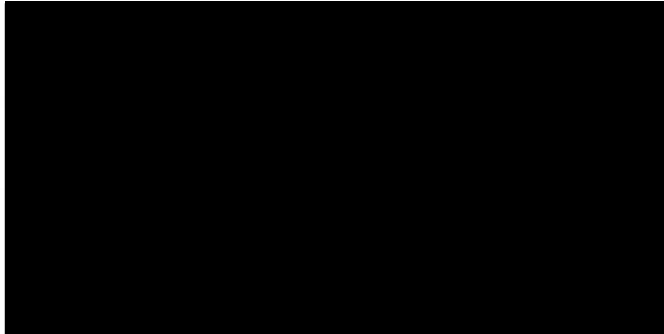


15 February 2021



**Re: Official Information Act request – Radiology Diagnostic Data**

I refer to your Official Information Act request dated 21 January 2021 requesting the following information:

**I would like information relating to Radiology Diagnostic Services provided or accessed by your DHB. More specifically, I am interested in the diagnostic imaging modalities of Cardio Ultrasound, MRI, X-ray CT, PET and SPECT. The information I require for each is:**

- 1. Number of units (instruments) of each modality.**
- 2. What entity (government or private) funded each unit.**
- 3. What entity operates each unit.**
- 4. Number of patients processed by each unit per annum.**

Please find below

**Cardiology response**

- 1. Number of units (instruments) of each modality.**

20 x Cardiac Ultrasound Machines + 3 handheld purchased in May 20 for basic echocardiograms

- 2. What entity (government or private) funded each unit.**

Auckland DHB

- 3. What entity operates each unit.**

Auckland DHB

**4. Number of patients processed by each unit per annum.**

Attached please find the 2020 data

**Radiology Response**

Attached please find the response noting that this includes all equipment on Auckland City Hospital, Starship Hospital and Greenlane Clinical Centre sites (Radiology only). Included is the last four years of performance volumes, noting that last year's volumes were down on previous years as an effect of industrial action (Medical Imaging Technologists and Sonographers) and COVID-19.

You are entitled to seek a review of the response by the Ombudsman under section 28(3) of the Official Information Act. Information about how to make a complaint is available at [www.ombudsman.parliament.nz](http://www.ombudsman.parliament.nz) or freephone 0800 802 602.

Please note that this response, or an edited version of this response, may be published on the Auckland DHB website.

Yours faithfully



Ailsa Claire, OBE  
Chief Executive of Te Toka Tumai (Auckland District Health Board)

## Cardiology Response – Question 4

<b>TOTAL</b>		
<b>Machines</b>	<b>Patients</b>	<b>Average per Machine</b>
20*	16360	818

\*+ 3 handheld from May 2020

Cardiovascular				Paediatric			Perioperative		
Calendar Year	Count of studies	Avg per Machine	Calendar Year	Count of studies	Avg per Machine	Calendar Year	Count of Studies	Avg per Machine	
2020	9028	1290	2020	5879	980	2020	1453	208	
Total No. of Machines: 7 (from May 2020, 3 additional handheld U/S instruments for basic echo)			Total No. of Machines: 6			Total No. of Machines: 7			

## Radiology Response – Questions 1 through 4

Modality	No of Units	What entity funds it	What entity operates it	# of patients per annum					Notes
				2016/17	2017/18	2018/19	2019/20		
MRI	3	Auckland DHB	Auckland DHB	14551	15502	15900	13593		
CAMRI	1	University of Auckland	University of Auckland	1846	1991	2366	2256	Auckland DHB has 400 contracted sessions/annum	
CT	5	Auckland DHB	Auckland DHB	65867	71710	79507	79209		
Ultrasound	20	Auckland DHB	Auckland DHB	48268	48486	49500	47784		
General X-ray	44	Auckland DHB	Auckland DHB	159972	164340	168784	156353	Includes Image Intensifiers, Portable X-ray units, Cone Beam CT	
Mammography	1	Auckland DHB	Auckland DHB	5513	5452	5524	5247		
Fluoroscopy	3	Auckland DHB	Auckland DHB	9396	9315	9097	8980		
Nuclear Medicine (incl SPECT-CT)	2	Auckland DHB	Auckland DHB	7330	7610	7651	7991		
Interventional Radiology	3	Auckland DHB	Auckland DHB	6082	6379	6499	6261		
PET		Private Radiology Providers	Private Radiology Providers	610	655	735	924	All PET procedures are outsourced to Private Radiology providers	