	34	41	85	18	10	7	8	25	14	1
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Yes	186	33	31	38	80	15	9	7	7	23	12	-
	93%	100%	91%	93%	94%	83%	90%	100%	88%	92%	86%	-
No	11	-	2	2	4	1	1	-	1	2	2	1
	6%	-	6%	5%	5%	6%	10%	-	13%	8%	14%	100%
Don't know	3	-	1	1	1	2	-	-	-	-	-	-
	2%	-	3%	2%	1%	11%	-	-	-	-	-	-

Columns Tested: a,b,c,d - e,f,g,h,i,j,k

J303044 MC2 Board Directors Survey

Q2. Does your organisation have a cybersecurity strategy in place?

Base: All Board Directors at Companies with 500+ Employees

		SECTOR								
	Total	Information & communication	Finance & insurance	Property	Professional, scientific & technical	Business administration and support services	Public administration and defence	Education	Health	Arts, entertainment, recreation and other services
Significance Level: 95%		*a	*b	*c	*d	*e	*f	*g	*h	*i
Total	200	23	29	4	26	11	10	8	5	1
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Yes	186	23	28	4	26	9	10	8	4	1
	93%	100%	97%	100%	100%	82%	100%	100%	80%	100%
No	11	-	1	-	-	1	-	-	1	-
	6%	-	3%	-	-	9%	-	-	20%	-
Don't know	3	-	-	-	-	1	-	-	-	-
	2%	-	-	-	-	9%	-	-	-	-

Columns Tested: a,b,c,d,e,f,g,h,i

J303044 MC2 Board Directors Survey

Q3. How often, if at all, does your organisation review, practice or update the cybersecurity strategy?

Base: All Board Directors at Companies with 500+ Employees whose organisation has a cybersecurity strategy in place

	ROLE				LENGTH OF EMPLOYMENT					NUMBER OF EMPLOYEES		DOES ORGANISATION HAVE A CYBER SECURITY STRATEGY?			TRUST IN NCC	
	Total	Owner/ principal	Executive board member/ director/ partner	Non-executive board member/ director	Less than six months	Six months – 1 year	1 year – 3 years	3 years – 5 years	5 years+	500-999	1000+	Yes	No	Don't know	Trust	Do not trust
Significance Level: 95%		*a	b	*c	*d	*e	*f	g	h	i	j	k	*l	*m	n	*o
Total	186 100%	14 100%	154 100%	18 100%	2 100%	2 100%	25 100%	61 100%	96 100%	54 100%	132 100%	186 100%	- -	- -	103 100%	23 100%
Once per quarter	49 26%	5 36%	41 27%	3 17%	- -	1 50%	10 40%	10 16%	28 29%	11 20%	38 29%	49 26%	- -	- -	29 28%	6 26%
Twice per year	58 31%	2 14%	52 34%	4 22%	1 50%	1 50%	4 16%	27 44%	25 26%	18 33%	40 30%	58 31%	- -	- -	33 32%	11 48%
Once per year	45 24%	2 14%	39 25%	4 22%	1 50%	- -	5 20%	18 30%	21 22%	18 33%	27 20%	45 24%	- -	- -	29 28%	5 22%
No set time period for reviewing and updating the strategy	25 13%	2 14%	18 12%	5 28%	- -	- -	3 12%	5 8%	17 18%	7 13%	18 14%	25 13%	- -	- -	11 11%	1 4%
We have not reviewed or updated since the strategy was put in place	1 1%	- -	- -	1 6%	- -	- -	- -	1 2%	- -	- -	1 1%	1 1%	- -	- -	- -	- -
Don't know	8 4%	3 21%	4 3%	1 6%	- -	- -	3 12%	- -	5 5%	- -	8 6%	8 4%	- -	- -	1 1%	- -
NETS																
Net: Regularly	152 82%	9 64%	132 86%	11 61%	2 100%	2 100%	19 76%	55 90%	74 77%	47 87%	105 80%	152 82%	- -	- -	91 88%	22 96%

Columns Tested: a,b,c - d,e,f,g,h - i,j - k,l,m - n,o

J303044 MC2 Board Directors Survey

Q3. How often, if at all, does your organisation review, practice or update the cybersecurity strategy?

Base: All Board Directors at Companies with 500+ Employees whose organisation has a cybersecurity strategy in place

	Total	ANNUAL TURNOVER				SECTOR						
		£10,000,000 – 19,999,999	£20,000,000 - £49,999,999	£50,000,000 - £99,999,999	£100,000,000+	Production	Construction	Motor trades	Wholesale	Retail	Transport & storage (inc. postal)	Accommodation & food services
Significance Level: 95%		a	b	c	d	*e	*f	*g	*h	*i	*j	*k
Total	186 100%	33 100%	31 100%	38 100%	80 100%	15 100%	9 100%	7 100%	7 100%	23 100%	12 100%	- -
Once per quarter	49 26%	7 21%	8 26%	10 26%	24 30%	4 27%	3 33%	2 29%	3 43%	9 39%	2 17%	- -
Twice per year	58 31%	14 42% d	13 42% d	13 34%	18 23%	5 33%	1 11%	1 14%	1 14%	9 39%	5 42%	- -
Once per year	45 24%	10 30%	5 16%	7 18%	21 26%	3 20%	3 33%	3 43%	3 43%	4 17%	4 33%	- -
No set time period for reviewing and updating the strategy	25 13%	2 6%	5 16%	7 18%	10 13%	2 13%	2 22%	- -	- -	1 4%	- -	- -
We have not reviewed or updated since the strategy was put in place	1 1%	- -	- -	- -	- -	- -	- -	1 14%	- -	- -	- -	- -
Don't know	8 4%	- -	- -	1 3%	7 9%	1 7%	- -	- -	- -	- -	1 8%	- -
NETS												
Net: Regularly	152 82%	31 94%	26 84%	30 79%	63 79%	12 80%	7 78%	6 86%	7 100%	22 96%	11 92%	- -

Columns Tested: a,b,c,d - e,f,g,h,i,j,k

J303044 MC2 Board Directors Survey

Q3. How often, if at all, does your organisation review, practice or update the cybersecurity strategy?

Base: All Board Directors at Companies with 500+ Employees whose organisation has a cybersecurity strategy in place

		SECTOR								
	Total	Information & communication	Finance & insurance	Property	Professional, scientific & technical	Business administration and support services	Public administration and defence	Education	Health	Arts, entertainment, recreation and other services
Significance Level: 95%		*a	*b	*c	*d	*e	*f	*g	*h	*i
Total	186 100%	23 100%	28 100%	4 100%	26 100%	9 100%	10 100%	8 100%	4 100%	1 100%
Once per quarter	49 26%	4 17%	6 21%	- -	10 38%	1 11%	2 20%	2 25%	1 25%	- -
Twice per year	58 31%	14 61%	11 39%	1 25%	7 27%	1 11%	2 20%	- -	- -	- -
Once per year	45 24%	2 9%	6 21%	1 25%	4 15%	4 44%	3 30%	3 38%	2 50%	- -
No set time period for reviewing and updating the strategy	25 13%	3 13%	4 14%	1 25%	1 4%	3 33%	3 30%	3 38%	1 25%	1 100%
We have not reviewed or updated since the strategy was put in place	1 1%	- -	- -	- -	- -	- -	- -	- -	- -	- -
Don't know	8 4%	- -	1 4%	1 25%	4 15%	- -	- -	- -	- -	- -
NETS										
Net: Regularly	152 82%	20 87%	23 82%	2 50%	21 81%	6 67%	7 70%	5 63%	3 75%	- -

Columns Tested: a,b,c,d,e,f,g,h,i

J303044 MC2 Board Directors Survey

Q6. When was the last time that you sat through a table-top cyber-scenario at your current organisation?

Base: All Board Directors at Companies with 500+ Employees

	Total	ROLE			LENGTH OF EMPLOYMENT					NUMBER OF EMPLOYEES		DOES ORGANISATION HAVE A CYBER SECURITY STRATEGY?			TRUST IN NCC	
		Owner/ principal	Executive board member/ director/ partner	Non-executive board member/ director	Less than six months	Six months – 1 year	1 year – 3 years	3 years – 5 years	5 years+	500-999	1000+	Yes	No	Don't know	Trust	Do not trust
Significance Level: 95%		*a	b	*c	*d	*e	*f	g	h	i	j	k	*l	*m	n	*o
Total	200 100%	15 100%	164 100%	21 100%	4 100%	4 100%	27 100%	64 100%	101 100%	58 100%	142 100%	186 100%	11 100%	3 100%	107 100%	24 100%
Within the last month	37 19%	3 20%	33 20%	1 5%	2 50%	- -	5 19%	9 14%	21 21%	5 9%	32 23% i	36 19%	1 9%	- -	27 25%	5 21%
Within the last six months	66 33%	4 27%	58 35%	4 19%	- -	2 50%	7 26%	31 48% h	26 26%	25 43%	41 29%	64 34%	2 18%	- -	42 39%	8 33%
Within the last year	46 23%	2 13%	42 26%	2 10%	- -	- -	9 33%	18 28%	19 19%	16 28%	30 21%	44 24%	1 9%	1 33%	22 21%	8 33%
Within the last three years	13 7%	2 13%	8 5%	3 14%	- -	- -	- -	- -	13 13% g	3 5%	10 7%	12 6%	1 9%	- -	9 8%	2 8%
I have sat through a table-top cyber-scenario at my current organisation, but less recently than within the last three years	1 1%	- -	1 1%	- -	- -	- -	- -	- -	1 1%	- -	1 1%	1 1%	- -	- -	1 1%	- -
I have never sat through a table-top cyber-scenario at my current organisation	37 19%	4 27%	22 13%	11 52%	2 50%	2 50%	6 22%	6 9%	21 21%	9 16%	28 20%	29 16%	6 55%	2 67%	6 6%	1 4%
NETS																
Net: Within the last year	149 75%	9 60%	133 81%	7 33%	2 50%	2 50%	21 78%	58 91% h	66 65%	46 79%	103 73%	144 77%	4 36%	1 33%	91 85%	21 88%

Columns Tested: a,b,c - d,e,f,g,h - i,j - k,l,m - n,o

J303044 MC2 Board Directors Survey

Q6. When was the last time that you sat through a table-top cyber-scenario at your current organisation?

Base: All Board Directors at Companies with 500+ Employees

	Total	ANNUAL TURNOVER				SECTOR						
		£10,000,000 – 19,999,999	£20,000,000 – £49,999,999	£50,000,000 – £99,999,999	£100,000,000+	Production	Construction	Motor trades	Wholesale	Retail	Transport & storage (inc. postal)	Accommodation & food services
Significance Level: 95%		a	b	c	d	*e	*f	*g	*h	*i	*j	*k
Total	200 100%	33 100%	34 100%	41 100%	85 100%	18 100%	10 100%	7 100%	8 100%	25 100%	14 100%	1 100%
Within the last month	37 19%	7 21%	5 15%	9 22%	15 18%	3 17%	5 50%	1 14%	2 25%	3 12%	1 7%	- -
Within the last six months	66 33%	13 39%	19 56% cd	13 32%	20 24%	6 33%	2 20%	2 29%	3 38%	7 28%	9 64%	- -
Within the last year	46 23%	9 27%	9 26%	7 17%	21 25%	2 11%	1 10%	3 43%	2 25%	9 36%	2 14%	1 100%
Within the last three years	13 7%	3 9%	- -	3 7%	7 8%	- -	1 10%	- -	- -	2 8%	1 7%	- -
I have sat through a table-top cyber-scenario at my current organisation, but less recently than within the last three years	1 1%	- -	- -	- -	1 1%	- -	- -	- -	- -	- -	- -	- -
I have never sat through a table-top cyber-scenario at my current organisation	37 19%	1 3%	1 3%	9 22% ab	21 25% ab	7 39%	1 10%	1 14%	1 13%	4 16%	1 7%	- -
NETS												
Net: Within the last year	149 75%	29 88% d	33 97% cd	29 71%	56 66%	11 61%	8 80%	6 86%	7 88%	19 76%	12 86%	1 100%

Columns Tested: a,b,c,d - e,f,g,h,i,j,k

J303044 MC2 Board Directors Survey

Q6. When was the last time that you sat through a table-top cyber-scenario at your current organisation?

Base: All Board Directors at Companies with 500+ Employees

	SECTOR									
Total	Information & communication	Finance & insurance	Property	Professional, scientific & technical	Business administration and support services	Public administration and defence	Education	Health	Arts, entertainment, recreation and other services	
	*a	*b	*c	*d	*e	*f	*g	*h	*i	
200 100%	23 100%	29 100%	4 100%	26 100%	11 100%	10 100%	8 100%	5 100%	1 100%	
37 19%	10 43%	1 3%	- -	8 31%	1 9%	2 20%	- -	- -	- -	
66 33%	8 35%	11 38%	1 25%	8 31%	5 45%	2 20%	2 25%	- -	- -	
46 23%	4 17%	10 34%	1 25%	2 8%	2 18%	3 30%	4 50%	- -	- -	
13 7%	- -	2 7%	- -	1 4%	1 9%	1 10%	1 13%	3 60%	- -	
1 1%	- -	- -	- -	1 4%	- -	- -	- -	- -	- -	
37 19%	1 4%	5 17%	2 50%	6 23%	2 18%	2 20%	1 13%	2 40%	1 100%	
149 75%	22 96%	22 76%	2 50%	18 69%	8 73%	7 70%	6 75%	- -	- -	

Columns Tested: a,b,c,d,e,f,g,h,i

J303044 MC2 Board Directors Survey

Q12. Thinking about the following government tools and schemes to help businesses defend against cyber-attack, please indicate which of the following, if any, you have personally read or used in relation to your Board-level role

Base: All Board Directors at Companies with 500+ Employees

	ROLE				LENGTH OF EMPLOYMENT					NUMBER OF EMPLOYEES		DOES ORGANISATION HAVE A CYBER SECURITY STRATEGY?			TRUST IN NCC	
	Owner/ principal	Executive board member/ director/ partner	Non-executive board member/ director		Less than six months	Six months – 1 year	1 year – 3 years	3 years – 5 years	5 years+	500-999	1000+	Yes	No	Don't know	Trust	Do not trust
Significance Level: 95%																
Total	200	15	164	21	4	4	27	64	101	58	142	186	11	3	107	24
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Action Fraud	67	4	58	5	-	2	10	27	28	21	46	65	1	1	43	9
	34%	27%	35%	24%	-	50%	37%	42%	28%	36%	32%	35%	9%	33%	40%	38%
10 Steps to Cyber Security guide	66	5	57	4	1	-	6	24	35	17	49	64	1	1	38	9
	33%	33%	35%	19%	25%	-	22%	38%	35%	29%	35%	34%	9%	33%	36%	38%
The Cyber Essentials scheme	58	2	52	4	3	1	9	15	30	22	36	56	2	-	42	8
	29%	13%	32%	19%	75%	25%	33%	23%	30%	38%	25%	30%	18%	-	39%	33%
Cyber Streetwise	55	5	46	4	1	-	9	19	26	17	38	54	1	-	41	5
	28%	33%	28%	19%	25%	-	33%	30%	26%	29%	27%	29%	9%	-	38%	21%
None of these	59	8	40	11	1	2	8	10	38	11	48	52	6	1	16	3
	30%	53%	24%	52%	25%	50%	30%	16%	38%	19%	34%	28%	55%	33%	15%	13%

Columns Tested: a,b,c - d,e,f,g,h - i,j - k,l,m - n,o

J303044 MC2 Board Directors Survey

Q12. Thinking about the following government tools and schemes to help businesses defend against cyber-attack, please indicate which of the following, if any, you have personally read or used in relation to your Board-level role

Base: All Board Directors at Companies with 500+ Employees

	Total	ANNUAL TURNOVER				SECTOR						
		£10,000,000 – 19,999,999	£20,000,000 - £49,999,999	£50,000,000 - £99,999,999	£100,000,000+	Production	Construction	Motor trades	Wholesale	Retail	Transport & storage (inc. postal)	Accommodation & food services
Significance Level: 95%		a	b	c	d	*e	*f	*g	*h	*i	*j	*k
Total	200 100%	33 100%	34 100%	41 100%	85 100%	18 100%	10 100%	7 100%	8 100%	25 100%	14 100%	1 100%
Action Fraud	67 34%	15 45%	11 32%	16 39%	24 28%	4 22%	4 40%	1 14%	2 25%	12 48%	5 36%	1 100%
10 Steps to Cyber Security guide	66 33%	17 52%	10 29%	11 27%	26 31%	4 22%	7 70%	2 29%	2 25%	6 24%	3 21%	- -
		cd										
The Cyber Essentials scheme	58 29%	14 42%	11 32%	10 24%	21 25%	3 17%	6 60%	3 43%	4 50%	6 24%	4 29%	- -
Cyber Streetwise	55 28%	12 36%	12 35%	17 41%	13 15%	2 11%	5 50%	- -	4 50%	5 20%	4 29%	- -
		d	d	d								
None of these	59 30%	2 6%	4 12%	9 22%	39 46%	8 44%	1 10%	2 29%	1 13%	7 28%	3 21%	- -
				abc								

Columns Tested: a,b,c,d - e,f,g,h,i,j,k

J303044 MC2 Board Directors Survey

Q12. Thinking about the following government tools and schemes to help businesses defend against cyber-attack, please indicate which of the following, if any, you have personally read or used in relation to your Board-level role

Base: All Board Directors at Companies with 500+ Employees

	Total	SECTOR								
		Information & communication	Finance & insurance	Property	Professional, scientific & technical	Business administration and support services	Public administration and defence	Education	Health	Arts, entertainment, recreation and other services
Significance Level: 95%		*a	*b	*c	*d	*e	*f	*g	*h	*i
Total	200 100%	23 100%	29 100%	4 100%	26 100%	11 100%	10 100%	8 100%	5 100%	1 100%
Action Fraud	67 34%	7 30%	9 31%	1 25%	10 38%	3 27%	5 50%	2 25%	1 20%	- -
10 Steps to Cyber Security guide	66 33%	10 43%	12 41%	- -	8 31%	5 45%	2 20%	3 38%	2 40%	- -
The Cyber Essentials scheme	58 29%	6 26%	8 28%	- -	6 23%	4 36%	3 30%	4 50%	1 20%	- -
Cyber Streetwise	55 28%	10 43%	6 21%	1 25%	7 27%	4 36%	2 20%	4 50%	1 20%	- -
None of these	59 30%	6 26%	7 24%	2 50%	10 38%	3 27%	3 30%	2 25%	3 60%	1 100%

Columns Tested: a,b,c,d,e,f,g,h,i

J303044 MC2 Board Directors Survey

Q13_SUM. Thinking overall about cybersecurity, to what extent do you agree or disagree with each of the following statements?

SUMMARY TABLE

Base: All Board Directors at Companies with 500+ Employees

							NETS		
	Total	Strongly agree	Tend to agree	Tend to disagree	Strongly disagree	Don't know	Agree	Disagree	Mean
Our organisation is sufficiently prepared to deal with cybersecurity threats	200 100%	69 35%	97 49%	26 13%	3 2%	5 3%	166 83%	29 15%	3.19
It is just as much the role of non-executive directors as of executive directors to pay attention to cybersecurity issues	200 100%	86 43%	76 38%	28 14%	9 5%	1 1%	162 81%	37 19%	3.20
Regulators should take a tougher stance against companies that are found to have insufficient cyber security defences	200 100%	65 33%	88 44%	40 20%	4 2%	3 2%	153 77%	44 22%	3.09
Companies should be penalised for failing to meet basic cybersecurity requirements	200 100%	59 30%	83 42%	41 21%	12 6%	5 3%	142 71%	53 27%	2.97
Cybersecurity is a lower risk to our organisation than market volatility at the moment	200 100%	33 17%	66 33%	58 29%	38 19%	5 3%	99 50%	96 48%	2.48
Cybersecurity is a lower risk to our organisation than health and safety issues at the moment	200 100%	28 14%	66 33%	58 29%	40 20%	8 4%	94 47%	98 49%	2.43

J303044 MC2 Board Directors Survey

Q13_1. Thinking overall about cybersecurity, to what extent do you agree or disagree with each of the following statements?

It is just as much the role of non-executive directors as of executive directors to pay attention to cybersecurity issues

Base: All Board Directors at Companies with 500+ Employees

			ROLE			LENGTH OF EMPLOYMENT					NUMBER OF EMPLOYEES		DOES ORGANISATION HAVE A CYBER SECURITY STRATEGY?			TRUST IN NCC	
		Total	Owner/ principal	Executive board member/ director/ partner	Non-executive board member/ director	Less than six months	Six months – 1 year	1 year – 3 years	3 years – 5 years	5 years+	500-999	1000+	Yes	No	Don't know	Trust	Do not trust
Significance Level: 95%			*a	b	*c	*d	*e	*f	g	h	i	j	k	*l	*m	n	*o
Total		200 100%	15 100%	164 100%	21 100%	4 100%	4 100%	27 100%	64 100%	101 100%	58 100%	142 100%	186 100%	11 100%	3 100%	107 100%	24 100%
Strongly agree	(4.0)	86 43%	6 40%	65 40%	15 71%	- -	3 75%	9 33%	27 42%	47 47%	22 38%	64 45%	82 44%	4 36%	- -	50 47%	7 29%
Tend to agree	(3.0)	76 38%	8 53%	63 38%	5 24%	2 50%	1 25%	10 37%	23 36%	40 40%	25 43%	51 36%	70 38%	4 36%	2 67%	46 43%	7 29%
Tend to disagree	(2.0)	28 14%	1 7%	26 16%	1 5%	2 50%	- -	4 15%	9 14%	13 13%	9 16%	19 13%	24 13%	3 27%	1 33%	8 7%	8 33%
Strongly disagree	(1.0)	9 5%	- -	9 5%	- -	- -	- -	4 15%	5 8%	- -	2 3%	7 5%	9 5%	- -	- -	3 3%	2 8%
									h								
Don't know		1 1%	- -	1 1%	- -	- -	- -	- -	- -	1 1%	- -	1 1%	1 1%	- -	- -	- -	- -
NETS																	
Net: Agree		162 81%	14 93%	128 78%	20 95%	2 50%	4 100%	19 70%	50 78%	87 86%	47 81%	115 81%	152 82%	8 73%	2 67%	96 90%	14 58%
Net: Disagree		37 19%	1 7%	35 21%	1 5%	2 50%	- -	8 30%	14 22%	13 13%	11 19%	26 18%	33 18%	3 27%	1 33%	11 10%	10 42%
Mean score		3.20	3.33	3.13	3.67	2.50	3.75	2.89	3.13	3.34	3.16	3.22	3.22	3.09	2.67	3.34	2.79
Standard deviation		.85	.62	.88	.58	.58	.50	1.05	.93	.70	.81	.86	.85	.83	.58	.74	.98
Standard error		.06	.16	.07	.13	.29	.25	.20	.12	.07	.11	.07	.06	.25	.33	.07	.20

Columns Tested: a,b,c - d,e,f,g,h - i,j - k,l,m - n,o

J303044 MC2 Board Directors Survey

Q13_1. Thinking overall about cybersecurity, to what extent do you agree or disagree with each of the following statements?

It is just as much the role of non-executive directors as of executive directors to pay attention to cybersecurity issues

Base: All Board Directors at Companies with 500+ Employees

		ANNUAL TURNOVER				SECTOR							
		Total	£10,000,000 – 19,999,999	£20,000,000 - £49,999,999	£50,000,000 - £99,999,999	£100,000,000+	Production	Construction	Motor trades	Wholesale	Retail	Transport & storage (inc. postal)	Accommodation & food services
Significance Level: 95%			a	b	c	d	*e	*f	*g	*h	*i	*j	*k
Total		200 100%	33 100%	34 100%	41 100%	85 100%	18 100%	10 100%	7 100%	8 100%	25 100%	14 100%	1 100%
Strongly agree	(4.0)	86 43%	12 36%	10 29%	16 39%	44 52% b	10 56%	7 70%	4 57%	4 50%	7 28%	4 29%	- -
Tend to agree	(3.0)	76 38%	13 39%	16 47%	16 39%	29 34%	4 22%	3 30%	1 14%	4 50%	10 40%	7 50%	1 100%
Tend to disagree	(2.0)	28 14%	7 21%	5 15%	8 20%	7 8%	4 22%	- -	1 14%	- -	4 16%	3 21%	- -
Strongly disagree	(1.0)	9 5%	1 3%	3 9%	1 2%	4 5%	- -	- -	1 14%	- -	4 16%	- -	- -
Don't know		1 1%	- -	- -	- -	1 1%	- -	- -	- -	- -	- -	- -	- -
NETS													
Net: Agree		162 81%	25 76%	26 76%	32 78%	73 86%	14 78%	10 100%	5 71%	8 100%	17 68%	11 79%	1 100%
Net: Disagree		37 19%	8 24%	8 24%	9 22%	11 13%	4 22%	- -	2 29%	- -	8 32%	3 21%	- -
Mean score		3.20	3.09	2.97	3.15	3.35 b	3.33	3.70	3.14	3.50	2.80	3.07	3.00
Standard deviation		.85	.84	.90	.82	.83	.84	.48	1.21	.53	1.04	.73	-
Standard error		.06	.15	.16	.13	.09	.20	.15	.46	.19	.21	.20	-

Columns Tested: a,b,c,d - e,f,g,h,i,j,k

J303044 MC2 Board Directors Survey

Q13_1. Thinking overall about cybersecurity, to what extent do you agree or disagree with each of the following statements?

It is just as much the role of non-executive directors as of executive directors to pay attention to cybersecurity issues

Base: All Board Directors at Companies with 500+ Employees

	SECTOR									
	Information & communication	Finance & insurance	Property	Professional, scientific & technical	Business administration and support services	Public administration and defence	Education	Health	Arts, entertainment, recreation and other services	
Total	*a	*b	*c	*d	*e	*f	*g	*h	*i	
200 100%	23 100%	29 100%	4 100%	26 100%	11 100%	10 100%	8 100%	5 100%	1 100%	
86 43%	13 57%	8 28%	1 25%	9 35%	4 36%	6 60%	5 63%	3 60%	1 100%	
76 38%	8 35%	11 38%	2 50%	12 46%	6 55%	4 40%	2 25%	1 20%	- -	
28 14%	- -	7 24%	1 25%	5 19%	1 9%	- -	1 13%	1 20%	- -	
9 5%	2 9%	2 7%	- -	- -	- -	- -	- -	- -	- -	
1 1%	- -	1 3%	- -	- -	- -	- -	- -	- -	- -	
162 81%	21 91%	19 66%	3 75%	21 81%	10 91%	10 100%	7 88%	4 80%	1 100%	
37 19%	2 9%	9 31%	1 25%	5 19%	1 9%	- -	1 13%	1 20%	- -	
3.20 .85 .06	3.39 .89 .19	2.89 .92 .17	3.00 .82 .41	3.15 .73 .14	3.27 .65 .19	3.60 .52 .16	3.50 .76 .27	3.40 .89 .40	4.00 - -	

Columns Tested: a,b,c,d,e,f,g,h,i

J303044 MC2 Board Directors Survey

Q13_2. Thinking overall about cybersecurity, to what extent do you agree or disagree with each of the following statements?

Cybersecurity is a lower risk to our organisation than market volatility at the moment

Base: All Board Directors at Companies with 500+ Employees

			ROLE			LENGTH OF EMPLOYMENT					NUMBER OF EMPLOYEES		DOES ORGANISATION HAVE A CYBER SECURITY STRATEGY?			TRUST IN NCC	
		Total	Owner/ principal	Executive board member/ director/ partner	Non-executive board member/ director	Less than six months	Six months – 1 year	1 year – 3 years	3 years – 5 years	5 years+	500-999	1000+	Yes	No	Don't know	Trust	Do not trust
Significance Level: 95%			*a	b	*c	*d	*e	*f	g	h	i	j	k	*l	*m	n	*o
Total		200 100%	15 100%	164 100%	21 100%	4 100%	4 100%	27 100%	64 100%	101 100%	58 100%	142 100%	186 100%	11 100%	3 100%	107 100%	24 100%
Strongly agree	(4.0)	33 17%	1 7%	26 16%	6 29%	- -	- -	4 15%	13 20%	16 16%	7 12%	26 18%	30 16%	3 27%	- -	22 21%	2 8%
Tend to agree	(3.0)	66 33%	9 60%	55 34%	2 10%	- -	1 25%	14 52%	17 27%	34 34%	23 40%	43 30%	62 33%	3 27%	1 33%	29 27%	9 38%
Tend to disagree	(2.0)	58 29%	1 7%	49 30%	8 38%	1 25%	2 50%	5 19%	23 36%	27 27%	23 40%	35 25%	52 28%	4 36%	2 67%	35 33%	5 21%
Strongly disagree	(1.0)	38 19%	3 20%	31 19%	4 19%	3 75%	1 25%	4 15%	11 17%	19 19%	4 7%	34 24%	37 20%	1 9%	- -	20 19%	8 33%
Don't know		5 3%	1 7%	3 2%	1 5%	- -	- -	- -	- -	5 5%	1 2%	4 3%	5 3%	- -	- -	1 1%	- -
NETS																	
Net: Agree		99 50%	10 67%	81 49%	8 38%	- -	1 25%	18 67%	30 47%	50 50%	30 52%	69 49%	92 49%	6 55%	1 33%	51 48%	11 46%
Net: Disagree		96 48%	4 27%	80 49%	12 57%	4 100%	3 75%	9 33%	34 53%	46 46%	27 47%	69 49%	89 48%	5 45%	2 67%	55 51%	13 54%
Mean score		2.48	2.57	2.47	2.50	1.25	2.00	2.67	2.50	2.49	2.58	2.44	2.47	2.73	2.33	2.50	2.21
Standard deviation		.99	.94	.98	1.15	.50	.82	.92	1.01	.99	.80	1.06	1.00	1.01	.58	1.03	1.02
Standard error		.07	.25	.08	.26	.25	.41	.18	.13	.10	.11	.09	.07	.30	.33	.10	.21

Columns Tested: a,b,c - d,e,f,g,h - i,j - k,l,m - n,o

J303044 MC2 Board Directors Survey

Q13_2. Thinking overall about cybersecurity, to what extent do you agree or disagree with each of the following statements?

Cybersecurity is a lower risk to our organisation than market volatility at the moment

Base: All Board Directors at Companies with 500+ Employees

			ANNUAL TURNOVER				SECTOR						
		Total	£10,000,000 – 19,999,999	£20,000,000 - £49,999,999	£50,000,000 - £99,999,999	£100,000,000+	Production	Construction	Motor trades	Wholesale	Retail	Transport & storage (inc. postal)	Accommodation & food services
Significance Level: 95%			a	b	c	d	*e	*f	*g	*h	*i	*j	*k
Total		200 100%	33 100%	34 100%	41 100%	85 100%	18 100%	10 100%	7 100%	8 100%	25 100%	14 100%	1 100%
Strongly agree	(4.0)	33 17%	6 18%	4 12%	6 15%	15 18%	1 6%	3 30%	2 29%	4 50%	5 20%	2 14%	- -
Tend to agree	(3.0)	66 33%	11 33%	11 32%	13 32%	29 34%	5 28%	2 20%	3 43%	1 13%	6 24%	5 36%	- -
Tend to disagree	(2.0)	58 29%	12 36%	11 32%	15 37% d	17 20%	9 50%	3 30%	1 14%	3 38%	9 36%	6 43%	1 100%
Strongly disagree	(1.0)	38 19%	4 12%	7 21%	7 17%	20 24%	2 11%	2 20%	1 14%	- -	5 20%	1 7%	- -
Don't know		5 3%	- -	1 3%	- -	4 5%	1 6%	- -	- -	- -	- -	- -	- -
NETS													
Net: Agree		99 50%	17 52%	15 44%	19 46%	44 52%	6 33%	5 50%	5 71%	5 63%	11 44%	7 50%	- -
Net: Disagree		96 48%	16 48%	18 53%	22 54%	37 44%	11 61%	5 50%	2 29%	3 38%	14 56%	7 50%	1 100%
Mean score		2.48	2.58	2.36	2.44	2.48	2.29	2.60	2.86	3.13	2.44	2.57	2.00
Standard deviation		.99	.94	.96	.95	1.06	.77	1.17	1.07	.99	1.04	.85	-
Standard error		.07	.16	.17	.15	.12	.19	.37	.40	.35	.21	.23	-

Columns Tested: a,b,c,d - e,f,g,h,i,j,k

J303044 MC2 Board Directors Survey

Q13_2. Thinking overall about cybersecurity, to what extent do you agree or disagree with each of the following statements?

Cybersecurity is a lower risk to our organisation than market volatility at the moment

Base: All Board Directors at Companies with 500+ Employees

		SECTOR									
		Information & communication	Finance & insurance	Property	Professional, scientific & technical	Business administration and support services	Public administration and defence	Education	Health	Arts, entertainment, recreation and other services	
Total		*a	*b	*c	*d	*e	*f	*g	*h	*i	
Significance Level: 95%											
Total		200	23	29	4	26	11	10	8	5	1
		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Strongly agree	(4.0)	33	6	4	-	4	1	-	1	-	-
		17%	26%	14%	-	15%	9%	-	13%	-	-
Tend to agree	(3.0)	66	6	15	3	10	3	2	4	1	-
		33%	26%	52%	75%	38%	27%	20%	50%	20%	-
Tend to disagree	(2.0)	58	3	6	-	5	3	3	2	3	1
		29%	13%	21%	-	19%	27%	30%	25%	60%	100%
Strongly disagree	(1.0)	38	7	3	1	6	3	5	1	1	-
		19%	30%	10%	25%	23%	27%	50%	13%	20%	-
Don't know		5	1	1	-	1	1	-	-	-	-
		3%	4%	3%	-	4%	9%	-	-	-	-
NETS											
Net: Agree		99	12	19	3	14	4	2	5	1	-
		50%	52%	66%	75%	54%	36%	20%	63%	20%	-
Net: Disagree		96	10	9	1	11	6	8	3	4	1
		48%	43%	31%	25%	42%	55%	80%	38%	80%	100%
Mean score		2.48	2.50	2.71	2.50	2.48	2.20	1.70	2.63	2.00	2.00
Standard deviation		.99	1.22	.85	1.00	1.05	1.03	.82	.92	.71	-
Standard error		.07	.26	.16	.50	.21	.33	.26	.32	.32	-

Columns Tested: a,b,c,d,e,f,g,h,i

J303044 MC2 Board Directors Survey

Q13_3. Thinking overall about cybersecurity, to what extent do you agree or disagree with each of the following statements?

Cybersecurity is a lower risk to our organisation than health and safety issues at the moment

Base: All Board Directors at Companies with 500+ Employees

			ROLE			LENGTH OF EMPLOYMENT					NUMBER OF EMPLOYEES		DOES ORGANISATION HAVE A CYBER SECURITY STRATEGY?			TRUST IN NCC	
		Total	Owner/ principal	Executive board member/ director/ partner	Non-executive board member/ director	Less than six months	Six months – 1 year	1 year – 3 years	3 years – 5 years	5 years+	500-999	1000+	Yes	No	Don't know	Trust	Do not trust
Significance Level: 95%			*a	b	*c	*d	*e	*f	g	h	i	j	k	*l	*m	n	*o
Total		200 100%	15 100%	164 100%	21 100%	4 100%	4 100%	27 100%	64 100%	101 100%	58 100%	142 100%	186 100%	11 100%	3 100%	107 100%	24 100%
Strongly agree		(4.0) 28 14%	3 20%	21 13%	4 19%	- -	1 25%	4 15%	11 17%	12 12%	10 17%	18 13%	27 15%	1 9%	- -	19 18%	3 13%
Tend to agree		(3.0) 66 33%	3 20%	56 34%	7 33%	1 25%	- -	8 30%	23 36%	34 34%	22 38%	44 31%	60 32%	5 45%	1 33%	39 36%	8 33%
Tend to disagree		(2.0) 58 29%	5 33%	47 29%	6 29%	2 50%	- -	10 37%	17 27%	29 29%	16 28%	42 30%	54 29%	2 18%	2 67%	24 22%	5 21%
Strongly disagree		(1.0) 40 20%	3 20%	34 21%	3 14%	- -	1 25%	5 19%	13 20%	21 21%	7 12%	33 23%	40 22%	- -	- -	22 21%	7 29%
Don't know		8 4%	1 7%	6 4%	1 5%	1 25%	2 50%	- -	- -	5 5%	3 5%	5 4%	5 3%	3 27%	- -	3 3%	1 4%
NETS																	
Net: Agree		94 47%	6 40%	77 47%	11 52%	1 25%	1 25%	12 44%	34 53%	46 46%	32 55%	62 44%	87 47%	6 55%	1 33%	58 54%	11 46%
Net: Disagree		98 49%	8 53%	81 49%	9 43%	2 50%	1 25%	15 56%	30 47%	50 50%	23 40%	75 53%	94 51%	2 18%	2 67%	46 43%	12 50%
Mean score		2.43	2.43	2.41	2.60	2.33	2.50	2.41	2.50	2.39	2.64	2.34	2.41	2.88	2.33	2.53	2.30
Standard deviation		.98	1.09	.97	.99	.58	2.12	.97	1.01	.97	.93	.99	.99	.64	.58	1.02	1.06
Standard error		.07	.29	.08	.22	.33	1.50	.19	.13	.10	.13	.08	.07	.23	.33	.10	.22

Columns Tested: a,b,c - d,e,f,g,h - i,j - k,l,m - n,o

J303044 MC2 Board Directors Survey

Q13_3. Thinking overall about cybersecurity, to what extent do you agree or disagree with each of the following statements?

Cybersecurity is a lower risk to our organisation than health and safety issues at the moment

Base: All Board Directors at Companies with 500+ Employees

			ANNUAL TURNOVER				SECTOR						
		Total	£10,000,000 – 19,999,999	£20,000,000 - £49,999,999	£50,000,000 - £99,999,999	£100,000,000+	Production	Construction	Motor trades	Wholesale	Retail	Transport & storage (inc. postal)	Accommodation & food services
Significance Level: 95%			a	b	c	d	*e	*f	*g	*h	*i	*j	*k
Total		200 100%	33 100%	34 100%	41 100%	85 100%	18 100%	10 100%	7 100%	8 100%	25 100%	14 100%	1 100%
Strongly agree	(4.0)	28 14%	9 27% d	6 18%	4 10%	7 8%	2 11%	2 20%	2 29%	1 13%	2 8%	3 21%	- -
Tend to agree	(3.0)	66 33%	13 39%	12 35%	11 27%	29 34%	7 39%	2 20%	1 14%	3 38%	7 28%	5 36%	1 100%
Tend to disagree	(2.0)	58 29%	6 18%	12 35%	16 39%	22 26%	7 39%	3 30%	2 29%	1 13%	9 36%	4 29%	- -
Strongly disagree	(1.0)	40 20%	5 15%	3 9%	10 24%	22 26% b	1 6%	2 20%	2 29%	3 38%	5 20%	2 14%	- -
Don't know		8 4%	- -	1 3%	- -	5 6%	1 6%	1 10%	- -	- -	2 8%	- -	- -
NETS													
Net: Agree		94 47%	22 67% cd	18 53%	15 37%	36 42%	9 50%	4 40%	3 43%	4 50%	9 36%	8 57%	1 100%
Net: Disagree		98 49%	11 33%	15 44%	26 63% a	44 52%	8 44%	5 50%	4 57%	4 50%	14 56%	6 43%	- -
Mean score		2.43	2.79 cd	2.64	2.22	2.26	2.59	2.44	2.43	2.25	2.26	2.64	3.00
Standard deviation		.98	1.02	.90	.94	.96	.80	1.13	1.27	1.16	.92	1.01	-
Standard error		.07	.18	.16	.15	.11	.19	.38	.48	.41	.19	.27	-

Columns Tested: a,b,c,d - e,f,g,h,i,j,k

J303044 MC2 Board Directors Survey

Q13_3. Thinking overall about cybersecurity, to what extent do you agree or disagree with each of the following statements?

Cybersecurity is a lower risk to our organisation than health and safety issues at the moment

Base: All Board Directors at Companies with 500+ Employees

		SECTOR									
		Information & communication	Finance & insurance	Property	Professional, scientific & technical	Business administration and support services	Public administration and defence	Education	Health	Arts, entertainment, recreation and other services	
Significance Level: 95%		Total	*a	*b	*c	*d	*e	*f	*g	*h	*i
Total		200 100%	23 100%	29 100%	4 100%	26 100%	11 100%	10 100%	8 100%	5 100%	1 100%
Strongly agree	(4.0)	28 14%	5 22%	3 10%	- -	5 19%	2 18%	- -	1 13%	- -	- -
Tend to agree	(3.0)	66 33%	5 22%	14 48%	2 50%	8 31%	2 18%	3 30%	4 50%	1 20%	1 100%
Tend to disagree	(2.0)	58 29%	10 43%	5 17%	2 50%	6 23%	3 27%	3 30%	1 13%	2 40%	- -
Strongly disagree	(1.0)	40 20%	3 13%	6 21%	- -	6 23%	3 27%	4 40%	2 25%	1 20%	- -
Don't know		8 4%	- -	1 3%	- -	1 4%	1 9%	- -	- -	1 20%	- -
NETS											
Net: Agree		94 47%	10 43%	17 59%	2 50%	13 50%	4 36%	3 30%	5 63%	1 20%	1 100%
Net: Disagree		98 49%	13 57%	11 38%	2 50%	12 46%	6 55%	7 70%	3 38%	3 60%	- -
Mean score		2.43	2.52	2.50	2.50	2.48	2.30	1.90	2.50	2.00	3.00
Standard deviation		.98	.99	.96	.58	1.08	1.16	.88	1.07	.82	-
Standard error		.07	.21	.18	.29	.22	.37	.28	.38	.41	-

Columns Tested: a,b,c,d,e,f,g,h,i

J303044 MC2 Board Directors Survey

Q13_4. Thinking overall about cybersecurity, to what extent do you agree or disagree with each of the following statements?

Our organisation is sufficiently prepared to deal with cybersecurity threats

Base: All Board Directors at Companies with 500+ Employees

			ROLE			LENGTH OF EMPLOYMENT					NUMBER OF EMPLOYEES		DOES ORGANISATION HAVE A CYBER SECURITY STRATEGY?			TRUST IN NCC	
		Total	Owner/ principal	Executive board member/ director/ partner	Non-executive board member/ director	Less than six months	Six months – 1 year	1 year – 3 years	3 years – 5 years	5 years+	500-999	1000+	Yes	No	Don't know	Trust	Do not trust
Significance Level: 95%			*a	b	*c	*d	*e	*f	g	h	i	j	k	*l	*m	n	*o
Total		200 100%	15 100%	164 100%	21 100%	4 100%	4 100%	27 100%	64 100%	101 100%	58 100%	142 100%	186 100%	11 100%	3 100%	107 100%	24 100%
Strongly agree	(4.0)	69 35%	9 60%	55 34%	5 24%	- -	- -	8 30%	26 41%	35 35%	20 34%	49 35%	66 35%	3 27%	- -	42 39%	8 33%
Tend to agree	(3.0)	97 49%	5 33%	81 49%	11 52%	3 75%	2 50%	12 44%	29 45%	51 50%	30 52%	67 47%	94 51%	3 27%	- -	55 51%	12 50%
Tend to disagree	(2.0)	26 13%	- -	22 13%	4 19%	1 25%	1 25%	6 22%	8 13%	10 10%	7 12%	19 13%	19 10%	4 36%	3 100%	8 7%	4 17%
Strongly disagree	(1.0)	3 2%	- -	3 2%	- -	- -	1 25%	1 4%	- -	1 1%	1 2%	2 1%	2 1%	1 9%	- -	- -	- -
Don't know		5 3%	1 7%	3 2%	1 5%	- -	- -	- -	1 2%	4 4%	- -	5 4%	5 3%	- -	- -	2 2%	- -
NETS																	
Net: Agree		166 83%	14 93%	136 83%	16 76%	3 75%	2 50%	20 74%	55 86%	86 85%	50 86%	116 82%	160 86%	6 55%	- -	97 91%	20 83%
Net: Disagree		29 15%	- -	25 15%	4 19%	1 25%	2 50%	7 26%	8 13%	11 11%	8 14%	21 15%	21 11%	5 45%	3 100%	8 7%	4 17%
Mean score		3.19	3.64	3.17	3.05	2.75	2.25	3.00	3.29	3.24	3.19	3.19	3.24	2.73	2.00	3.32	3.17
Standard deviation		.72	.50	.73	.69	.50	.96	.83	.68	.67	.71	.72	.68	1.01	-	.61	.70
Standard error		.05	.13	.06	.15	.25	.48	.16	.09	.07	.09	.06	.05	.30	-	.06	.14

Columns Tested: a,b,c - d,e,f,g,h - i,j - k,l,m - n,o

J303044 MC2 Board Directors Survey

Q13_4. Thinking overall about cybersecurity, to what extent do you agree or disagree with each of the following statements?

Our organisation is sufficiently prepared to deal with cybersecurity threats

Base: All Board Directors at Companies with 500+ Employees

			ANNUAL TURNOVER				SECTOR						
		Total	£10,000,000 – 19,999,999	£20,000,000 - £49,999,999	£50,000,000 - £99,999,999	£100,000,000+	Production	Construction	Motor trades	Wholesale	Retail	Transport & storage (inc. postal)	Accommodation & food services
Significance Level: 95%			a	b	c	d	*e	*f	*g	*h	*i	*j	*k
Total		200 100%	33 100%	34 100%	41 100%	85 100%	18 100%	10 100%	7 100%	8 100%	25 100%	14 100%	1 100%
Strongly agree	(4.0)	69 35%	12 36%	9 26%	14 34%	31 36%	6 33%	5 50%	2 29%	4 50%	7 28%	6 43%	- -
Tend to agree	(3.0)	97 49%	16 48%	19 56%	19 46%	41 48%	8 44%	4 40%	5 71%	3 38%	10 40%	6 43%	1 100%
Tend to disagree	(2.0)	26 13%	5 15%	5 15%	5 12%	9 11%	4 22%	1 10%	- -	1 13%	4 16%	2 14%	- -
Strongly disagree	(1.0)	3 2%	- -	1 3%	- -	2 2%	- -	- -	- -	- -	3 12%	- -	- -
Don't know		5 3%	- -	- -	3 7%	2 2%	- -	- -	- -	- -	1 4%	- -	- -
NETS													
Net: Agree		166 83%	28 85%	28 82%	33 80%	72 85%	14 78%	9 90%	7 100%	7 88%	17 68%	12 86%	1 100%
Net: Disagree		29 15%	5 15%	6 18%	5 12%	11 13%	4 22%	1 10%	- -	1 13%	7 28%	2 14%	- -
Mean score		3.19	3.21	3.06	3.24	3.22	3.11	3.40	3.29	3.38	2.88	3.29	3.00
Standard deviation		.72	.70	.74	.68	.73	.76	.70	.49	.74	.99	.73	-
Standard error		.05	.12	.13	.11	.08	.18	.22	.18	.26	.20	.19	-

Columns Tested: a,b,c,d - e,f,g,h,i,j,k

J303044 MC2 Board Directors Survey

Q13_4. Thinking overall about cybersecurity, to what extent do you agree or disagree with each of the following statements?

Our organisation is sufficiently prepared to deal with cybersecurity threats

Base: All Board Directors at Companies with 500+ Employees

		SECTOR									
		Information & communication	Finance & insurance	Property	Professional, scientific & technical	Business administration and support services	Public administration and defence	Education	Health	Arts, entertainment, recreation and other services	
Significance Level: 95%		Total	*a	*b	*c	*d	*e	*f	*g	*h	*i
Total		200 100%	23 100%	29 100%	4 100%	26 100%	11 100%	10 100%	8 100%	5 100%	1 100%
Strongly agree	(4.0)	69 35%	8 35%	12 41%	- -	11 42%	2 18%	4 40%	1 13%	- -	1 100%
Tend to agree	(3.0)	97 49%	13 57%	13 45%	4 100%	11 42%	6 55%	6 60%	4 50%	3 60%	- -
Tend to disagree	(2.0)	26 13%	2 9%	3 10%	- -	3 12%	2 18%	- -	2 25%	2 40%	- -
Strongly disagree	(1.0)	3 2%	- -	- -	- -	- -	- -	- -	- -	- -	- -
Don't know		5 3%	- -	1 3%	- -	1 4%	1 9%	- -	1 13%	- -	- -
NETS											
Net: Agree		166 83%	21 91%	25 86%	4 100%	22 85%	8 73%	10 100%	5 63%	3 60%	1 100%
Net: Disagree		29 15%	2 9%	3 10%	- -	3 12%	2 18%	- -	2 25%	2 40%	- -
Mean score		3.19	3.26	3.32	3.00	3.32	3.00	3.40	2.86	2.60	4.00
Standard deviation		.72	.62	.67	-	.69	.67	.52	.69	.55	-
Standard error		.05	.13	.13	-	.14	.21	.16	.26	.24	-

Columns Tested: a,b,c,d,e,f,g,h,i

J303044 MC2 Board Directors Survey

Q13_5. Thinking overall about cybersecurity, to what extent do you agree or disagree with each of the following statements?

Companies should be penalised for failing to meet basic cybersecurity requirements

Base: All Board Directors at Companies with 500+ Employees

		ROLE			LENGTH OF EMPLOYMENT					NUMBER OF EMPLOYEES		DOES ORGANISATION HAVE A CYBER SECURITY STRATEGY?			TRUST IN NCC	
	Total	Owner/ principal	Executive board member/ director/ partner	Non-executive board member/ director	Less than six months	Six months – 1 year	1 year – 3 years	3 years – 5 years	5 years+	500-999	1000+	Yes	No	Don't know	Trust	Do not trust
Significance Level: 95%		*a	b	*c	*d	*e	*f	g	h	i	j	k	*l	*m	n	*o
Total	200 100%	15 100%	164 100%	21 100%	4 100%	4 100%	27 100%	64 100%	101 100%	58 100%	142 100%	186 100%	11 100%	3 100%	107 100%	24 100%
Strongly agree (4.0)	59 30%	5 33%	51 31%	3 14%	- -	- -	9 33%	18 28%	32 32%	15 26%	44 31%	59 32%	- -	- -	40 37%	8 33%
Tend to agree (3.0)	83 42%	8 53%	61 37%	14 67%	1 25%	3 75%	9 33%	30 47%	40 40%	27 47%	56 39%	76 41%	6 55%	1 33%	40 37%	6 25%
Tend to disagree (2.0)	41 21%	2 13%	37 23%	2 10%	1 25%	1 25%	7 26%	12 19%	20 20%	12 21%	29 20%	37 20%	3 27%	1 33%	21 20%	9 38%
Strongly disagree (1.0)	12 6%	- -	11 7%	1 5%	2 50%	- -	1 4%	3 5%	6 6%	3 5%	9 6%	9 5%	2 18%	1 33%	6 6%	1 4%
Don't know	5 3%	- -	4 2%	1 5%	- -	- -	1 4%	1 2%	3 3%	1 2%	4 3%	5 3%	- -	- -	- -	- -
NETS																
Net: Agree	142 71%	13 87%	112 68%	17 81%	1 25%	3 75%	18 67%	48 75%	72 71%	42 72%	100 70%	135 73%	6 55%	1 33%	80 75%	14 58%
Net: Disagree	53 27%	2 13%	48 29%	3 14%	3 75%	1 25%	8 30%	15 23%	26 26%	15 26%	38 27%	46 25%	5 45%	2 67%	27 25%	10 42%
Mean score	2.97	3.20	2.95	2.95	1.75	2.75	3.00	3.00	3.00	2.95	2.98	3.02	2.36	2.00	3.07	2.88
Standard deviation	.87	.68	.91	.69	.96	.50	.89	.82	.89	.83	.89	.86	.81	1.00	.89	.95
Standard error	.06	.17	.07	.15	.48	.25	.18	.10	.09	.11	.08	.06	.24	.58	.09	.19

Columns Tested: a,b,c - d,e,f,g,h - i,j - k,l,m - n,o

J303044 MC2 Board Directors Survey

Q13_5. Thinking overall about cybersecurity, to what extent do you agree or disagree with each of the following statements?

Companies should be penalised for failing to meet basic cybersecurity requirements

Base: All Board Directors at Companies with 500+ Employees

		ANNUAL TURNOVER				SECTOR							
		Total	£10,000,000 – 19,999,999	£20,000,000 - £49,999,999	£50,000,000 - £99,999,999	£100,000,000+	Production	Construction	Motor trades	Wholesale	Retail	Transport & storage (inc. postal)	Accommodation & food services
Significance Level: 95%			a	b	c	d	*e	*f	*g	*h	*i	*j	*k
Total		200 100%	33 100%	34 100%	41 100%	85 100%	18 100%	10 100%	7 100%	8 100%	25 100%	14 100%	1 100%
Strongly agree	(4.0)	59 30%	11 33%	13 38%	12 29%	22 26%	3 17%	4 40%	- -	3 38%	8 32%	4 29%	- -
Tend to agree	(3.0)	83 42%	13 39%	11 32%	15 37%	39 46%	5 28%	2 20%	3 43%	2 25%	10 40%	6 43%	- -
Tend to disagree	(2.0)	41 21%	8 24%	8 24%	10 24%	14 16%	4 22%	4 40%	3 43%	2 25%	5 20%	4 29%	1 100%
Strongly disagree	(1.0)	12 6%	- -	1 3%	2 5%	9 11%	6 33%	- -	1 14%	1 13%	- -	- -	- -
Don't know		5 3%	1 3%	1 3%	2 5%	1 1%	- -	- -	- -	- -	2 8%	- -	- -
NETS													
Net: Agree		142 71%	24 73%	24 71%	27 66%	61 72%	8 44%	6 60%	3 43%	5 63%	18 72%	10 71%	- -
Net: Disagree		53 27%	8 24%	9 26%	12 29%	23 27%	10 56%	4 40%	4 57%	3 38%	5 20%	4 29%	1 100%
Mean score		2.97	3.09	3.09	2.95	2.88	2.28	3.00	2.29	2.88	3.13	3.00	2.00
Standard deviation		.87	.78	.88	.89	.92	1.13	.94	.76	1.13	.76	.78	-
Standard error		.06	.14	.15	.14	.10	.27	.30	.29	.40	.16	.21	-

Columns Tested: a,b,c,d - e,f,g,h,i,j,k

J303044 MC2 Board Directors Survey

Q13_5. Thinking overall about cybersecurity, to what extent do you agree or disagree with each of the following statements?

Companies should be penalised for failing to meet basic cybersecurity requirements

Base: All Board Directors at Companies with 500+ Employees

		SECTOR									
		Total	Information & communication	Finance & insurance	Property	Professional, scientific & technical	Business administration and support services	Public administration and defence	Education	Health	Arts, entertainment, recreation and other services
Significance Level: 95%			*a	*b	*c	*d	*e	*f	*g	*h	*i
Total		200	23	29	4	26	11	10	8	5	1
		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Strongly agree	(4.0)	59	11	11	-	5	2	4	3	1	-
		30%	48%	38%	-	19%	18%	40%	38%	20%	-
Tend to agree	(3.0)	83	9	11	1	16	6	3	4	4	1
		42%	39%	38%	25%	62%	55%	30%	50%	80%	100%
Tend to disagree	(2.0)	41	3	5	2	4	2	1	1	-	-
		21%	13%	17%	50%	15%	18%	10%	13%	-	-
Strongly disagree	(1.0)	12	-	1	-	1	-	2	-	-	-
		6%	-	3%	-	4%	-	20%	-	-	-
Don't know		5	-	1	1	-	1	-	-	-	-
		3%	-	3%	25%	-	9%	-	-	-	-
NETS											
Net: Agree		142	20	22	1	21	8	7	7	5	1
		71%	87%	76%	25%	81%	73%	70%	88%	100%	100%
Net: Disagree		53	3	6	2	5	2	3	1	-	-
		27%	13%	21%	50%	19%	18%	30%	13%	-	-
Mean score		2.97	3.35	3.14	2.33	2.96	3.00	2.90	3.25	3.20	3.00
Standard deviation		.87	.71	.85	.58	.72	.67	1.20	.71	.45	-
Standard error		.06	.15	.16	.33	.14	.21	.38	.25	.20	-

Columns Tested: a,b,c,d,e,f,g,h,i

J303044 MC2 Board Directors Survey

Q13_6. Thinking overall about cybersecurity, to what extent do you agree or disagree with each of the following statements?

Regulators should take a tougher stance against companies that are found to have insufficient cyber security defences

Base: All Board Directors at Companies with 500+ Employees

		ROLE			LENGTH OF EMPLOYMENT					NUMBER OF EMPLOYEES		DOES ORGANISATION HAVE A CYBER SECURITY STRATEGY?			TRUST IN NCC	
	Total	Owner/ principal	Executive board member/ director/ partner	Non-executive board member/ director	Less than six months	Six months – 1 year	1 year – 3 years	3 years – 5 years	5 years+	500-999	1000+	Yes	No	Don't know	Trust	Do not trust
Significance Level: 95%		*a	b	*c	*d	*e	*f	g	h	i	j	k	*l	*m	n	*o
Total	200 100%	15 100%	164 100%	21 100%	4 100%	4 100%	27 100%	64 100%	101 100%	58 100%	142 100%	186 100%	11 100%	3 100%	107 100%	24 100%
Strongly agree (4.0)	65 33%	6 40%	54 33%	5 24%	2 50%	- -	9 33%	19 30%	35 35%	17 29%	48 34%	62 33%	3 27%	- -	38 36%	9 38%
Tend to agree (3.0)	88 44%	9 60%	66 40%	13 62%	1 25%	1 25%	11 41%	34 53%	41 41%	27 47%	61 43%	81 44%	5 45%	2 67%	45 42%	7 29%
Tend to disagree (2.0)	40 20%	- -	37 23%	3 14%	1 25%	3 75%	6 22%	9 14%	21 21%	13 22%	27 19%	36 19%	3 27%	1 33%	21 20%	7 29%
Strongly disagree (1.0)	4 2%	- -	4 2%	- -	- -	- -	1 4%	1 2%	2 2%	1 2%	3 2%	4 2%	- -	- -	2 2%	1 4%
Don't know	3 2%	- -	3 2%	- -	- -	- -	- -	1 2%	2 2%	- -	3 2%	3 2%	- -	- -	1 1%	- -
NETS																
Net: Agree	153 77%	15 100%	120 73%	18 86%	3 75%	1 25%	20 74%	53 83%	76 75%	44 76%	109 77%	143 77%	8 73%	2 67%	83 78%	16 67%
Net: Disagree	44 22%	- -	41 25%	3 14%	1 25%	3 75%	7 26%	10 16%	23 23%	14 24%	30 21%	40 22%	3 27%	1 33%	23 21%	8 33%
Mean score	3.09	3.40	3.06	3.10	3.25	2.25	3.04	3.13	3.10	3.03	3.11	3.10	3.00	2.67	3.12	3.00
Standard deviation	.78	.51	.82	.62	.96	.50	.85	.71	.80	.77	.79	.79	.77	.58	.79	.93
Standard error	.06	.13	.06	.14	.48	.25	.16	.09	.08	.10	.07	.06	.23	.33	.08	.19

Columns Tested: a,b,c - d,e,f,g,h - i,j - k,l,m - n,o

J303044 MC2 Board Directors Survey

Q13_6. Thinking overall about cybersecurity, to what extent do you agree or disagree with each of the following statements?

Regulators should take a tougher stance against companies that are found to have insufficient cyber security defences

Base: All Board Directors at Companies with 500+ Employees

			ANNUAL TURNOVER				SECTOR						
		Total	£10,000,000 – 19,999,999	£20,000,000 - £49,999,999	£50,000,000 - £99,999,999	£100,000,000+	Production	Construction	Motor trades	Wholesale	Retail	Transport & storage (inc. postal)	Accommodation & food services
Significance Level: 95%			a	b	c	d	*e	*f	*g	*h	*i	*j	*k
Total		200 100%	33 100%	34 100%	41 100%	85 100%	18 100%	10 100%	7 100%	8 100%	25 100%	14 100%	1 100%
Strongly agree	(4.0)	65 33%	10 30%	15 44%	11 27%	27 32%	3 17%	3 30%	- -	3 38%	8 32%	4 29%	- -
Tend to agree	(3.0)	88 44%	16 48%	14 41%	16 39%	38 45%	9 50%	4 40%	5 71%	3 38%	10 40%	6 43%	- -
Tend to disagree	(2.0)	40 20%	7 21%	5 15%	13 32%	14 16%	5 28%	3 30%	1 14%	2 25%	6 24%	4 29%	1 100%
Strongly disagree	(1.0)	4 2%	- -	- -	- -	4 5%	1 6%	- -	1 14%	- -	- -	- -	- -
Don't know		3 2%	- -	- -	1 2%	2 2%	- -	- -	- -	- -	1 4%	- -	- -
NETS													
Net: Agree		153 77%	26 79%	29 85%	27 66%	65 76%	12 67%	7 70%	5 71%	6 75%	18 72%	10 71%	- -
Net: Disagree		44 22%	7 21%	5 15%	13 32%	18 21%	6 33%	3 30%	2 29%	2 25%	6 24%	4 29%	1 100%
Mean score		3.09	3.09	3.29	2.95	3.06	2.78	3.00	2.57	3.13	3.08	3.00	2.00
Standard deviation		.78	.72	.72	.78	.83	.81	.82	.79	.83	.78	.78	-
Standard error		.06	.13	.12	.12	.09	.19	.26	.30	.30	.16	.21	-

Columns Tested: a,b,c,d - e,f,g,h,i,j,k

J303044 MC2 Board Directors Survey

Q13_6. Thinking overall about cybersecurity, to what extent do you agree or disagree with each of the following statements?

Regulators should take a tougher stance against companies that are found to have insufficient cyber security defences

Base: All Board Directors at Companies with 500+ Employees

	SECTOR									
	Information & communication	Finance & insurance	Property	Professional, scientific & technical	Business administration and support services	Public administration and defence	Education	Health	Arts, entertainment, recreation and other services	
Total	*a	*b	*c	*d	*e	*f	*g	*h	*i	
200 100%	23 100%	29 100%	4 100%	26 100%	11 100%	10 100%	8 100%	5 100%	1 100%	
65 33%	10 43%	8 28%	- -	12 46%	3 27%	7 70%	3 38%	1 20%	- -	
88 44%	11 48%	13 45%	3 75%	11 42%	7 64%	1 10%	3 38%	2 40%	- -	
40 20%	1 4%	5 17%	1 25%	3 12%	1 9%	2 20%	2 25%	2 40%	1 100%	
4 2%	- -	2 7%	- -	- -	- -	- -	- -	- -	- -	
3 2%	1 4%	1 3%	- -	- -	- -	- -	- -	- -	- -	
153 77%	21 91%	21 72%	3 75%	23 88%	10 91%	8 80%	6 75%	3 60%	- -	
44 22%	1 4%	7 24%	1 25%	3 12%	1 9%	2 20%	2 25%	2 40%	1 100%	
3.09 .78 .06	3.41 .59 .13	2.96 .88 .17	2.75 .50 .25	3.35 .69 .14	3.18 .60 .18	3.50 .85 .27	3.13 .83 .30	2.80 .84 .37	2.00 - -	

Columns Tested: a,b,c,d,e,f,g,h,i