



MIDCENTRAL DISTRICT HEALTH BOARD

Te Pae Hauora o Ruahine o Tararua

16 February 2022

Phone (06) 350 8061
Fax (06) 355 0616

Postal Address:
PO Box 2056
Palmerston North Central
Palmerston North 4440
New Zealand

Physical Address:
Gate 2
Heretaunga Street
Palmerston North
New Zealand

Paul Blackham

E-mail: fyi-request-18333-1a22503e@requests.fyi.org.nz

Dear Paul

Official Information Act (OIA) Request

Your recent OIA request of 26 January 2022 to the MidCentral District Health Board (MDHB) is acknowledged.

You have requested the following;

- **I am seeking the number of people that have visited any/all hospitals and doctors' surgeries within MDHB for any/all heart related issues (including but not limited to pericarditis, myocarditis, heart attacks and strokes). The data requested is for the 11 month period from February 2021 until December 2021 inclusive, displayed in month by month format and compared to the monthly data for the previous three years.**

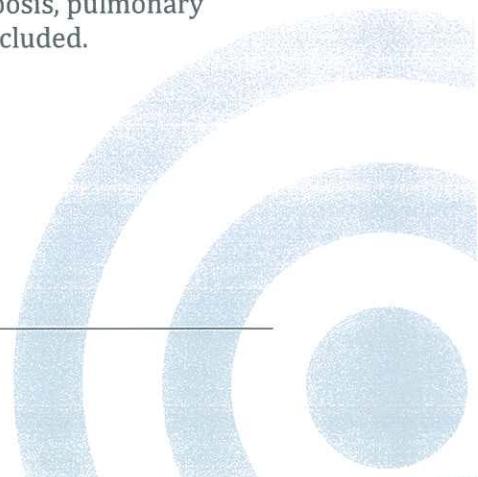
Data Limitations

MDHB does not have access to data concerning general practice consultations, consultations at private hospitals or private specialists and services provided at other DHBs for MDHB residents.

Emergency Department Attendances 2018 to 2021

Relevant Emergency Department attendances were isolated using ICD-10 codes for "Diseases of the circulatory system (ICD-10 Chapter IX)" (diseases of the heart and blood vessels). These codes tend to start with the letter "I". Certain conditions were excluded; e.g. varicose veins of lower legs and other sites, lymphadenitis, other disorders of the lymphatic vessels and haemorrhoids (I846 and I849). Heart attacks, angina, heart rhythm problems, heart valve problems, aortic aneurysms, deep vein thrombosis, pulmonary embolism, strokes, pericarditis, and myocarditis will be included.

The data requested follows.



**MidCentral Emergency Department
Circulatory Disease-related Attendances
2018 to 2021**

Year	Month	Number of Attendances
2018	1	149
	2	129
	3	165
	4	148
	5	168
	6	154
	7	132
	8	156
	9	130
	10	181
	11	171
	12	166
2019	1	142
	2	145
	3	147
	4	132
	5	125
	6	140
	7	148
	8	162
	9	163
	10	167
	11	157
	12	141
2020	1	152
	2	131
	3	118
	4	136
	5	151
	6	135
	7	182
	8	139
	9	145
	10	159
	11	148
	12	164

2021	1	146
	2	142
	3	160
	4	187
	5	182
	6	152
	7	193
	8	174
	9	189
	10	157
	11	178
	12	183

Inpatient Admissions 2018 to 2021

Inpatient admissions were isolated using the same ICD-10 codes as described for Emergency Department attendances. The diagnosis had to be the primary diagnosis (the main diagnosis for the person being in hospital). The health specialty had to be one of the medical specialties (as opposed to, e.g. surgical specialties). Excluding surgical specialties would exclude admissions for treatment of peripheral vascular disease, like an ischaemic ulcer (which we don't want). There is no cardiac surgery or cardio-thoracic surgery department at MDHB, so these conditions have not been prejudiced against. These patients are treated at a tertiary hospital, usually Wellington Hospital (we don't have these hospital admissions within MidCentral-administered databases).

**MidCentral Hospitals Inpatient
Circulatory Disease-related Admissions
2018 to 2021**

Year	Month	Number of Admissions
2018	1	171
	2	153
	3	205
	4	168
	5	210
	6	178
	7	168
	8	172
	9	163
	10	195
	11	178
	12	192

2019	1	170
	2	167
	3	177
	4	190
	5	201
	6	191
2020	7	220
	8	196
	9	187
	10	201
	11	202
	12	187
	1	165
	2	163
	3	143
	4	162
	5	162
	6	181
7	226	
8	179	
9	205	
10	194	
11	185	
12	208	
2021	1	163
	2	153
	3	186
	4	197
	5	199
	6	176
	7	202
	8	195
	9	218
	10	174
	11	168
	12	91

Outpatient Attendances 2018 to 2021

The outpatient attendances are for patients referred to Cardiology and cardiology-related services. The appointments include new patient assessments and follow-up appointments. Appointments for cardiology-related tests have been excluded.

**MidCentral Hospitals Cardiology and
Cardiology-Related Outpatient
Attendances 2018 to 2021**

Year	Month	Number of Attendances
2018	1	326
	2	424
	3	516
	4	461
	5	539
	6	289
	7	268
	8	257
	9	257
	10	351
	11	308
	12	242
2019	1	309
	2	295
	3	347
	4	275
	5	362
	6	290
	7	338
	8	268
	9	290
	10	400
	11	299
	12	191

2020	1	277
	2	279
	3	289
	4	78
	5	205
	6	355
	7	410
	8	375
	9	476
	10	573
	11	607
	12	419
2021	1	423
	2	640
	3	657
	4	444
	5	492
	6	564
	7	524
	8	410
	9	417
	10	395
	11	426
	12	378

Please note that this response, or an edited version of this response, may be published on the MDHB website 10 working days after your receipt of this response.

Yours sincerely



Lyn Horgan
Operations Executive
Acute & Elective Specialist Services