| Freedom of Information Request | FOI 21-370 | 23rd Septmeber 2021 |

I am writing to you under the Freedom of Information Act 2000 to request the following information from Aneurin Bevan Health Board. Please can you answer the following questions:

1. **In the past three years has your organisation:**
   a. **Had any ransomware incidents? (An incident where an attacker attempted to, or successfully, encrypted a computing device within your organisation with the aim of extorting a payment or action in order to decrypt the device?)**
      i. **If yes, how many?**
   b. **Had any data rendered permanently inaccessible by a ransomware incident (i.e. some data was not able to be restored from back up.)**
   c. **Had any data rendered permanently inaccessible by a systems or equipment failure (i.e. some data was not able to be restored from back up.)**
   d. **Paid a ransom due to a ransomware incident / to obtain a decryption key or tool?**
      i. **If yes was the decryption successful, with all files recovered?**
   e. **Used a free decryption key or tool (e.g. from https://www.nomoreransom.org/)?**
      i. **If yes was the decryption successful, with all files recovered?**
   f. **Had a formal policy on ransomware payment?**
      i. **If yes please provide, or link, to all versions relevant to the 3 year period.**

   g. **Held meetings where policy on paying ransomware was discussed?**
   h. **Paid consultancy fees for malware, ransomware, or system intrusion investigation**
      i. **If yes at what cost in each year?**
   i. **Used existing support contracts for malware, ransomware, or system intrusion investigation?**
   j. **Requested central government support for malware, ransomware, or system intrusion investigation?**
   k. **Paid for data recovery services?**
      i. **If yes at what cost in each year?**
   l. **Used existing contracts for data recovery services?**
   m. **Replaced IT infrastructure such as servers that have been compromised by malware**
      i. **If yes at what cost in each year?**

> **n.** **Replaced IT endpoints such as PCs, Laptops, Mobile devices that have been compromised by malware?**
> > **i.** **If yes at what cost in each year?**
> **o.** **Lost data due to portable electronic devices being mislaid, lost or destroyed?**
> > **i.** **If yes how many incidents in each year?**

I can confirm that the Health Board holds information that you have requested. However, the Health Board believes that releasing this detailed information creates a security risk and is likely to prejudice the prevention or detection of crime (section 31(1)(a)) so in this case we will not be providing it to you as it is exempt from disclosure.

In line with the terms of this exemption in the Freedom of Information Act, we have also considered whether it would be in the public interest for us to provide you with the information, despite the exemption being applicable. In this case, we have concluded that the public interest favours withholding the information.

2. **Does your organisation use a cloud based office suite system such as Google Workspace (Formerly G Suite) or Microsoft's Office 365?**
   Yes

   a. **If yes is this system's data independently backed up, separately from that platform's own tools?**
   The contract and system is run via Digital Health and Care Wales therefore further information will need to be requested via the following link Freedom of information - Digital Health and Care Wales (nhs.wales)

3. **Is an offsite data back-up a system in place for the following? (Offsite backup is the replication of the data to a server which is separated geographically from the system's normal operating location site.)**
   a. **Mobile devices such as phones and tablet computers**
   b. **Desktop and laptop computers**
   c. **Virtual desktops**
   d. **Servers on premise**
   e. **Co-located or hosted servers**
   f. **Cloud hosted servers**
   g. **Virtual machines**
   h. **Data in SaaS applications**
   i. **ERP/finance system**
   j. **We do not use any offsite back-up systems**
   Please refer to the response for Q1.

4. **Are the services in question 3 backed up by a single system or are multiple systems used?**
   Please refer to the response for Q1.

5. **Do you have a cloud migration strategy? If so is there specific budget allocated to this**
   The Health Board does not have a cloud migration strategy.

6. How many Software as a Services (SaaS) applications are in place within your organisation?
   <10%

a.   How many have been adopted since January 2020?
Approx. 20. The Health Board are only able to provide an estimated figure as departments and services procure their own applications and they are not recorded centrally.