

18 October 2018

[REDACTED]
[REDACTED]
Ref: H201806470

Dear [REDACTED]

Response to your request for official information

I refer to your request to the Ministry of Health (the Ministry) of 21 September 2018 under the Official Information Act 1982 (the Act) for:

Please provide me with information on the known number of heart attacks suffered in the human population by year and locality since 1950.

The information that the Ministry holds in relation to your request is attached as Appendix One.

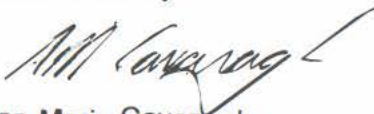
Please note that data predating 1969 cannot be used to answer your request as it aggregates a number of conditions. Data is also unavailable for the years 1975 - 1977.

The data provided is a count of discharges, not people. A person may appear multiple times in a cell, row or column. This is a count of people who have been hospitalised for a heart attack; this may not be the whole population of people who have had heart attacks.

I trust this information fulfils your request. You have the right, under section 28 of the Act, to ask the Ombudsman to review any decisions made under this request.

Please note that this letter and attachments may be published on the Ministry of Health website.

Yours sincerely



Ann-Marie Cavanagh
**Acting Deputy Director-General
Data and Digital**

Appendix One

1969 – 1987

Total Public Hospital Discharges for 410 Acute myocardial infarction, 1969 - 1987

Notes:

Data from pre-1969 cannot be used to answer this question, because it aggregates a number of conditions.

Data is unavailable for the years 1975-1977.

Some discharges are administrative, or transfers between services.

This data is a count of discharges, not people. A person may appear multiple times in a cell, row or column.

This is a count of people who have been hospitalised for a heart attack; this may not be the whole population of people who have heart attacks.

Source: Ministry of Health, Hospital and Selected Morbidity Data series

	Calendar Year of Discharge																		
	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total discharges:	5512	5752	6417	6820	6680	6909	-	-	-	6091	5893	5856	5815	5959	5885	5887	6031	6353	6182

1988 – 2017

Count of discharges with an ICD-9-CMA-II primary diagnosis of 410 - Acute myocardial infarction, by DHB of service and calendar year, 1988 - 2017

Extracted 28 September 2018

Notes:

This data has been extracted from the live NMDS dataset. As a result, some numbers may differ slightly from previously published figures.

Although we've reviewed the provisional data presented here, this data could have unexpected errors that may be picked up through the rigorous data quality checks publication datasets undergo.

As a result, published data may differ from the provisional data presented here. Published data should be considered the most accurate source and used where possible.

Some discharges are administrative, or transfers between services.

This data is a count of discharges, not people. A person may appear multiple times in a cell, row or column.

This is a count of people who have been hospitalised for a heart attack; this may not be the whole population of people who have heart attacks.

This data counts publicly funded discharges only, but includes treatment at private facilities where that treatment was publicly funded.

DHB of Service refers to the DHB that treated the patient, not the DHB of domicile of the patient.

Source: Ministry of Health, National Minimum Dataset

DHB of Service	Calendar Year of Discharge																													
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
011 Northland DHB	186	221	189	243	263	273	277	269	232	281	264	250	243	350	368	368	383	513	477	472	440	353	415	383	443	385	369	322	411	433
021 Waitemata DHB	257	278	370	397	405	431	404	464	445	438	531	620	712	676	783	966	1005	1016	1136	1184	1308	1474	1510	1477	1540	1425	1394	1286	1409	1372
022 Auckland DHB	702	606	593	635	744	733	685	698	737	827	719	803	857	1119	1540	2000	1735	1998	1741	1779	1181	105	1201	1261	1444	1181	1250	1231	1289	1320
023 Counties Manukau DHB	371	309	387	415	422	409	349	424	448	516	513	558	567	666	828	836	816	898	919	937	1131	149	1120	1093	1020	952	1003	858	848	784
031 Waikato DHB	430	433	469	466	441	457	470	446	450	534	613	616	678	960	1077	1171	1248	1330	1242	1194	1160	1179	1237	1216	1306	1136	1144	1202	1327	1343
042 Lakes DHB	151	109	139	121	128	133	157	142	156	176	161	168	197	206	200	253	238	226	254	248	203	230	215	271	290	237	241	271	257	254
047 Bay of Plenty DHB	215	202	237	255	222	236	263	263	301	316	316	383	493	549	619	544	534	610	529	472	533	529	477	498	538	445	510	466	533	572
051 Tairāwhiti DHB	80	63	67	69	63	59	75	70	47	68	65	95	74	104	87	133	116	122	123	125	125	118	149	143	123	118	97	75	99	95
061 Taranaki DHB	199	240	263	299	274	251	215	204	251	278	257	274	266	365	365	364	373	333	382	292	338	339	305	260	279	232	248	271	255	277

071	Hawkes Bay DHB	343	319	295	291	282	270	249	255	310	274	278	384	400	437	489	413	490	614	618	590	571	513	496	468	485	395	433	385	420	423
081	MidCentral DHB	318	286	215	273	333	330	319	331	277	311	358	391	341	401	443	543	434	565	611	592	557	556	566	486	447	421	342	359	352	399
082	Whanganui DHB	118	99	112	93	122	112	117	113	119	111	110	123	163	158	174	211	237	256	263	273	256	279	309	198	170	198	192	176	190	162
091	Capital and Coast DHB	385	359	360	384	346	351	360	449	478	431	473	493	631	771	795	1136	1157	1326	1238	1261	1238	1158	1175	1089	1152	1136	1103	1088	1244	1156
092	Hutt Valley DHB	258	210	188	213	221	217	197	227	225	230	243	268	303	379	468	460	485	499	405	364	425	349	286	311	281	297	215	226	224	317
093	Wairarapa DHB	66	51	65	63	60	65	73	77	73	87	72	103	91	98	82	114	136	134	108	159	175	199	165	129	121	101	88	90	99	105
101	Nelson Marlborough DHB	185	197	213	239	221	223	214	265	285	248	274	328	311	329	329	376	399	358	322	392	363	373	342	426	346	393	387	352	353	311
111	West Coast DHB	71	69	56	68	59	51	50	69	45	61	119	84	68	92	98	73	91	86	113	86	68	75	67	71	70	78	58	62	73	79
121	Canterbury DHB	765	820	793	789	750	853	1013	929	897	1062	1091	933	1066	1126	1202	1345	1343	1380	1472	1521	1407	1429	1560	1338	1425	1271	1225	1264	1209	1244
123	South Canterbury DHB	143	173	158	157	161	137	154	139	137	112	122	141	164	176	176	191	167	160	151	164	141	191	156	172	179	175	126	137	142	112
160	Southern DHB	635	694	672	701	612	633	656	664	593	690	720	635	572	650	620	759	728	673	695	794	703	715	737	669	851	748	664	701	777	666
999	Non-DHB agency	49	38	19	14	14	7	8	20	7	16	48	140	206	234	227	194	218	195	224	250	268	310	334	341	287	265	176	182	134	101
Total:		5927	5776	5860	6185	6143	6231	6305	6518	6513	7067	7347	7790	8403	9846	10970	12450	12333	13292	13023	13149	12591	12613	12822	12300	12797	11589	11265	11004	11645	11525

Released under the Official Information Act 1982