

Executive Corridor
Darlington Memorial Hospital
Hollyhurst Road
Darlington
DL3 6HX
Switchboard Tel: 01325 38 0100

Request for Information Reference: 05.21.31

Email: cdda-tr.cddftfoi@nhs.net

Email only

10 June 2021

Freedom of Information Act 2000 – Request for Information

Thank you for submitting a request for information which we received on 12 May 2021 in relation to County Durham and Darlington NHS Foundation Trust (the Trust). Your request has been processed under the provisions of the Freedom of Information Act 2000 and I am now able to provide you with a response.

Your request was in relation to the and I am providing the following information in response to your specific questions:

We are exploring the use of hybrid cloud within public sector organisations in line with the Government Digital Service's (GDS) guidance on 'public sector use of the Public Cloud'. We would like to ascertain whether the cloud-first policy was fit for purpose and what challenges, if any, have arisen when outlining and implementing your cloud strategy.

- 1. Do you have a cloud strategy? (Please provide a link to the strategy)**
A) Yes
B) No

Yes, the Trust does have a cloud strategy, please see the attached document and the following link: <https://www.cddft.nhs.uk/quality-and-safety/health-informatics-strategy.aspx?style=normal>

- 2. When was the cloud strategy defined?**

2016

- 3. If yes, what is the focus of your cloud strategy?**
A) All in on public cloud (no private cloud or on-premise infrastructure)
B) Cloud First (new services in public cloud with some on premises infrastructure or private cloud)
C) Hybrid cloud (some combination of one or more public clouds, private cloud and on-premises)
D) Private cloud (no public cloud)

Hybrid cloud (some combination of one or more public clouds, private cloud and on-premises)

4. What public cloud(s) do you use?

- A) AWS
- B) Alibaba Cloud
- C) Azure
- D) Google Cloud Platform
- E) Oracle Cloud
- F) UK Cloud

None.

5. What percentage of your applications and/or workloads is on premise?

- A) 0%
- B) 10% - 25%
- C) 25% - 50%
- D) 50% - 75%
- E) 100%

D) 50% - 75%

6. What percentage of your applications and/or workloads is in the public cloud?

- A) 0%
- B) 10% - 25%
- C) 25% - 50%
- D) 50% - 75%
- E) 100%

B) 10% - 25%

7. What percentage of your data is on premise?

- A) 0%
- B) 10% - 25%
- C) 25% - 50%
- D) 50% - 75%
- E) 100%

D) 50% - 75%

8. What percentage of your data is in the public cloud?

- A) 0%
- B) 10% - 25%
- C) 25% - 50%
- D) 50% - 75%

E) 100%

B) 10% - 25%

9. What percentage of your infrastructure is legacy?

- A) 0%
- B) 10% - 25%
- C) 25% - 50%
- D) 50% - 75%
- E) 100%

D) 50% - 75%

10. Do you have third-party services or solutions on premise that are not cloud-ready or fit for cloud migration?

- A) Yes
- B) No

Yes.

11. What workloads or functions have you moved to the cloud? (Multiple answers. Please specify other if not listed)

- A) Office productivity (e.g. Microsoft 365, Google Workspace)
- B) Citizen-facing digital services (e.g. GOV.UK)
- C) Back-office applications (e.g. transaction processing)
- D) Artificial Intelligence, Machine Learning, cognitive services
- E) Software development/DevOps
- F) Corporate functions (e.g. HR, Finance, CRM)
- G) Intranet
- H) Public website
- I) Backup, business continuity and disaster recovery
- J) Other

- A) Office productivity (e.g. Microsoft 365, Google Workspace)
- B) Citizen-facing digital services (e.g. GOV.UK)
- C) Back-office applications (e.g. transaction processing)
- D) Artificial Intelligence, Machine Learning, cognitive services
- F) Corporate functions (e.g. HR, Finance, CRM)
- H) Public website

12. What challenges did you face when moving to the public cloud? (Multiple answers. Please specify other if not listed)

- A) Migrating certain applications
- B) Legacy infrastructure
- C) Different refresh cycles
- D) Difficulty proving cost illustrations

- E) Funding paths (Capex/Opex)**
- F) Data gravity**
- G) Data Classification**
- H) Licensing concerns**
- I) Data privacy concerns**
- J) Offshoring & data residency**
- K) Lack of in-house skills**
- L) Vendor lock-in/ Egress cost prohibitive**
- M) Other**

- A) Migrating certain applications
- B) Legacy infrastructure
- C) Different refresh cycles
- D) Difficulty proving cost illustrations
- E) Funding paths (Capex/Opex)
- F) Data gravity
- G) Data Classification
- H) Licensing concerns
- I) Data privacy concerns
- J) Offshoring & data residency
- K) Lack of in-house skills
- L) Vendor lock-in/ Egress cost prohibitive

13. What percentage of your infrastructure do you plan to be public cloud based in 12 months' time?

- A) 0%**
- B) 10% - 25%**
- C) 25% - 50%**
- D) 50% - 75%**
- E) 100%**

B) 10% - 25%

14. What percentage of your infrastructure do you plan to be public cloud based in three years' time?

- A) 0%**
- B) 10% - 25%**
- C) 25% - 50%**
- D) 50% - 75%**
- E) 100%**

B) 10% - 25%

15. How much has your organisation spent on public cloud since the Government's G-Cloud or 'cloud-first' policy was introduced in 2012?

N/A.

16. How much has your organisation spent on on-premise infrastructure since the Government's G-Cloud or 'cloud-first' policy was introduced in 2012?

£2.9m

17. How much has your organisation spent on cloud/infrastructure consultancy services in FY 20-21?

£0.00

18. How much was spent on public cloud data egress charges in FY 20-21?

£0.00

In line with the Information Commissioner's directive on the disclosure of information under the Freedom of Information Act 2000 your request will form part of our disclosure log on the Trust's website. However please be assured that we anonymise all responses prior to adding them to the disclosure log.

I hope that this response has provided you with the information you had requested. If you have any queries or wish to discuss the information supplied, please do not hesitate to contact me by telephone or in writing. If however, you are dissatisfied with the way in which your request has been handled and would like an internal review, you will need to contact me in writing at the above address or via cdda-tr.cddftfoi@nhs.

If you remain dissatisfied with our response following an internal review you have the right to appeal to The Information Commissioner at Wycliffe House, Water Lane, Wilmslow, Cheshire, SK9 5AF. More information is available on their website; www.ico.gov.uk.

Yours sincerely

Joanna Tyrrell
Freedom of Information Officer