

Date: **9 May 2019**

Our reference: **FOIRQ5085**

Dear Sir/Madam,

Thank you for your request for information processed under the Freedom of Information Act 2000. Please see our response to your request below:

Your Request and Our Response (in bold)

*I would like to request answers to the below questions under the Freedom of Information Act 2000. The questions concern cybersecurity within your IT environment. **Please see our responses to your following request for information:***

1. *Are you aware of the Minimum Cyber Security Standard, published 25th June 2018?*

- a. **Yes - Yes**
- b. **No**

2. *What is your annual dedicated budget for cybersecurity (including personnel and technology)? **Please see our response highlighted below:***

- a. £10,000 or less
- b. £10,001 - £50,000
- c. £50,001 - £100,000
- d. £100,001 - £500,000
- e. **£500,001 - £1,000,000**
- f. £1,000,001 - £5,000,000
- g. £5,000,001 - £10,000,000
- h. £10,000,001 or more

3. *Approximately how many cyber-attacks (of any kind) have you experienced in your organisation in these 12-month periods? We have placed a cross in the relevant **We have responded with a cross for each calendar years requested below:***

	None	1- 50	50 -100	100-200	200-500	500-1000	1000+
<i>1st January 2017 – 31st December 2017</i>		X					
<i>1st January 2018 – 31st December 2018</i>		X					

4. Which of the following attack / cybersecurity threat types have been detected by your organisation? [Select all that apply] **Please see our response highlighted below:**

- a. Hacking
- b. Phishing**
- c. Malware**
- d. Ransomware**
- e. Accidental/careless insider threat
- f. Malicious insider threat
- g. Foreign governments
- h. Crypto mining
- i. Other, please specify: _____

5. Which of the following form part of your cybersecurity defence technology strategy? [Select all that apply] **Please see our note below****

- a. Firewall
- b. Antivirus software
- c. Network device monitoring
- d. DNS filtering
- e. Malware protection
- f. Log management
- g. Network configuration management
- h. Patch management
- i. Network traffic analysis
- j. Multi-factor authentication
- k. Network perimeter security solutions
- l. Employee training (whole organisation)
- m. Employee training (IT team)
- n. Other, please specify: _____

Please note: **The Trust is withholding information with a view that disclosure of how we carry out cyber security across the Trust could potentially place the Trust at risk of cyber security by hackers or any other party. We have therefore carried a public interest test to demonstrate our considerations under Section 31 (Law Enforcement) under the Freedom of Information Act 2000.

In recent years NHS Trusts have been subjected to various cyber security and ransom attacks; which continues to be the case on a daily basis. The most notably and publicised is the “Winery “attack.

The Trust therefore makes Cyber Security and Data Security the number one ICT priority following the manufacturer, security, and NHS recommendations and Guidelines. The Trust ensures it has the tightest governance control. We are constantly updating and upgrading to the latest security recommendations; which are regularly reviewed and tested by independent security experts to ensure that, not only is our infrastructure secure, but ensured we are using and following the correct processes and policies at all times.

The Trust is of the view that, if we were to disclose information on the strategies used for cyber security, it could potentially be used against the Trust; or could place the Trust at greater risk of a cyber-attack. Section 31(1)(a) has been applied to withhold the information the trust believes that disclosure would, or would be likely to prejudice the prevention or detection of crime regarding the maintenance of our security strategies and procedures could be potentially threatened. Your request is refused under Section 31(1)(a) of the Freedom of Information Act 2000.

6. Which of these obstacles has your organisation experienced in maintaining or improving IT security? [Select all that apply] **Please see our response highlighted below:**

- a. **Competing priorities and other initiatives**
- b. **Budget constraints**
- c. *Lack of manpower*
- d. *Lack of technical solutions available at my agency*
- e. *Complexity of internal environment*

- f. *Lack of training for personnel*
- g. *Inadequate collaboration with other internal teams or departments*
- h. *Other, please specify: _____*

Please note:

The information provided under the Freedom of Information Act 2000 is the information held on the date the request was received by the Trust.

I trust the information provided is sufficient and helps to answer any concerns, questions or issues you may have.

If you should have any further queries related to this request, please do not hesitate to contact the FOI Team. Please ensure that the above reference number is quoted on any correspondence.

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Yours sincerely

Freedom of Information team

Great Ormond Street Hospital for Children NHS Foundation Trust

Email: foiteam@gosh.nhs.uk

[Enclosed – Your rights – see next page]

Your Rights

If you are not dissatisfied with the response you have received to your request for information, please contact the FOI team and quote your reference number on all correspondence relating to your request.

You can also write to the Head of Quality & Safety at the following address:

Quality & Safety team
Great Ormond Street Hospital
LONDON
WC1N 3JH

If you are still not satisfied with your response, you also have the right to appeal to the Information Commissioner.

You can contact the Information Commissioner's Office at the following address:

Information Commissioner's Office
Wycliffe House
Water Lane
Wilmslow
Cheshire
SK9 5AF