

Date: 02/03/2020

FREEDOM OF INFORMATION REQUEST 015188 - Data analytics technology

For the following questions, we understand data analytics technology to mean software that aggregates and analyses data to identify patterns and deliver insights.

1. Does your data analytics software have the following capabilities:

- Machine learning
- Artificial intelligence
- Conversational interaction e.g. natural language interface
- Open APIs
- Mobile application
- Near real time analysis
- Interactive dashboards

- Yes to all with differing levels of maturity

2. Please confirm whether data analytics technology is used in the following ways at your hospital:

- To access near real-time patient flow information - Yes
- To forecast demand and resources required - Yes, to some degree
- To identify population health patterns and risk stratification - No, although in plans to do so
- To manage purchasing levels of medical supplies - Yes, to some degree
- To inform patient diagnosis - No, although in plans to do so
- To inform the creation of clinical pathways - Yes, to some degree
- To inform resource and recruitment - No

3. Does your data analytics solution provide alerts for the following:

- Performance and compliance metrics - No, although in plans to do so
- Key operational issues, e.g. emergency department demand - No, although in plans to do so

4. Across how many different systems does your hospital hold data?

- 1-10
- 20-50**
- 50-100
- 100-300
- 300+