



Hospital Services

North Shore Hospital Campus
Shakespeare Road, Takapuna
Private Bag 93-503, Takapuna
Auckland 0740
Telephone: 09 489 0527
Facsimile: 09 486 8339

12 February 2021

[REDACTED]
[REDACTED]

Dear [REDACTED]

Re: OIA request – Radiology imaging equipment

Thank you for your Official Information Act request received Friday 22 January 2021 seeking information from Waitematā District Health Board (DHB) about radiology diagnostic services including number of units, funding and patient numbers.

You requested 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.***

We contacted you on 27 January 2021 to clarify the timeframe you were requesting information for in relation to question 4. That same day you clarified the timeframe as follows:

- 4. Number of patients processed by each unit per annum for the past five financial years: 2015/16, 2016/17, 2017/18, 2018/19, 2019/20.***

Before responding to your specific questions, it may be useful to provide some context about our services.

Waitematā is the largest and one of the most rapidly growing DHBs in the country, serving a population of around 650,000 across the North Shore, Waitakere and Rodney areas. We are the largest employer in the district, employing around 8,500 people across more than 80 locations.

In addition to providing services to our own population, we are also the metropolitan Auckland provider of forensic psychiatry, child disability services, child community dental services and community alcohol and drug services.

In response to your request, we are able to provide the following information:

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

Equipment modality	Number
Computed Tomography (CT)	5
Magnetic Resonance Imaging (MRI)	2
X-ray	10
X-ray (Portable)	9

Echocardiography equipment	Number
Full echo machines: 3 Waitakere Hospital, 5 North Shore Hospital	8
Portable echo machines for emergent and outreach work: 2 Waitakere Hospital, 1 North Shore Hospital	3
Hand-held echos: 2 at each site for focus work at bedside and clinic	4

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

All units are publicly funded via health and disability support services funding received from the Ministry of Health.

3. What entity operates each unit?

All are operated by Waitematā DHB.

4. Number of patients processed by each unit per annum for the past five financial years: 2015/16, 2016/17, 2017/18, 2018/19, 2019/20.

Where figures are not provided in the following tables, the unit was either decommissioned or purchased in that financial year.

Computed Tomography (CT)					
Unit/hospital	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020
CT 1 - North Shore (N)	8908	10113	8165	8291	6364
CT 2 - N	13494	14019	16384	16073	16645
CT 3 - N	-	-	-	-	1010
CT - Waitakere (W)	10373	10719	4442	-	-
CT 1 - W	-	-	7337	8337	4821
CT 2 - W	-	-	-	5995	9554

Magnetic Resonance Imaging (MRI)					
Location/hospital	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020
MRI 1 - N	3860	4375	4176	4278	3850
MRI 2 - N	4460	4843	4881	4989	4752

X-ray					
Location/hospital	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020
Emergency Dept - N	-	-	-	9549	20136
Outpatients 1 - N	6266	6103	5921	5683	4878
Outpatients 2 - N	4011	4392	4228	4296	3684
Resus (R) - N	3321	3032	3362	3159	3238
R1 - N	14007	13846	13907	12787	9028
R2 - N	17365	14631	14872	8281	-
R3 - N	-	-	-	1377	7601
R5 - N	5375	5807	5316	2541	-

R6 - N	30015	35540	36552	32446	26567
R1 - W	9802	10245	9510	10259	9429
R2 - W	12765	13929	13136	13863	13910
R3 - W	22342	23137	22684	21753	17098
7 x Portables - N	2642	2374	2466	2571	2822
2 x Portables - W	1305	1539	1562	1852	2281

Cardiac Echo*					
Unit	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020
Transthoracic ECHO	5897	6313	7575	7941	7464
Transoesphagela ECHO	125	107	143	128	139
Dobutamine Stress ECHO	171	180	216	154	171
Stress ECHO	306	250	216	241	194

*There are 15 ECHO machines across North Shore and Waitakere hospitals that perform the four listed procedures. We do not record this information by unit, but have provided patient volumes across the 15 units.

I trust that this information is helpful.

Waitematā DHB supports the open disclosure of information to assist community understanding of how we are delivering publicly funded healthcare. This includes the proactive publication of anonymised Official Information Act responses on our website from 10 working days after they have been released.

If you consider there are good reasons why this response should not be made publicly available, we will be happy to consider your views.

Yours sincerely



**Executive Director Hospital Services
Waitematā District Health Board**