Liverpool Heart and Chest Hospital NHS
NHS Foundation Trust

Reference Number: FOI/2020/328
From: Private Individual

Date: 12 November 2020

Subject: All cyber-attacks (both failed and successful) in each year since 2015

Q1 A list of all cyber-attacks (both failed and successful) on NHS hospitals falling under your remit, in each year since 2015 (including broader cyber-attacks which include these hospitals).

A1 Information exempt under Section 21 of the Freedom of Information Act 2000 - 'Information reasonably accessible to the applicant by other means'.

This information is available on our website, it can be found in our Annual Reports and Accounts:
http://www.lhch.nhs.uk/about-lhch/performance-plans-and-publications/annual-reports-and-accounts/

Q2 Where possible, please could you split the data as follows:

- Ideally, I am requesting only those cyber-attacks identified as or suspected of a) coming from a source within Russia or China; or b) emanating from any individual(s) or group(s) known to have, or suspected of having, links to the Russian or Chinese state. In each instance, please could you make clear which country the attack relates to.
- If this is not possible, please could you make clear whether an attack is thought to have come from inside/outside the UK.

Q3 In each instance, I am also requesting the following information:

- The severity of the attack, where it has been noted (e.g. low, medium, high).
- The outcome of successful attacks. For example: were documents stolen (and how many)? Was confidential data stolen (and how much)? Were any operations or other NHS processes cancelled or delayed as a result (and how many)?
- The cost to the NHS, where that cost is easily deductible/accessible. This could include but is not limited to a) delayed or cancelled operations, lost data, etc.; b) the security/staffing cost of defending against an attack; c) any consequent legal costs e.g. lawsuits filed successfully against the NHS as a result of personal data theft. If this part of the request is unduly onerous, please disregard.

A2-3 Information exempt under s31 – law enforcement, specifically section 31 (1) (a) relating to the prevention and detection of crime.

We have assessed the public interest in disclosure and believe the only factor for release would be openness and transparency, however the factors against release clearly outweigh this as release of the information would place the Trusts information systems and other related assets at risk of attack from hackers if released in to the public domain. This would have a major impact on the Trusts ability to maintain confidentiality, integrity and availability of systems and information and would severely disrupt services to our patients and would have a substantial impact on the Trusts

reputation therefore causing financial loss and would damage the Trusts commercial interests.