

15 January 2021

[REDACTED]

By email: [REDACTED]

Ref: H202009432

Dear [REDACTED]

Response to your request for official information

Thank you for your request under the Official Information Act 1982 (the Act) on 20 December 2020 to the Ministry of Health (the Ministry) regarding district health board (DHB) waiting times.

Information in response to each part of your request is as follows.

“Please provide the Key Performance Indicator applying to each DHB in terms of the target time that patients should be seen at the appropriate time.”

Waiting times for elective services are managed through national indicators known as the Elective Services Patient Flow Indicators (ESPIs). Further information about the ESPIs are publicly available on the Ministry website: <https://www.health.govt.nz/our-work/hospitals-and-specialist-care/elective-services/elective-services-and-how-dhbs-are-performing/latest-summary-elective-services-patient-flow-indicators-espis>.

The expectations for waiting times for elective surgery are monitored through ESPI 5, with all patients given a commitment to treatment should receive it within four months. The goal is to ensure no patients with this status remain untreated after four months.

“Please provide from 2010-2020 how many people were seen within an appropriate timeframe in terms of maintaining wait times.”

As outlined above, the measure for ESPI 5 is the number of patients that are not seen within an appropriate timeframe, as reported to the National Booking Reporting System (NBRS). Therefore, for consistency with national reporting, please refer to Table 1 for the number of patients that have not been seen within the expected timeframe broken down by DHB and month since 2010. This data should not be totalled, as patients may appear in the ESPI 5 results for multiple months.

Table 1 includes publicly funded normal procedures and excludes patients waiting for a planned, staged or surveillance procedure. Publicly funded normal procedures are funded by the Ministry or DHBs through their devolved funding only (ie, excludes ACC, private insurance or patient funded procedures). These are outside the scope of the elective programme and are therefore excluded from the ESPIs. Staged, planned and surveillance procedures can be delayed for clinical reasons and therefore does not need to be seen within four months.

Examples of staged procedures:

- removal of metalware one year post hip surgery; or
- closure of colostomy 12 months after formation.

Examples of planned procedures:

- a paediatric procedure for a child once an age-related milestone is reached; or
- a procedure scheduled to occur at a time, following a pregnancy and delivery.

Examples of surveillance procedures:

- annual or biennial colonoscopy post colorectal cancer or because of a known family history of bowel cancer; or
- annual cystoscopy or gastroscopy.

Data for 2020 includes patients waiting at the end of each month between January and November 2020. It excludes December 2020 results, as this data is not yet complete in the NBRS.

“Please provide statistical table statistics between the period of 2010 - 2020 outlining based on ethnicity how long the estimated time someone was required to be on a list for before being seen.”

As outlined above, the expectation is that all patients are seen within four months of receiving a commitment to treatment by a DHB. However, patients are treated in the order of priority and clinical complexity of their condition. Therefore, it is not possible to give a definitive statement on how long a patient could expect to wait for surgery outside the expectation that they would be seen within the expected timeframe.

Table 2 outlines the average wait time for treatment by DHB and ethnicity since 2010. The average waiting times during 2020 were particularly long as many non-urgent patients had treatment delayed during April and May when New Zealand was in COVID-19 Alert Levels 3 and 4. Patients that needed acute or urgent care also continued to receive care. The numbers will differ by DHB according to the mix of urgent and non-urgent patients treated and the extent to which each DHB was able to increase delivery of Planned Care as alert levels were reduced.

The dataset includes publicly funded normal procedures and excludes patients waiting for a planned, staged or surveillance procedure. Data for 2020 includes patients waiting at the end of each month between January and November 2020. It excludes December 2020 results as this data is not yet complete in NBRS.

“Please provide statistical table between the period of 2010 - 2020 based on ethnicity how many people were able to access the services provided.”

The formal measure of elective delivery in New Zealand hospitals is reported through the Planned Care Interventions measure publicly available on the Ministry website:

<https://www.health.govt.nz/our-work/hospitals-and-specialist-care/planned-care-services/planned-care-interventions>.

Planned Care Interventions includes clinically coded events from the National Minimum Dataset (NMDS) and National Non-Admitted Patient Collection (NNPAC) following a patient’s discharge from hospital.

Table 3 outlines the number of people removed from NBRS after receiving an elective treatment broken down by DHB and ethnicity since 2010.

The NBRS only includes inpatient activity and therefore the figures in Table 3 and the Planned Care Interventions are not directly comparable. If you are planning on doing further analysis on delivery in New Zealand hospitals, we encourage you to use the Planned Care Interventions definition as this provides a more complete view of surgical activity.

The data in Table 3 aligns with the average waiting times data provided in response to part two of your request above.

The dataset includes publicly funded normal procedures and excludes patients waiting for a planned, staged or surveillance procedure. Data for 2020 includes patients waiting at the end of each month between January and November 2020. It excludes December 2020 results as this data is not yet complete in NBRS.

“Please provide statistical table between the period of 2010-2020 based on Ethnicity how many people were treated in each DHB and what conditions they were treated under.”

Table 4 displays the number of patients removed from the NBRS after receiving an elective treatment by DHB, ethnicity and specialty since 2010.

The dataset includes publicly funded normal procedures and excludes patients waiting for a planned, staged or surveillance procedure. Data for 2020 includes patients waiting at the end of each month between January and November 2020. It excludes December 2020 results as this data is not yet complete in NBRS.

“Please provide how many people over the period of 2010-2020 were required to be treated outside of a room in each DHB”

This information is not collected or reported on, as such this part of your request is refused under section 18(g) of the Act on the grounds that this information is not held by another agency subject to the Act.

I trust this information fulfils your request. Under section 28(3) of the Act you have the right to ask the Ombudsman to review any decisions made under this request. The Ombudsman may be contacted by email at: info@ombudsman.parliament.nz or by calling 0800 802 602.

Please note that this response, with your personal details removed, may be published on the Ministry website at: www.health.govt.nz/about-ministry/information-releases/responses-official-information-act-requests.

Yours sincerely



Robyn Shearer
Deputy Director-General
DHB Performance Support and Infrastructure

Table 1. ESPI 5 - number of patients that are not seen within the appropriate timeframe as reported to the National Booking Reporting System (NBRS) by DHB from 2010-2020.

Data for 2020 includes patients waiting at the end of each month between January and November 2020; it excludes December 2020 results as this data is not yet complete in NBRS
Data should not be totalled across months as individuals may be represented in multiple months.

The dataset includes Publicly Funded, Normal procedures and excludes patients waiting for a planned, staged or surveillance procedure.

Data Extracted from NBRS on 11 January 2021

DHB Name	Calendar Year	Month											
		January	February	March	April	May	June	July	August	September	October	November	December
Auckland	2010	412	426	412	435	440	400	370	420	480	550	540	595
	2011	617	405	389	340	323	218	179	201	213	238	256	297
	2012	375	363	326	257	132	2	27	49	50	40	10	165
	2013	191	147	151	191	87	0	14	28	29	35	30	38
	2014	56	59	29	30	26	4	13	27	18	15	15	2
	2015	6	23	18	28	32	42	52	55	44	47	34	44
	2016	64	39	48	46	44	52	66	74	79	104	111	185
	2017	262	252	263	291	287	345	404	372	367	353	315	336
	2018	374	376	405	397	318	327	338	317	338	360	325	413
	2019	506	554	579	560	442	449	409	371	376	400	353	441
2020	543	593	781	1,350	1,480	1,600	1,322	1,015	914	931	913		
Auckland Total		3,406	3,237	3,401	3,925	3,611	3,439	3,194	2,929	2,908	3,073	2,902	2,516
Bay of Plenty	2010	223	204	205	171	176	200	205	187	193	182	181	210
	2011	273	250	154	144	140	131	111	123	117	118	122	121
	2012	141	107	77	49	25	0	8	28	21	8	3	17
	2013	47	33	21	21	17	0	3	0	0	1	41	22
	2014	0	0	0	0	0	0	1	16	32	89	48	0
	2015	23	49	0	39	15	0	20	16	12	18	18	37
	2016	44	24	33	24	21	17	24	23	20	18	11	9
	2017	22	20	17	25	23	27	24	20	15	11	19	27
	2018	28	25	19	23	4	21	36	35	43	33	19	94
	2019	168	199	211	241	206	205	178	159	149	157	221	309
2020	435	425	516	895	1,054	961	741	424	224	239	248		
Bay of Plenty Total		1,404	1,336	1,253	1,632	1,681	1,562	1,351	1,031	826	874	931	846
Canterbury	2010	348	299	261	223	259	241	228	251	300	295	256	287
	2011	388	348	444	490	408	339	313	285	278	318	268	284
	2012	339	372	404	449	434	346	315	279	301	284	269	479
	2013	605	599	593	564	317	100	108	79	88	97	97	39
	2014	128	173	41	102	65	36	55	41	36	31	29	11
	2015	86	99	110	17	28	34	97	95	18	30	25	29
	2016	124	141	67	12	54	30	29	107	109	116	67	64
	2017	139	109	83	23	19	29	26	33	47	42	57	62
	2018	98	106	96	115	98	111	99	99	132	231	305	554
	2019	710	488	421	448	447	454	425	360	407	523	613	595
2020	722	739	883	1,393	1,330	1,169	1,280	918	709	756	822		
Canterbury Total		3,687	3,473	3,403	3,836	3,459	2,889	2,975	2,547	2,425	2,723	2,808	2,404
Capital and Coast	2010	239	235	252	222	257	250	199	200	226	204	162	184
	2011	227	263	257	265	232	177	126	160	191	208	214	263
	2012	319	308	277	270	203	74	24	10	0	0	0	11
	2013	49	39	37	16	1	0	0	2	2	5	6	5
	2014	12	10	15	19	3	10	10	3	5	1	0	0

2015	12	10	6	3	4	4	5	2	0	7	3	2	
2016	4	6	7	11	5	11	10	9	3	6	13	14	
2017	8	15	5	16	11	10	17	7	12	9	6	11	
2018	15	13	20	19	9	15	23	18	23	24	24	63	
2019	137	140	146	151	116	107	68	59	64	94	107	137	
2020	168	148	177	400	431	348	245	105	97	182	206		
Capital and Coast Total	1,190	1,187	1,199	1,392	1,272	1,006	727	575	623	740	741	690	
Counties Manukau	2010	233	235	275	273	267	200	160	176	194	209	265	330
	2011	417	413	287	258	277	178	88	77	64	58	31	23
	2012	27	40	40	25	11	1	1	1	1	1	1	30
	2013	31	33	50	70	14	1	1	2	3	2	5	3
	2014	6	6	5	19	3	3	3	4	1	3	1	1
	2015	1	9	15	7	5	2	6	2	7	7	8	9
	2016	18	15	17	15	10	5	13	7	14	16	21	23
	2017	40	60	15	17	9	15	43	15	23	29	40	33
	2018	87	128	119	204	137	166	168	182	148	139	82	113
	2019	129	107	135	120	84	74	112	73	59	76	104	123
	2020	131	151	242	479	394	270	222	156	108	134	156	
Counties Manukau Total	1,120	1,197	1,200	1,487	1,211	915	817	695	622	674	714	688	
Hawkes Bay	2010	186	180	187	132	114	87	87	89	78	72	86	101
	2011	139	149	164	152	129	106	96	65	52	45	16	10
	2012	18	15	6	2	0	0	0	0	0	5	9	55
	2013	66	47	44	44	22	0	0	2	7	7	5	5
	2014	4	2	0	0	0	0	0	0	0	0	1	1
	2015	7	6	6	8	6	15	7	5	7	21	7	53
	2016	80	65	4	23	20	8	34	33	19	1	23	34
	2017	43	6	18	34	31	4	24	37	7	29	6	42
	2018	79	79	50	121	168	215	284	320	356	409	397	497
	2019	513	501	506	482	387	352	324	290	294	300	327	373
	2020	439	519	528	675	695	692	754	583	475	507	558	
Hawkes Bay Total	1,574	1,569	1,513	1,673	1,572	1,479	1,610	1,424	1,295	1,396	1,435	1,171	
Hutt Valley	2010	135	135	152	134	142	128	113	121	109	110	104	135
	2011	141	142	137	149	125	98	79	79	96	90	69	73
	2012	78	80	93	74	55	0	13	22	14	6	15	51
	2013	64	66	57	70	30	1	31	48	43	9	36	73
	2014	73	7	11	29	22	16	5	8	6	8	10	4
	2015	29	30	30	10	6	5	9	10	9	9	11	10
	2016	59	20	8	4	12	10	43	10	16	29	66	6
	2017	120	103	6	20	6	9	48	69	34	6	7	7
	2018	76	83	9	7	8	8	9	9	5	3	4	8
	2019	59	120	178	175	148	153	224	271	302	429	512	604
	2020	706	699	803	994	1,061	1,113	1,063	889	901	978	993	
Hutt Valley Total	1,540	1,485	1,484	1,666	1,615	1,541	1,637	1,536	1,535	1,677	1,827	971	
Lakes	2010	130	127	118	106	90	74	66	64	58	54	43	40
	2011	49	46	44	40	33	29	37	32	37	36	30	25
	2012	30	39	24	18	22	3	3	8	5	9	6	35
	2013	39	22	17	17	10	4	5	6	5	4	4	4
	2014	8	6	4	6	3	3	3	4	5	7	9	9
	2015	12	10	10	5	7	5	10	5	7	10	8	16
	2016	85	76	92	94	58	18	12	20	5	16	12	11
	2017	21	36	7	6	3	8	11	9	13	7	7	12

	2018	13	9	11	9	4	3	6	4	4	4	2	9
	2019	22	37	44	64	39	35	50	58	65	69	77	81
	2020	122	137	187	279	315	282	236	137	97	94	73	
Lakes Total		531	545	558	644	584	464	439	347	301	310	271	242
MidCentral	2010	221	228	253	204	223	223	204	202	234	220	197	209
	2011	232	207	175	141	147	113	88	74	81	63	54	75
	2012	95	76	41	41	11	2	6	7	12	8	10	45
	2013	57	48	55	51	25	2	15	10	18	23	15	11
	2014	7	13	18	35	8	9	10	47	13	23	22	0
	2015	16	13	11	8	7	11	35	16	5	8	14	58
	2016	137	13	27	30	16	14	17	15	43	86	13	43
	2017	124	85	14	67	27	22	16	13	42	82	61	132
	2018	265	234	306	207	136	177	214	233	283	253	190	121
	2019	273	378	532	558	501	505	421	403	431	438	431	495
	2020	578	595	705	904	911	966	854	666	587	618	642	
MidCentral Total		2,005	1,890	2,137	2,246	2,012	2,044	1,880	1,686	1,749	1,822	1,649	1,189
Nelson Marlborough	2010	214	246	256	213	215	176	135	129	114	115	132	148
	2011	169	147	143	85	85	95	85	100	81	63	45	30
	2012	31	33	20	12	11	0	3	2	0	0	0	46
	2013	48	52	33	23	5	0	0	1	5	4	8	6
	2014	9	11	10	11	7	6	8	6	4	3	3	1
	2015	10	12	14	11	11	9	11	12	12	11	9	4
	2016	9	11	12	9	13	13	13	11	14	31	13	50
	2017	47	14	16	38	32	14	43	32	14	43	13	14
	2018	41	20	15	13	20	34	47	34	26	34	55	81
	2019	130	141	132	116	72	48	54	45	14	20	21	30
	2020	40	81	126	259	325	236	183	86	43	80	107	
Nelson Marlborough Total		748	768	777	790	796	631	582	458	327	404	406	410
Northland	2010	124	133	115	75	52	39	36	57	75	100	98	120
	2011	144	180	175	238	208	71	43	47	37	15	17	32
	2012	69	68	49	84	15	0	11	11	22	20	8	182
	2013	214	218	199	216	80	0	14	28	4	9	6	8
	2014	6	8	41	47	12	20	34	10	9	10	9	3
	2015	63	91	80	10	12	19	8	9	8	9	10	9
	2016	80	62	80	73	46	7	43	32	40	7	12	57
	2017	104	83	5	94	76	4	48	10	95	171	182	305
	2018	465	491	579	481	299	301	356	369	465	440	441	582
	2019	671	707	797	766	633	640	631	666	863	764	772	872
	2020	928	894	1,025	1,273	1,394	1,299	1,146	867	749	864	973	
Northland Total		2,868	2,935	3,145	3,357	2,827	2,400	2,370	2,106	2,367	2,409	2,528	2,170
South Canterbury	2010	114	115	134	155	123	93	64	92	95	74	70	66
	2011	104	88	60	47	53	49	43	50	37	29	25	23
	2012	30	25	13	12	3	0	0	0	1	0	1	9
	2013	22	21	14	8	3	0	1	1	3	3	0	0
	2014	3	2	1	2	1	0	0	2	2	6	0	1
	2015	3	2	3	1	5	3	5	1	0	6	13	1
	2016	2	9	11	9	12	6	7	2	6	11	5	6
	2017	8	9	9	9	10	20	14	10	11	8	9	43
	2018	31	9	24	27	22	27	19	22	20	21	8	24
	2019	34	64	84	61	61	75	72	77	69	77	59	40
	2020	33	38	35	88	121	118	90	47	25	43	55	

South Canterbury Total		384	382	388	419	414	391	315	304	269	278	245	213
Southern	2010	265	230	201	212	185	158	143	153	127	135	152	159
	2011	212	212	194	228	198	128	114	145	111	106	99	107
	2012	147	144	133	132	77	1	12	30	34	15	34	72
	2013	139	141	142	174	64	2	16	32	18	12	8	14
	2014	41	27	16	16	17	12	12	16	16	18	16	14
	2015	78	101	15	67	59	9	35	41	14	44	11	42
	2016	77	80	14	22	18	20	40	60	77	22	67	150
	2017	241	173	194	220	200	176	257	266	252	207	211	285
	2018	359	387	447	455	386	393	378	350	367	332	299	353
	2019	393	426	502	483	494	563	603	642	753	788	846	962
	2020	1,123	1,216	1,308	1,652	1,690	1,468	1,244	1,094	991	1,047	1,121	
Southern Total		3,075	3,137	3,166	3,661	3,388	2,930	2,854	2,829	2,760	2,726	2,864	2,158
Tairāwhiti	2010	21	20	18	32	11	12	8	6	6	6	8	7
	2011	8	3	2	3	5	4	4	5	2	2	4	1
	2012	1	1	0	0	0	0	0	0	0	2	2	8
	2013	10	8	11	4	5	1	1	1	1	1	1	1
	2014	1	1	1	1	2	2	3	4	3	3	3	3
	2015	3	3	5	8	6	7	7	6	3	2	2	2
	2016	2	3	2	2	2	2	6	3	3	3	3	3
	2017	2	2	2	2	2	4	5	4	6	4	4	8
	2018	14	8	11	8	8	7	9	8	5	2	4	6
	2019	9	9	10	18	14	9	12	20	16	22	40	72
	2020	106	98	114	159	151	109	92	62	46	51	55	
Tairāwhiti Total		177	156	176	237	206	157	147	119	91	98	126	111
Taranaki	2010	37	23	17	26	31	25	24	32	34	40	35	36
	2011	42	49	41	48	36	28	28	34	30	79	89	73
	2012	82	69	47	39	10	0	0	0	0	0	0	8
	2013	6	6	0	1	0	0	0	0	0	0	0	0
	2014	0	0	0	0	0	0	0	1	0	0	0	0
	2015	2	2	3	6	3	1	2	2	3	2	1	2
	2016	8	5	6	4	6	12	5	1	2	9	4	5
	2017	9	5	12	6	9	3	4	5	12	11	14	10
	2018	23	16	29	11	11	58	91	128	127	160	159	195
	2019	248	268	330	401	414	460	468	492	433	390	346	389
	2020	391	379	446	582	622	646	568	435	366	435	474	
Taranaki Total		848	822	931	1,124	1,142	1,233	1,190	1,130	1,007	1,126	1,122	718
Waikato	2010	470	520	510	472	454	473	456	457	468	443	440	548
	2011	636	617	540	496	513	418	364	408	404	406	454	460
	2012	625	512	474	509	413	51	104	167	152	47	54	427
	2013	603	626	259	389	234	40	133	126	9	86	20	106
	2014	313	279	33	239	198	19	27	151	160	151	35	28
	2015	256	158	11	34	27	16	43	31	30	21	37	93
	2016	236	302	198	257	203	40	48	45	47	29	36	65
	2017	184	102	43	142	83	41	58	38	44	60	44	73
	2018	83	37	16	19	10	9	23	30	40	28	49	59
	2019	199	207	396	365	263	241	165	154	181	187	199	396
	2020	579	693	879	1,424	1,490	1,231	1,049	756	595	531	474	
Waikato Total		4,184	4,053	3,359	4,346	3,888	2,579	2,470	2,363	2,130	1,989	1,842	2,255
Wairarapa	2010	41	37	29	26	29	36	48	54	41	38	27	21
	2011	17	22	26	24	35	44	56	42	45	44	37	33

	2012	34	52	54	57	43	0	11	4	9	3	1	47
	2013	69	36	20	22	14	0	0	7	10	21	0	13
	2014	9	5	2	7	9	3	1	1	1	2	1	0
	2015	3	2	3	0	0	10	14	16	7	14	7	22
	2016	15	7	6	0	2	0	0	1	7	25	23	34
	2017	37	21	1	11	15	2	21	29	20	3	14	14
	2018	32	46	58	68	58	47	41	33	46	63	53	43
	2019	53	81	80	76	77	77	77	76	90	104	115	105
	2020	88	87	82	109	80	49	30	9	0	3	1	
Wairarapa Total		398	396	361	400	362	268	299	272	276	320	279	332
Waitemata	2010	152	161	197	200	211	204	181	174	169	173	197	234
	2011	242	267	294	284	296	239	208	246	253	257	284	291
	2012	304	271	189	132	63	0	0	1	2	2	4	77
	2013	102	123	116	121	44	1	19	20	20	19	17	24
	2014	20	19	17	30	17	11	13	15	7	4	3	1
	2015	10	16	13	16	18	18	12	11	12	14	10	11
	2016	19	15	20	18	8	5	6	7	10	19	9	9
	2017	34	17	14	11	6	17	35	12	9	4	5	6
	2018	7	15	16	9	6	9	15	40	71	143	116	133
	2019	159	132	180	183	142	204	263	258	320	374	384	480
	2020	595	633	821	1,353	1,785	2,078	1,708	1,146	925	973	963	
Waitemata Total		1,644	1,669	1,877	2,357	2,596	2,786	2,460	1,930	1,798	1,982	1,992	1,266
West Coast	2010	17	25	30	31	25	22	23	23	27	22	20	27
	2011	36	31	29	28	25	29	29	24	32	27	30	34
	2012	35	34	41	34	16	0	4	4	0	2	2	6
	2013	7	23	22	26	9	0	4	0	0	0	3	0
	2014	0	0	0	0	1	0	0	1	0	0	0	0
	2015	0	0	4	7	0	1	2	2	0	0	0	0
	2016	2	3	3	4	4	2	12	12	7	9	3	5
	2017	8	6	1	2	4	3	8	2	3	5	4	1
	2018	3	3	9	12	14	7	6	8	10	15	16	19
	2019	19	21	21	31	20	25	31	43	45	36	47	53
	2020	43	35	43	67	66	42	71	40	25	38	36	
West Coast Total		170	181	203	242	184	131	190	159	149	154	161	145
Whanganui	2010	5	4	9	5	2	1	1	2	9	10	11	10
	2011	9	12	12	15	11	15	15	17	27	26	37	36
	2012	37	42	66	63	40	0	0	2	0	4	5	71
	2013	53	35	28	17	9	0	2	2	2	0	1	3
	2014	2	2	2	1	2	1	1	2	0	2	1	0
	2015	2	2	2	4	1	7	3	8	9	27	6	11
	2016	3	3	4	2	3	6	8	7	5	9	1	2
	2017	5	3	3	10	0	3	6	5	5	7	2	3
	2018	10	2	5	3	4	12	5	2	5	2	8	17
	2019	7	9	15	11	8	18	3	6	7	6	3	3
	2020	10	9	41	124	133	90	62	20	7	13	15	
Whanganui Total		143	123	187	255	213	153	106	73	76	106	90	156

Table 2. The average wait time for elective treatment by ethnicity for each DHB from 2010-2020.

Data for 2020 includes patients exited between 01 January and 30 November 2020; it excludes December 2020 results as this data is not yet complete in NBRS.

The dataset includes Publicly Funded, Normal procedures and excludes patients waiting for a planned, staged or surveillance procedure.

Data Extracted from NBRS on 11 January 2021

DHB Name	Prioritised Ethnicity	2010	2011	2012	2013	2014	2015	2016	2017	2018	2020 (YTD 01)	
											2019	Jan - 30 Nov)
Auckland	Māori	79.1	74.5	64.8	62.4	60.1	55.6	59.1	60.1	58.9	64.8	73.3
	Other	85.5	77.4	66.5	63.1	60.0	55.4	57.1	59.3	64.6	65.8	72.9
	Pacific Island	90.3	82.9	67.0	63.4	62.6	58.7	60.9	63.7	65.0	67.6	76.7
Auckland Total		85.4	77.8	66.4	63.1	60.4	55.9	57.8	60.0	64.1	66.0	73.5
Bay of Plenty	Māori	72.2	64.4	63.5	59.5	54.5	54.4	53.2	50.8	55.4	64.7	73.0
	Other	77.8	75.7	67.8	61.4	59.5	57.5	57.1	53.1	54.8	62.0	68.3
	Pacific Island	75.4	73.1	62.3	55.9	48.0	63.8	48.8	55.6	54.0	58.5	77.1
Bay of Plenty Total		76.8	73.7	67.0	61.1	58.6	57.1	56.4	52.8	54.9	62.4	69.2
Canterbury	Māori	84.0	79.5	79.9	78.8	71.6	55.9	53.8	57.9	57.6	49.6	88.7
	Other	81.7	78.6	78.3	74.2	62.1	54.5	50.9	54.2	54.4	53.0	74.8
	Pacific Island	87.0	82.7	79.8	87.4	71.0	55.9	54.4	56.3	60.4	48.3	86.2
Canterbury Total		81.9	78.7	78.4	74.7	62.8	54.6	51.2	54.5	54.7	52.6	76.2
Capital and Coast	Māori	78.9	81.4	80.1	54.9	53.4	49.9	46.1	48.7	55.0	63.0	70.8
	Other	82.8	91.2	84.1	57.9	56.6	49.6	47.9	50.8	56.0	64.2	71.2
	Pacific Island	81.4	90.1	79.3	56.6	54.6	48.3	49.4	50.4	56.1	64.7	68.6
Capital and Coast Total		82.2	90.0	83.2	57.5	56.0	49.5	47.8	50.5	55.9	64.1	70.9
Counties Manukau	Māori	80.4	81.1	63.7	68.1	67.5	55.2	56.0	56.6	59.5	55.6	61.4
	Other	76.2	78.8	63.8	65.7	65.5	54.7	49.5	49.9	52.3	54.9	58.7
	Pacific Island	84.8	84.1	68.6	72.4	73.3	55.5	57.2	60.5	65.0	57.3	62.8
Counties Manukau Total		78.2	80.0	64.7	67.1	67.0	54.9	51.5	52.4	55.3	55.5	59.9
Hawkes Bay	Māori	83.8	87.5	71.5	70.0	53.6	55.7	63.7	63.8	72.5	92.9	93.5
	Other	77.9	93.2	73.6	66.3	48.4	54.5	62.6	61.2	71.1	79.5	91.0
	Pacific Island	93.0	90.5	74.2	75.5	62.8	58.3	67.8	66.8	73.0	77.5	93.7
Hawkes Bay Total		79.4	91.9	73.2	67.3	49.8	54.8	63.0	61.9	71.5	82.7	91.6
Hutt Valley	Māori	94.1	89.9	89.2	84.0	81.1	67.6	66.6	66.3	54.4	51.4	100.0
	Other	83.2	84.4	84.3	77.2	72.8	60.9	60.7	60.9	51.6	50.9	88.1
	Pacific Island	82.9	102.7	90.7	91.3	79.1	70.7	72.9	66.2	57.1	53.1	97.4
Hutt Valley Total		84.7	86.1	85.3	78.8	74.2	62.2	61.9	61.8	52.2	51.1	90.5
Lakes	Māori	75.2	62.3	61.2	62.3	56.2	65.2	65.4	60.3	55.5	65.1	76.5
	Other	61.0	54.0	55.7	54.3	50.0	64.0	54.1	55.6	49.2	55.7	67.4

	Pacific Island	60.7	70.2	60.8	63.0	58.6	77.7	68.6	54.3	51.0	67.4	63.1
Lakes Total		64.8	56.5	57.3	56.6	51.8	64.6	57.4	56.9	51.1	58.7	70.0
MidCentral	Māori	81.4	61.4	62.2	62.6	66.5	58.1	65.1	58.3	64.5	75.3	87.9
	Other	71.2	55.8	57.4	58.1	60.3	53.9	61.9	55.7	60.4	73.5	91.0
	Pacific Island	75.8	57.4	63.2	65.0	63.8	59.6	63.5	62.4	66.8	70.1	94.0
MidCentral Total		72.5	56.5	58.1	58.8	61.1	54.5	62.4	56.2	61.1	73.7	90.6
Nelson Marlborough	Māori	82.4	75.9	66.3	70.0	57.2	63.4	62.8	64.4	57.7	61.3	73.0
	Other	89.4	83.8	71.6	71.5	60.8	62.7	63.2	66.7	60.9	61.0	67.3
	Pacific Island	81.5	82.7	65.6	73.8	52.8	59.6	60.8	60.5	63.3	65.7	74.8
Nelson Marlborough Total		89.0	83.3	71.2	71.4	60.4	62.7	63.2	66.4	60.7	61.1	67.8
Northland	Māori	89.7	91.1	85.5	84.0	76.3	76.4	76.0	82.3	98.2	115.1	143.6
	Other	86.3	90.3	84.9	86.8	77.9	73.6	78.0	83.7	97.5	111.4	135.0
	Pacific Island	106.1	90.0	70.3	90.7	77.8	70.8	82.5	81.6	106.4	106.2	165.1
Northland Total		87.3	90.5	85.0	86.1	77.5	74.4	77.5	83.2	97.9	112.5	138.3
South Canterbury	Māori	112.6	98.8	83.9	53.5	61.5	50.8	52.3	58.4	85.4	87.6	88.5
	Other	106.1	98.7	77.4	59.5	56.3	44.1	51.0	60.6	73.5	82.0	73.9
	Pacific Island	141.2	116.4	76.4	57.7	68.6	38.0	63.6	59.7	94.0	92.9	87.8
South Canterbury Total		106.7	98.9	77.7	59.1	56.7	44.4	51.2	60.5	74.5	82.6	75.3
Southern	Māori	77.9	83.2	70.5	76.3	66.3	58.9	59.2	65.5	71.9	72.2	107.5
	Other	65.8	68.7	65.0	64.2	60.5	56.8	56.4	65.6	67.3	74.1	95.9
	Pacific Island	76.2	84.3	78.8	78.4	74.1	64.2	60.5	78.2	68.1	73.0	95.6
Southern Total		66.7	69.8	65.5	65.1	61.1	57.0	56.7	65.8	67.6	73.9	96.8
Tairāwhiti	Māori	67.6	60.6	57.0	53.7	55.4	51.2	48.4	46.4	46.4	43.1	73.2
	Other	62.8	58.8	52.5	52.4	52.1	49.7	45.0	44.0	45.0	43.5	61.9
	Pacific Island	70.8	38.0	37.8	53.5	49.3	45.7	39.5	45.9	39.6	58.1	66.0
Tairāwhiti Total		64.7	59.3	53.9	52.9	53.2	50.1	46.0	44.7	45.4	43.6	65.9
Taranaki	Māori	57.9	76.6	79.0	70.5	63.9	63.9	67.7	64.8	76.6	97.0	111.9
	Other	64.7	74.6	75.6	66.4	65.0	58.2	66.0	60.9	70.7	88.8	90.9
	Pacific Island	61.3	88.0	85.1	78.9	57.0	55.4	67.0	63.5	69.3	94.1	95.5
Taranaki Total		63.7	74.9	76.0	66.9	64.8	58.9	66.2	61.5	71.5	89.9	93.7
Waikato	Māori	75.3	83.8	88.9	78.2	81.2	60.1	63.7	61.6	61.0	68.9	83.4
	Other	71.9	77.9	88.9	80.5	79.4	61.4	65.1	60.0	56.9	60.7	65.1
	Pacific Island	75.7	81.0	90.8	77.7	81.7	61.2	61.9	65.2	64.2	71.9	85.3
Waikato Total		72.5	79.0	88.9	80.1	79.8	61.2	64.8	60.3	57.8	62.4	68.8
Wairarapa	Māori	84.1	96.9	98.6	104.1	81.7	75.1	78.2	81.4	76.9	103.8	81.9
	Other	85.5	96.9	107.2	103.6	91.6	71.8	75.2	87.6	80.5	95.1	89.4
	Pacific Island	92.3	84.6	122.9	87.3	84.2	92.0	80.3	75.6	51.9	109.5	81.0
Wairarapa Total		85.4	96.8	106.3	103.4	90.4	72.4	75.6	86.8	79.7	96.2	88.3
Waitemata	Māori	69.3	75.6	57.5	61.9	69.6	68.9	59.1	58.9	60.6	76.1	101.0

	Other	66.0	70.7	61.5	59.8	61.3	61.8	54.5	50.1	55.3	67.0	84.2
	Pacific Island	66.2	75.8	62.2	68.3	71.9	69.6	56.9	57.4	61.5	75.1	87.2
Waitemata Total		66.3	71.4	61.3	60.3	62.4	62.7	54.9	51.1	56.0	68.0	85.5
West Coast	Māori	79.9	71.7	78.3	61.0	43.7	34.7	39.9	34.3	40.6	54.1	83.8
	Other	77.4	71.6	79.4	60.4	45.3	35.7	38.1	36.5	42.1	50.2	60.7
	Pacific Island	100.8	63.6	52.0	58.2	40.6	54.8	52.4	35.7	47.1	36.4	52.7
West Coast Total		77.6	71.6	79.2	60.4	45.2	35.8	38.3	36.4	42.1	50.5	62.2
Whanganui	Māori	56.5	78.0	100.7	89.3	79.9	83.7	71.4	77.1	70.9	77.4	70.9
	Other	54.4	72.1	93.2	75.7	72.4	76.9	70.2	76.5	67.1	74.4	74.3
	Pacific Island	55.5	89.3	82.2	98.0	83.5	82.4	75.0	73.1	72.2	87.5	85.7
Whanganui Total		54.8	73.1	94.4	78.6	73.9	78.2	70.5	76.6	68.0	75.3	73.7

Table 3. The number of patients exited from NBRS having received elective treatment by ethnicity for each DHB from 2010-2020.

Data for 2020 includes patients exited between 01 January and 30 November 2020; it excludes December 2020 results as this data is not yet complete in NBRS. The dataset includes Publicly Funded, Normal procedures and excludes patients waiting for a planned, staged or surveillance procedure.

Data Extracted from NBRS on 11 January 2021

DHB Name	Prioritised Ethnicity											2020 (YTD 01 Jan - 30 Nov)	
		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Auckland	Māori	1,868	2,027	2,244	2,344	2,341	2,584	2,575	2,778	2,851	3,077	2,638	
	Other	12,425	14,338	15,499	16,733	16,520	17,268	18,002	18,777	18,917	19,543	16,988	
	Pacific Island	2,138	2,468	2,771	2,720	2,933	3,124	3,273	3,417	3,750	3,818	3,164	
Auckland Total		16,431	18,833	20,514	21,797	21,794	22,976	23,850	24,972	25,518	26,438	22,790	
Bay of Plenty	Māori	1,760	1,948	2,015	1,949	2,129	2,307	2,124	2,415	2,561	2,564	2,463	
	Other	8,197	9,037	9,745	9,639	11,265	11,389	11,846	12,114	12,615	11,907	11,152	
	Pacific Island	108	105	87	104	115	114	137	146	171	143	139	
Bay of Plenty Total		10,065	11,090	11,847	11,692	13,509	13,810	14,107	14,675	15,347	14,614	13,754	
Canterbury	Māori	913	979	1,051	1,165	1,197	1,128	1,152	1,184	1,226	1,581	1,329	
	Other	15,195	16,675	18,735	17,987	17,562	17,560	16,611	16,247	15,090	17,519	14,580	
	Pacific Island	283	265	319	334	309	316	343	326	316	457	408	
Canterbury Total		16,391	17,919	20,105	19,486	19,068	19,004	18,106	17,757	16,632	19,557	16,317	
Capital and Coast	Māori	1,231	1,304	1,396	1,533	1,554	1,514	1,492	1,653	1,691	1,684	1,571	
	Other	7,739	8,702	9,315	9,830	10,266	10,602	10,241	10,398	10,588	9,988	8,758	
	Pacific Island	855	891	966	988	998	1,028	922	989	1,068	1,013	902	
Capital and Coast Total		9,825	10,897	11,677	12,351	12,818	13,144	12,655	13,040	13,347	12,685	11,231	
Counties Manukau	Māori	1,724	1,850	1,873	2,046	1,918	1,843	1,896	1,882	1,806	1,875	1,729	
	Other	9,632	10,141	10,562	11,274	11,586	11,010	11,933	11,330	11,117	9,464	8,521	
	Pacific Island	2,423	2,558	2,613	2,704	2,645	2,508	2,577	2,544	2,541	2,863	2,723	
Counties Manukau Total		13,779	14,549	15,048	16,024	16,149	15,361	16,406	15,756	15,464	14,202	12,973	
Hawkes Bay	Māori	1,054	979	1,067	1,079	1,193	1,177	1,323	1,226	1,227	1,334	1,093	
	Other	4,002	3,370	3,559	3,777	4,276	4,235	4,533	4,372	3,982	4,044	3,510	
	Pacific Island	102	113	120	125	114	133	168	138	148	156	141	
Hawkes Bay Total		5,158	4,462	4,746	4,981	5,583	5,545	6,024	5,736	5,357	5,534	4,744	
Hutt Valley	Māori	689	670	657	655	665	634	695	720	794	831	780	
	Other	4,114	4,156	4,273	4,357	4,458	4,319	5,074	5,097	4,651	4,682	4,073	
	Pacific Island	260	280	286	270	291	257	251	325	297	313	290	
Hutt Valley Total		5,063	5,106	5,216	5,282	5,414	5,210	6,020	6,142	5,742	5,826	5,143	
Lakes	Māori	1,051	1,246	1,300	1,411	1,282	1,279	1,375	1,339	1,437	1,396	1,297	
	Other	2,867	3,398	3,491	3,609	3,466	3,353	3,555	3,491	3,256	3,334	3,075	
	Pacific Island	58	80	90	73	78	86	84	107	94	106	93	
Lakes Total		3,976	4,724	4,881	5,093	4,826	4,718	5,014	4,937	4,787	4,836	4,465	
MidCentral	Māori	715	856	812	787	926	871	965	882	909	986	860	
	Other	5,136	6,148	5,882	6,104	6,542	6,053	6,509	6,288	6,417	5,073	4,336	

	Pacific Island	92	105	108	135	128	127	137	156	168	130	105
MidCentral Total		5,943	7,109	6,802	7,026	7,596	7,051	7,611	7,326	7,494	6,189	5,301
Nelson Marlborough	Māori	302	373	435	413	424	417	416	459	446	486	400
	Other	5,491	5,630	5,950	5,460	5,993	5,769	5,909	5,924	5,412	5,385	4,427
	Pacific Island	41	55	47	46	72	63	74	55	60	59	44
Nelson Marlborough Total		5,834	6,058	6,432	5,919	6,489	6,249	6,399	6,438	5,918	5,930	4,871
Northland	Māori	1,651	1,734	1,588	1,670	1,413	1,512	1,541	1,752	1,757	1,898	1,563
	Other	4,623	5,043	4,931	4,753	3,675	3,841	3,511	3,653	3,758	3,913	3,027
	Pacific Island	42	66	49	64	42	52	77	79	89	98	68
Northland Total		6,316	6,843	6,568	6,487	5,130	5,405	5,129	5,484	5,604	5,909	4,658
South Canterbury	Māori	121	127	115	138	116	136	120	146	159	207	149
	Other	2,675	2,585	2,407	2,489	2,415	2,312	2,259	2,365	2,320	2,194	1,748
	Pacific Island	20	27	20	20	25	29	25	26	33	32	44
South Canterbury Total		2,816	2,739	2,542	2,647	2,556	2,477	2,404	2,537	2,512	2,433	1,941
Southern	Māori	613	605	696	584	729	687	744	789	885	916	800
	Other	9,669	9,413	9,960	9,535	10,367	11,074	11,446	11,350	11,465	10,808	8,890
	Pacific Island	139	148	127	133	144	148	164	146	164	185	155
Southern Total		10,421	10,166	10,783	10,252	11,240	11,909	12,354	12,285	12,514	11,909	9,845
Tairāwhiti	Māori	708	661	597	629	694	716	568	557	625	636	700
	Other	1,164	1,218	1,138	1,189	1,238	1,424	1,274	1,203	1,191	1,286	1,253
	Pacific Island	12	9	19	25	28	23	24	19	23	25	24
Tairāwhiti Total		1,884	1,888	1,754	1,843	1,960	2,163	1,866	1,779	1,839	1,947	1,977
Taranaki	Māori	533	462	528	522	598	652	627	725	647	595	589
	Other	3,126	3,629	4,253	3,833	4,154	4,109	4,224	4,323	4,146	4,058	3,796
	Pacific Island	24	35	29	35	34	34	39	36	33	32	31
Taranaki Total		3,683	4,126	4,810	4,390	4,786	4,795	4,890	5,084	4,826	4,685	4,416
Waikato	Māori	2,989	3,140	3,141	3,099	3,276	3,294	3,236	3,693	4,294	3,978	3,413
	Other	14,887	15,029	14,994	15,387	16,272	15,455	16,072	18,061	19,319	17,738	15,172
	Pacific Island	294	280	276	314	330	360	328	373	503	408	397
Waikato Total		18,170	18,449	18,411	18,800	19,878	19,109	19,636	22,127	24,116	22,124	18,982
Wairarapa	Māori	174	161	169	128	143	137	129	131	145	125	143
	Other	1,316	1,197	1,050	992	1,071	943	984	1,052	1,000	1,024	1,004
	Pacific Island	11	12	22	14	16	12	19	15	14	15	24
Wairarapa Total		1,501	1,370	1,241	1,134	1,230	1,092	1,132	1,198	1,159	1,164	1,171
Waitemata	Māori	724	830	920	823	923	831	1,051	1,137	1,104	1,133	958
	Other	7,784	8,386	10,477	10,574	12,460	10,910	13,332	14,194	13,745	13,921	11,919
	Pacific Island	504	588	595	616	780	652	807	795	709	748	722
Waitemata Total		9,012	9,804	11,992	12,013	14,163	12,393	15,190	16,126	15,558	15,802	13,599
West Coast	Māori	83	127	106	119	121	137	110	110	119	137	99
	Other	1,463	1,918	1,505	1,421	1,836	1,548	1,517	1,497	1,488	1,349	1,337
	Pacific Island	5	17	4	5	9	15	5	6	15	8	11
West Coast Total		1,551	2,062	1,615	1,545	1,966	1,700	1,632	1,613	1,622	1,494	1,447
Whanganui	Māori	607	522	567	605	597	601	587	629	685	641	529
	Other	2,945	2,831	2,519	2,498	2,678	2,808	2,612	2,523	2,527	2,358	1,734
	Pacific Island	38	24	44	39	50	55	56	52	51	45	35

Whanganui Total	3,590	3,377	3,130	3,142	3,325	3,464	3,255	3,204	3,263	3,044	2,298
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Table 4. The number of patients exited from NBRS having received elective treatment in each speciality by

Data for 2020 includes patients exited between 01 January and 30 November 2020; it excludes December 2020. The dataset includes Publicly Funded, Normal procedures and excludes patients waiting for a planned, stage 2 procedure. Data Extracted from NBRS on 11 January 2021

DHB Name	Prioritised Ethnicity	Specialty Name	2010	2011		
Auckland	Māori	Cardiology	84	100		
		Cardiothoracic	138	103		
		Dental	255	268		
		Ear, Nose & Throat	274	323		
		Gastroenterology	24	20		
		General Surgery	167	204		
		Gynaecology	192	200		
		Neurosurgery	56	62		
		Ophthalmology	208	269		
		Orthopaedics	141	163		
		Paediatric Surgery	208	181		
		Plastics				
		Renal Medicine				
		Respiratory	18	16		
		Urology	78	84		
		Vascular	25	34		
			Māori Total		1,868	2,027
			Other			
			Cardiology	169	263	
			Cardiothoracic	723	651	
			Dental	863	962	
			Ear, Nose & Throat	1,231	1,312	
			Gastroenterology	143	166	
			General Surgery	1,932	2,474	
			Gynaecology	1,381	1,471	
			Neurosurgery	329	323	
			Ophthalmology	2,804	3,542	
			Orthopaedics	1,022	1,247	
			Paediatric Medicine			
		Paediatric Surgery	675	718		
		Plastics	7	12		
		Renal Medicine				
		Respiratory	51	30		
		Urology	870	948		
		Vascular	225	219		
			Other Total	12,425	14,338	
	Pacific Island					
		Cardiology	35	66		
		Cardiothoracic	118	110		
		Dental	304	344		
		Ear, Nose & Throat	294	333		
		Gastroenterology	7	4		
		General Surgery	152	206		

		Gynaecology	255	250
		Neurosurgery	47	50
		Ophthalmology	485	621
		Orthopaedics	142	175
		Paediatric Surgery	156	149
		Plastics		2
		Renal Medicine		
		Respiratory	7	12
		Urology	124	134
		Vascular	12	12
	Pacific Island Total		2,138	2,468
Auckland Total			16,431	18,833
Bay of Plenty	Māori	Cardiology	44	55
		Dental	211	201
		Dermatology		
		Ear, Nose & Throat	236	243
		Gastroenterology	100	77
		General Surgery	411	502
		Gynaecology	266	238
		Ophthalmology	143	150
		Orthopaedics	267	311
		Paediatric Surgery		
		Plastics	8	23
		Respiratory	28	29
		Urology	32	86
		Vascular	14	33
	Māori Total		1,760	1,948
	Other	Cardiology	334	351
		Dental	422	418
		Dermatology		
		Ear, Nose & Throat	496	541
		Gastroenterology	1,129	1,014
		General Surgery	2,439	2,593
		Gynaecology	703	721
		Ophthalmology	854	1,012
		Orthopaedics	1,235	1,443
		Paediatric Surgery		
		Plastics	164	154
		Respiratory	112	109
		Urology	220	525
		Vascular	89	156
	Other Total		8,197	9,037
	Pacific Island	Cardiology	2	1
		Dental	8	18
		Ear, Nose & Throat	23	14
		Gastroenterology	8	5
		General Surgery	25	17
		Gynaecology	18	8
		Ophthalmology	7	12
		Orthopaedics	15	20

		Paediatric Surgery		
		Plastics	1	1
		Respiratory		
		Urology	1	7
		Vascular		2
	Pacific Island Total		108	105
Bay of Plenty Total			10,065	11,090
Canterbury	Māori	Cardiology	43	48
		Cardiothoracic	12	7
		Dental	89	83
		Ear, Nose & Throat	213	189
		General Surgery	87	142
		Gynaecology	134	151
		Neurosurgery	24	16
		Ophthalmology	74	89
		Orthopaedics	65	62
		Paediatric Surgery	43	48
		Plastics	74	73
		Urology	43	52
		Vascular	12	19
	Māori Total		913	979
	Other	Cardiology	973	1,312
		Cardiothoracic	206	206
		Dental	553	421
		Ear, Nose & Throat	1,663	1,622
		General Surgery	1,545	2,242
		Gynaecology	1,321	1,784
		Neurosurgery	335	267
		Ophthalmology	2,400	2,692
		Orthopaedics	1,399	1,418
		Paediatric Surgery	365	474
		Plastics	2,924	2,676
		Urology	1,282	1,217
		Vascular	229	344
	Other Total		15,195	16,675
	Pacific Island	Cardiology	10	17
		Cardiothoracic	2	2
		Dental	52	24
		Ear, Nose & Throat	53	41
		General Surgery	18	35
		Gynaecology	35	33
		Neurosurgery	3	2
		Ophthalmology	49	47
		Orthopaedics	9	19
		Paediatric Surgery	11	16
		Plastics	16	16
		Urology	20	11
		Vascular	5	2
	Pacific Island Total		283	265
Canterbury Total			16,391	17,919

Capital and Coast	Māori	Cardiology	107	102	
		Cardiothoracic	51	43	
		Dental	129	128	
		Ear, Nose & Throat	164	205	
		General Surgery	132	150	
		Gynaecology	171	184	
		Neurosurgery	35	54	
		Ophthalmology	107	154	
		Orthopaedics	105	86	
		Paediatric Surgery	116	102	
		Urology	68	58	
		Vascular	46	38	
		Māori Total	1,231	1,304	
		Other	Cardiology	794	807
			Cardiothoracic	394	397
	Dental		359	368	
	Ear, Nose & Throat		628	718	
	General Surgery		894	1,050	
	Gynaecology		1,019	1,112	
	Neurosurgery		249	285	
	Ophthalmology		1,012	1,472	
	Orthopaedics		1,096	1,077	
	Paediatric Surgery		405	395	
	Urology		540	610	
	Vascular		349	411	
	Other Total	7,739	8,702		
	Pacific Island	Cardiology	44	51	
Cardiothoracic		11	26		
Dental		139	94		
Ear, Nose & Throat		125	122		
General Surgery		85	71		
Gynaecology		122	118		
Neurosurgery		11	16		
Ophthalmology		129	224		
Orthopaedics		73	59		
Paediatric Surgery		33	39		
Urology	51	41			
Vascular	32	30			
Pacific Island Total	855	891			
Capital and Coast Total		9,825	10,897		
Counties Manukau	Māori	Cardiology			
		Ear, Nose & Throat	388	444	
		General Surgery	399	426	
		Gynaecology	320	310	
		Ophthalmology	256	209	
		Orthopaedics	247	283	
		Plastics	101	165	
		Urology	13	13	
	Māori Total	1,724	1,850		
	Other	Cardiology			

		Ear, Nose & Throat	1,097	1,166
		General Surgery	1,812	1,949
		Gynaecology	1,021	1,022
		Ophthalmology	1,886	1,601
		Orthopaedics	1,314	1,479
		Plastics	2,322	2,747
		Urology	180	177
	Other Total		9,632	10,141
	Pacific Island	Cardiology		
		Ear, Nose & Throat	481	493
		General Surgery	376	425
		Gynaecology	407	411
		Ophthalmology	745	726
		Orthopaedics	299	340
		Plastics	98	142
		Urology	17	21
	Pacific Island Total		2,423	2,558
Counties Manukau Total			13,779	14,549
Hawkes Bay	Māori	Cardiology		
		Dental	93	126
		Ear, Nose & Throat	258	192
		Gastroenterology	75	
		General Medicine	2	
		General Surgery	162	151
		Gynaecology	138	144
		Ophthalmology	101	110
		Orthopaedics	117	123
		Plastics	19	40
		Urology	70	74
		Vascular	19	19
	Māori Total		1,054	979
	Other	Cardiology		
		Dental	111	91
		Ear, Nose & Throat	429	370
		Gastroenterology	794	
		General Medicine	10	
		General Surgery	631	609
		Gynaecology	350	372
		Ophthalmology	564	742
		Orthopaedics	589	647
		Plastics	124	167
		Urology	382	346
		Vascular	18	26
	Other Total		4,002	3,370
	Pacific Island	Cardiology		
		Dental	9	11
		Ear, Nose & Throat	36	25
		Gastroenterology	6	
		General Surgery	9	13
		Gynaecology	9	7

		Ophthalmology	14	27
		Orthopaedics	7	9
		Plastics	1	5
		Urology	7	13
		Vascular	4	3
	Pacific Island Total		102	113
Hawkes Bay Total			5,158	4,462
Hutt Valley	Māori	Dental	136	132
		Ear, Nose & Throat	142	150
		General Surgery	133	125
		Gynaecology	119	97
		Ophthalmology		
		Orthopaedics	50	55
		Plastics	109	111
	Māori Total		689	670
	Other	Dental	217	209
		Ear, Nose & Throat	356	411
		General Surgery	682	596
		Gynaecology	502	465
		Ophthalmology		
		Orthopaedics	463	454
		Plastics	1,894	2,021
	Other Total		4,114	4,156
	Pacific Island	Dental	59	56
		Ear, Nose & Throat	41	52
		General Surgery	35	47
		Gynaecology	59	52
		Ophthalmology		
		Orthopaedics	25	37
		Plastics	41	36
	Pacific Island Total		260	280
Hutt Valley Total			5,063	5,106
Lakes	Maori	Dental	127	139
		Ear, Nose & Throat	205	207
		Gastroenterology	53	59
		General Medicine	11	17
		General Surgery	290	328
		Gynaecology	149	164
		Ophthalmology	75	166
		Orthopaedics	141	166
		Paediatric Surgery		
	Maori Total		1,051	1,246
	Other	Dental	80	87
		Ear, Nose & Throat	283	312
		Gastroenterology	256	266
		General Medicine	20	32
		General Surgery	1,171	1,195
		Gynaecology	259	307
		Ophthalmology	283	705
		Orthopaedics	515	494

		Paediatric Surgery		
	Other Total		2,867	3,398
	Pacific Island	Dental	5	10
		Ear, Nose & Throat	7	11
		Gastroenterology	5	5
		General Medicine		
		General Surgery	18	19
		Gynaecology	7	6
		Ophthalmology	9	18
		Orthopaedics	7	11
		Paediatric Surgery		
	Pacific Island Total		58	80
Lakes Total			3,976	4,724
MidCentral	Maori	Cardiology	9	17
		Dental	134	187
		Ear, Nose & Throat	127	143
		General Surgery	172	183
		Gynaecology	94	97
		Ophthalmology	53	76
		Orthopaedics	64	90
		Plastics		1
		Urology	62	62
	Maori Total		715	856
	Other	Cardiology	151	193
		Dental	424	525
		Ear, Nose & Throat	563	591
		General Surgery	1,529	1,783
		Gynaecology	518	562
		Ophthalmology	730	905
		Orthopaedics	688	860
		Plastics		3
		Urology	533	726
	Other Total		5,136	6,148
	Pacific Island	Cardiology	4	2
		Dental	18	12
		Ear, Nose & Throat	17	16
		General Surgery	16	23
		Gynaecology	5	15
		Ophthalmology	12	14
		Orthopaedics	13	12
		Plastics		
		Urology	7	11
	Pacific Island Total		92	105
MidCentral Total			5,943	7,109
Nelson Marlborough	Maori	Cardiology	8	14
		Dental	46	59
		Ear, Nose & Throat	61	60
		General Surgery	67	86
		Gynaecology	61	72
		Ophthalmology	17	16

		Orthopaedics	30	44
		Plastics		
		Urology	12	22
		Vascular		
	Maori Total		302	373
	Other	Cardiology	329	363
		Dental	270	244
		Ear, Nose & Throat	726	593
		General Surgery	1,668	1,606
		Gynaecology	756	875
		Ophthalmology	512	619
		Orthopaedics	736	902
		Plastics		
		Urology	494	428
		Vascular		
	Other Total		5,491	5,630
	Pacific Island	Cardiology	2	3
		Dental	12	8
		Ear, Nose & Throat	10	11
		General Surgery	6	9
		Gynaecology	5	11
		Ophthalmology	2	8
		Orthopaedics	2	5
		Urology	2	
		Vascular		
	Pacific Island Total		41	55
Nelson Marlborough Total			5,834	6,058
Northland	Maori	Dental	216	200
		Ear, Nose & Throat	209	270
		Gastroenterology	78	32
		General Surgery	489	643
		Gynaecology	174	149
		Ophthalmology	164	171
		Orthopaedics	217	174
		Paediatric Surgery		
		Plastics	11	15
		Urology	93	80
	Maori Total		1,651	1,734
	Other	Dental	145	161
		Ear, Nose & Throat	389	441
		Gastroenterology	360	88
		General Surgery	1,906	2,464
		Gynaecology	333	347
		Ophthalmology	478	531
		Orthopaedics	588	612
		Paediatric Surgery		
		Plastics	71	79
		Urology	353	320
	Other Total		4,623	5,043
	Pacific Island	Dental	7	5

		Ear, Nose & Throat	3	10
		Gastroenterology	2	3
		General Surgery	9	17
		Gynaecology	4	6
		Ophthalmology	6	11
		Orthopaedics	8	8
		Plastics		3
		Urology	3	3
		Pacific Island Total	42	66
Northland Total			6,316	6,843
South Canterbury	Maori	Dental	21	16
		Ear, Nose & Throat	34	38
		General Surgery	25	22
		Gynaecology	20	24
		Ophthalmology	6	8
		Orthopaedics	14	16
		Paediatric Surgery	1	3
		Maori Total	121	127
	Other	Dental	165	135
		Ear, Nose & Throat	424	409
		General Surgery	825	780
		Gynaecology	438	503
		Ophthalmology	283	262
		Orthopaedics	525	481
		Paediatric Surgery	15	15
		Other Total	2,675	2,585
	Pacific Island	Dental	4	7
		Ear, Nose & Throat	7	9
		General Surgery		6
		Gynaecology	6	3
		Ophthalmology	1	
		Orthopaedics	2	2
		Paediatric Surgery		
		Pacific Island Total	20	27
South Canterbury Total			2,816	2,739
Southern	Maori	Cardiology	21	21
		Cardiothoracic	4	7
		Dental	66	47
		Ear, Nose & Throat	155	160
		General Surgery	77	110
		Gynaecology	71	76
		Neurosurgery	2	4
		Ophthalmology	59	49
		Orthopaedics	76	70
		Paediatric Surgery	13	15
		Plastics	18	10
		Urology	51	36
		Vascular		
		Maori Total	613	605
	Other	Cardiology	509	608

		Cardiothoracic	128	151
		Dental	245	257
		Ear, Nose & Throat	1,793	1,599
		General Surgery	1,652	1,744
		Gynaecology	881	868
		Neurosurgery	90	109
		Ophthalmology	1,406	1,369
		Orthopaedics	1,541	1,266
		Paediatric Surgery	78	57
		Plastics	307	343
		Urology	1,039	1,042
		Vascular		
	Other Total		9,669	9,413
	Pacific Island	Cardiology	4	4
		Cardiothoracic	1	2
		Dental	15	17
		Ear, Nose & Throat	35	36
		General Surgery	21	19
		Gynaecology	17	12
		Neurosurgery	1	
		Ophthalmology	16	28
		Orthopaedics	18	14
		Paediatric Surgery	2	1
		Plastics	4	7
		Urology	5	8
		Vascular		
	Pacific Island Total		139	148
Southern Total			10,421	10,166
Tairawhiti	Maori	Dental	63	46
		Ear, Nose & Throat	120	123
		General Medicine		
		General Surgery	211	229
		Gynaecology	118	104
		Ophthalmology	51	58
		Orthopaedics	113	81
		Plastics	3	5
		Urology	29	15
	Maori Total		708	661
	Other	Dental	13	15
		Ear, Nose & Throat	255	272
		General Medicine		
		General Surgery	440	501
		Gynaecology	116	119
		Ophthalmology	90	98
		Orthopaedics	172	141
		Plastics	8	14
		Urology	70	58
	Other Total		1,164	1,218
	Pacific Island	Dental		1
		Ear, Nose & Throat	2	5

		General Surgery	3	
		Gynaecology	2	3
		Ophthalmology	1	
		Orthopaedics	3	
		Plastics		
		Urology	1	
	Pacific Island Total		12	9
Tairawhiti Total			1,884	1,888
Taranaki	Maori	Cardiology	22	35
		Dental	77	61
		Ear, Nose & Throat	93	92
		General Surgery	134	133
		Gynaecology	131	70
		Ophthalmology	20	22
		Orthopaedics	34	22
		Urology	22	27
		Vascular		
	Maori Total		533	462
	Other	Cardiology	175	269
		Dental	266	265
		Ear, Nose & Throat	427	447
		General Surgery	1,169	1,386
		Gynaecology	382	357
		Ophthalmology	215	356
		Orthopaedics	277	340
		Urology	215	209
		Vascular		
	Other Total		3,126	3,629
	Pacific Island	Cardiology		
		Dental	8	6
		Ear, Nose & Throat	3	6
		General Surgery	5	9
		Gynaecology	4	5
		Ophthalmology	3	2
		Orthopaedics		3
		Urology	1	4
		Vascular		
	Pacific Island Total		24	35
Taranaki Total			3,683	4,126
Waikato	Maori	Cardiology	168	193
		Cardiothoracic	68	62
		Dental	219	165
		Ear, Nose & Throat	423	431
		Gastroenterology	84	138
		General Surgery	552	613
		Gynaecology	271	263
		Neurosurgery	50	64
		Ophthalmology	235	246
		Orthopaedics	240	266
		Paediatric Surgery	213	268

		Plastics	144	125
		Respiratory	134	118
		Urology		
		Vascular	188	188
	Maori Total		2,989	3,140
	Other	Cardiology	938	923
		Cardiothoracic	248	264
		Dental	331	262
		Ear, Nose & Throat	1,138	1,047
		Gastroenterology	975	1,165
		General Surgery	3,471	3,564
		Gynaecology	986	951
		Neurosurgery	181	208
		Ophthalmology	1,585	1,324
		Orthopaedics	1,413	1,435
		Paediatric Surgery	549	589
		Plastics	2,058	2,286
		Respiratory	377	382
		Urology	2	
		Vascular	635	629
	Other Total		14,887	15,029
	Pacific Island	Cardiology	14	30
		Cardiothoracic	3	
		Dental	26	16
		Ear, Nose & Throat	37	33
		Gastroenterology	11	11
		General Surgery	55	45
		Gynaecology	30	28
		Neurosurgery	1	3
		Ophthalmology	34	37
		Orthopaedics	26	25
		Paediatric Surgery	14	10
		Plastics	8	15
		Respiratory	19	15
		Urology		
		Vascular	16	12
	Pacific Island Total		294	280
Waikato Total			18,170	18,449
Wairarapa	Maori	Dental	2	
		Ear, Nose & Throat	28	22
		General Surgery	36	36
		Gynaecology	39	45
		Ophthalmology	13	10
		Orthopaedics	29	28
		Paediatric Surgery	3	2
		Plastics	17	16
		Urology	7	2
	Maori Total		174	161
	Other	Dental	4	6
		Ear, Nose & Throat	46	42

		General Surgery	243	298
		Gynaecology	224	191
		Ophthalmology	176	166
		Orthopaedics	253	231
		Paediatric Surgery	5	4
		Plastics	288	190
		Urology	77	69
	Other Total		1,316	1,197
	Pacific Island	Ear, Nose & Throat	2	3
		General Surgery	1	1
		Gynaecology	2	2
		Ophthalmology	3	1
		Orthopaedics	2	4
		Paediatric Surgery		
		Plastics	1	1
		Urology		
	Pacific Island Total		11	12
Wairarapa Total			1,501	1,370
Waitemata	Maori	Cardiology	24	40
		Ear, Nose & Throat	218	265
		General Surgery	165	202
		Gynaecology	148	165
		Orthopaedics	123	100
		Urology	46	58
	Maori Total		724	830
	Other	Cardiology	479	506
		Ear, Nose & Throat	1,100	1,287
		General Surgery	2,665	2,744
		Gynaecology	1,063	1,139
		Orthopaedics	1,591	1,642
		Plastics		
		Urology	886	1,068
	Other Total		7,784	8,386
	Pacific Island	Cardiology	18	30
		Ear, Nose & Throat	149	177
		General Surgery	101	124
		Gynaecology	136	123
		Orthopaedics	67	89
		Urology	33	45
	Pacific Island Total		504	588
Waitemata Total			9,012	9,804
West Coast	Maori	Dental	6	14
		General Surgery	31	31
		Gynaecology	19	24
		Ophthalmology	6	10
		Orthopaedics	19	39
		Paediatric Surgery		5
		Plastics		1
		Urology	2	3
	Maori Total		83	127

	Other	Dental	36	54
		General Surgery	602	696
		Gynaecology	175	200
		Ophthalmology	169	250
		Orthopaedics	299	534
		Paediatric Surgery	20	22
		Plastics	72	88
		Urology	90	74
	Other Total		1,463	1,918
	Pacific Island	Dental	3	3
		General Surgery	1	6
		Gynaecology	1	2
		Ophthalmology		
		Orthopaedics		4
		Paediatric Surgery		1
		Plastics		
		Urology		1
	Pacific Island Total		5	17
West Coast Total			1,551	2,062
Whanganui	Maori	Dental	131	106
		Ear, Nose & Throat	61	66
		General Surgery	139	131
		Gynaecology	102	75
		Ophthalmology	49	36
		Orthopaedics	108	95
		Plastics		
		Urology	17	13
	Maori Total		607	522
	Other	Dental	166	82
		Ear, Nose & Throat	225	202
		General Surgery	1,229	1,126
		Gynaecology	267	284
		Ophthalmology	244	223
		Orthopaedics	703	815
		Plastics		
		Urology	111	99
	Other Total		2,945	2,831
	Pacific Island	Dental	17	5
		Ear, Nose & Throat	6	4
		General Surgery	4	5
		Gynaecology	2	2
		Ophthalmology	3	2
		Orthopaedics	6	6
		Plastics		
		Urology		
	Pacific Island Total		38	24
Whanganui Total			3,590	3,377

ethnicity for each DHB from 2010-2020.

2020 results as this data is not yet complete in NBRIS.
 or surveillance procedure.

2012	2013	2014	2015	2016	2017	2018	2019	2020 (YTD 01 Jan - 30 Nov)
137	162	171	155	209	233	259	254	311
134	103	116	91	93	107	142	127	116
314	314	335	412	383	359	386	478	362
364	423	395	444	431	526	480	521	405
35	28	26	32	51	32	47	46	34
163	170	216	240	233	243	219	238	185
186	209	208	190	198	196	191	217	152
74	85	61	77	78	87	78	88	93
293	298	281	320	334	389	420	467	415
180	185	225	217	163	152	173	189	189
206	227	186	218	180	235	243	214	183
2	1		3	1	1	1	5	3
			18	14	9	18	15	16
36	15							
87	93	84	85	114	115	99	114	95
33	31	37	82	93	94	95	104	79
2,244	2,344	2,341	2,584	2,575	2,778	2,851	3,077	2,638
463	877	853	816	931	1,014	1,082	1,111	1,413
737	634	670	661	723	649	667	685	623
908	997	1,077	1,016	1,128	1,134	1,134	1,239	971
1,684	2,137	2,101	2,223	2,314	2,335	2,306	2,311	1,867
215	234	243	298	326	302	323	269	200
2,332	2,485	2,502	2,643	2,553	2,575	2,522	2,614	2,038
1,495	1,593	1,526	1,396	1,486	1,468	1,378	1,399	1,198
301	372	345	412	429	453	427	460	363
4,032	3,900	3,750	4,246	4,425	5,086	5,293	5,698	4,922
1,369	1,422	1,463	1,509	1,302	1,353	1,398	1,444	1,295
								1
733	744	741	707	720	839	775	644	646
6	13	12	13	18	8	17	39	28
			45	67	40	69	81	82
89	41							
850	945	873	825	1,069	1,016	1,051	1,062	970
285	339	364	458	511	505	475	487	371
15,499	16,733	16,520	17,268	18,002	18,777	18,917	19,543	16,988
123	168	153	148	164	193	205	211	205
158	135	146	131	142	165	135	126	93
345	379	508	473	566	558	633	676	421
371	375	401	509	492	489	526	533	404
16	16	12	23	19	17	26	17	12
216	199	227	256	253	256	267	274	252

251	261	279	208	293	267	279	316	231
51	56	61	67	52	65	62	78	76
707	594	601	687	659	773	888	958	827
189	190	197	201	186	172	231	196	200
176	189	181	182	154	182	213	175	169
1	1		1	4	3	2	5	5
			2	17	9	20	10	12
13	8							
124	120	125	132	164	155	158	138	171
30	29	42	104	108	113	105	105	86
2,771	2,720	2,933	3,124	3,273	3,417	3,750	3,818	3,164
20,514	21,797	21,794	22,976	23,850	24,972	25,518	26,438	22,790
61	58	70	101	59	75	96	94	106
242	222	228	292	264	257	269	291	256
							1	
221	232	181	279	198	201	263	210	170
122	88	176	218	229	271	326	279	319
526	509	528	492	538	581	585	625	609
231	241	189	252	208	235	254	239	236
134	130	239	145	186	259	234	333	319
301	273	273	291	249	297	312	236	229
			4	8	13	10	14	10
15	13	31	29	26	26	19	24	23
37	25	46	31	25	35	34	35	1
99	144	146	158	119	138	143	176	155
26	14	22	15	15	27	16	7	30
2,015	1,949	2,129	2,307	2,124	2,415	2,561	2,564	2,463
412	437	449	503	414	507	545	504	501
375	345	299	410	471	376	372	409	271
					7	21	36	18
492	486	413	476	512	438	481	408	308
1,188	1,030	1,948	2,330	2,637	2,738	3,029	2,642	2,801
2,789	2,887	2,985	2,695	2,701	2,626	2,646	2,622	2,441
785	792	695	848	802	764	757	569	692
1,130	1,013	1,794	1,410	1,477	1,894	1,834	2,186	1,872
1,565	1,435	1,383	1,481	1,430	1,453	1,541	1,207	1,111
			14	32	56	33	35	16
213	193	276	274	339	289	399	354	322
105	124	123	108	106	89	117	98	
526	765	748	747	800	748	747	780	692
165	132	152	93	125	129	93	57	107
9,745	9,639	11,265	11,389	11,846	12,114	12,615	11,907	11,152
4	1	4	5	4	9	7	3	6
13	15	11	18	17	21	20	19	17
8	11	8	16	19	14	21	12	18
5	3	13	9	11	13	17	11	15
15	34	27	16	22	21	24	32	21
10	12	11	7	15	7	12	12	21
9	5	15	18	11	27	29	27	16
15	12	15	16	16	16	22	18	13

				1	1	1	1	1
1	1		1	7	4	5	1	3
	3		3		3	2	2	
6	7	10	5	13	8	9	4	7
1		1		1	2	2	1	1
87	104	115	114	137	146	171	143	139
11,847	11,692	13,509	13,810	14,107	14,675	15,347	14,614	13,754
56	60	56	49	64	68	65	91	64
20	19	19	15	18	19	14	11	18
101	106	116	122	120	76	71	160	125
208	202	242	231	212	198	221	306	267
119	134	125	118	100	177	174	213	217
146	166	166	135	147	141	184	183	133
16	36	21	20	23	32	20	22	7
94	94	88	105	100	92	90	118	90
67	96	98	97	113	148	136	143	143
56	66	72	73	79	53	81	89	78
97	97	91	71	71	81	81	95	57
52	60	74	51	56	55	45	93	84
19	29	29	41	49	44	44	57	46
1,051	1,165	1,197	1,128	1,152	1,184	1,226	1,581	1,329
1,270	1,316	1,228	1,164	1,269	1,258	1,178	1,265	1,173
295	243	229	255	257	236	260	227	235
584	594	558	503	484	327	262	498	387
1,751	1,774	1,724	1,653	1,528	1,386	1,382	1,384	1,309
2,219	2,049	1,903	1,944	1,772	2,347	2,187	2,289	2,300
1,874	1,897	2,021	1,929	1,767	1,689	1,620	2,109	1,462
329	308	264	289	269	244	210	226	187
3,069	2,383	1,840	2,296	2,357	1,593	1,606	1,828	1,411
1,557	1,693	1,910	1,829	1,894	2,250	2,011	1,941	1,757
446	470	481	449	468	407	383	344	372
3,563	3,433	3,648	3,439	2,648	2,744	2,295	3,296	2,103
1,336	1,253	1,222	1,238	1,248	1,203	1,197	1,470	1,232
442	574	534	572	650	563	499	642	652
18,735	17,987	17,562	17,560	16,611	16,247	15,090	17,519	14,580
18	7	21	14	9	13	19	22	28
3	4	1	4	4	4	6	5	6
33	53	41	38	56	33	21	52	40
55	67	49	53	43	49	53	69	69
33	26	17	27	30	42	31	52	57
46	38	46	38	40	41	45	67	50
3	2	6	8	6	4	6	4	3
49	60	47	57	61	57	63	66	58
18	14	22	16	24	23	25	25	22
11	22	17	15	26	24	14	12	25
25	18	19	19	14	17	9	29	11
22	16	20	14	17	7	15	25	12
3	7	3	13	13	12	9	29	27
319	334	309	316	343	326	316	457	408
20,105	19,486	19,068	19,004	18,106	17,757	16,632	19,557	16,317

117	145	141	154	149	136	135	148	149
55	61	51	51	55	48	51	49	41
161	169	181	125	138	154	180	173	162
180	188	162	165	152	223	212	210	163
176	200	208	200	181	201	241	180	192
161	154	176	170	172	187	183	217	197
54	51	54	53	65	75	67	62	61
131	195	191	181	150	148	163	171	162
117	120	132	137	159	157	183	161	129
124	135	105	133	147	153	131	158	145
72	70	81	93	80	101	88	87	74
48	45	72	52	44	70	57	68	96
1,396	1,533	1,554	1,514	1,492	1,653	1,691	1,684	1,571
903	966	1,018	1,103	1,090	1,061	1,081	1,061	1,070
435	353	382	385	344	352	318	304	296
344	410	413	390	409	383	405	367	338
727	690	767	806	638	735	651	633	460
1,231	1,440	1,589	1,510	1,425	1,411	1,432	1,296	1,199
1,181	1,136	1,169	1,108	1,172	1,156	1,290	1,268	1,063
273	281	264	320	309	348	344	294	297
1,352	1,806	1,744	1,925	1,642	1,712	1,613	1,793	1,400
1,230	1,052	1,137	1,293	1,366	1,482	1,600	1,178	928
396	450	446	449	492	424	499	508	419
747	704	837	916	882	893	903	790	728
496	542	500	397	472	441	452	496	560
9,315	9,830	10,266	10,602	10,241	10,398	10,588	9,988	8,758
51	43	56	57	47	67	61	71	68
20	13	21	25	19	17	12	17	23
122	112	142	132	110	126	121	132	98
104	115	93	94	79	119	108	101	68
102	104	104	117	127	94	131	111	97
138	131	120	118	91	116	127	120	113
14	18	19	11	18	15	28	26	27
194	261	225	255	222	210	211	228	203
91	82	69	88	88	98	92	66	66
49	28	33	39	31	33	44	37	34
46	49	70	53	62	54	76	57	38
35	32	46	39	28	40	57	47	67
966	988	998	1,028	922	989	1,068	1,013	902
11,677	12,351	12,818	13,144	12,655	13,040	13,347	12,685	11,231
	16	39	35	32	44	40	36	42
393	389	384	395	425	406	349	335	311
476	500	487	448	449	459	440	484	395
273	345	321	308	281	261	252	257	272
232	265	223	195	231	217	248	306	306
295	336	275	260	252	263	261	244	241
189	162	157	175	197	182	169	170	113
15	33	32	27	29	50	47	43	49
1,873	2,046	1,918	1,843	1,896	1,882	1,806	1,875	1,729
	124	282	293	260	265	277	330	268

1,220	1,158	1,204	1,137	1,222	1,162	1,041	1,097	826
1,976	2,100	2,175	2,128	2,061	2,069	1,859	2,004	1,919
1,016	1,079	1,142	1,045	987	861	810	889	861
1,610	1,773	1,584	1,321	1,450	1,400	1,643	1,863	1,959
1,470	1,593	1,437	1,413	1,483	1,389	1,267	1,218	1,178
3,039	3,161	3,467	3,392	4,163	3,789	3,818	1,673	1,153
231	286	295	281	307	395	402	390	357
10,562	11,274	11,586	11,010	11,933	11,330	11,117	9,464	8,521
	31	50	65	76	76	58	69	59
530	484	512	442	453	418	382	436	401
450	453	486	481	509	482	480	529	482
433	454	406	440	400	381	367	381	405
740	778	683	608	630	651	754	920	924
295	315	331	273	295	296	284	298	278
148	157	148	147	183	175	151	154	99
17	32	29	52	31	65	65	76	75
2,613	2,704	2,645	2,508	2,577	2,544	2,541	2,863	2,723
15,048	16,024	16,149	15,361	16,406	15,756	15,464	14,202	12,973
22	23	21	27	28	42	37	40	20
129	167	137	181	159	184	211	261	243
205	180	225	222	231	182	186	205	115
143	162	172	187	223	205	201	165	192
142	135	162	147	163	134	145	168	102
120	135	179	141	190	148	146	147	152
131	111	126	116	133	136	145	136	125
73	71	48	34	40	40	57	42	27
86	81	95	97	111	108	69	131	85
16	14	28	25	45	47	30	39	32
1,067	1,079	1,193	1,177	1,323	1,226	1,227	1,334	1,093
108	128	147	150	163	135	171	167	134
123	99	91	173	179	193	163	203	187
354	252	362	332	360	336	312	275	129
631	687	812	885	915	925	773	745	675
338	381	410	429	453	405	382	419	379
842	921	942	909	1,124	955	958	953	861
589	628	785	635	657	659	599	576	565
208	265	185	191	137	210	154	140	112
348	393	477	428	450	452	391	486	378
18	23	65	103	95	102	79	80	90
3,559	3,777	4,276	4,235	4,533	4,372	3,982	4,044	3,510
	1	1	5	1	2	2	4	1
12	19	19	16	16	16	23	35	37
22	21	21	33	36	24	26	22	19
9	11	9	19	20	23	20	15	16
15	13	9	8	18	17	18	22	9

29	33	26	20	37	24	27	27	28
12	12	9	9	14	9	7	11	11
7	2	5	7	3	5	6	6	2
12	9	11	13	19	18	13	13	15
2	4	4	3	4		6	1	3
120	125	114	133	168	138	148	156	141
4,746	4,981	5,583	5,545	6,024	5,736	5,357	5,534	4,744
117	106	114	96	128	102	143	172	158
155	150	159	144	117	147	158	152	134
121	94	123	106	106	124	128	108	119
82	108	110	96	105	91	102	95	112
				31	35	36	35	17
77	74	53	68	55	61	70	76	75
105	123	106	124	153	160	157	193	165
657	655	665	634	695	720	794	831	780
218	164	183	181	190	200	219	207	181
470	399	408	373	316	389	406	327	289
659	507	637	604	660	656	702	573	602
413	443	557	471	517	455	407	354	393
				291	363	317	431	206
562	524	438	437	469	537	506	482	395
1,951	2,320	2,235	2,253	2,631	2,497	2,094	2,308	2,007
4,273	4,357	4,458	4,319	5,074	5,097	4,651	4,682	4,073
73	63	72	49	45	52	50	56	56
62	42	46	41	46	51	54	42	39
39	41	47	51	37	55	45	34	43
39	52	51	57	33	54	41	47	35
				30	32	33	52	30
34	44	33	29	27	27	28	37	28
39	28	42	30	33	54	46	45	59
286	270	291	257	251	325	297	313	290
5,216	5,282	5,414	5,210	6,020	6,142	5,742	5,826	5,143
153	204	146	144	151	118	163	124	114
238	289	205	213	228	261	259	232	192
65	68	60	66	80	82	82	84	91
30	29	34	29	38	39	39	27	35
293	299	320	322	374	344	373	387	397
163	191	170	159	160	153	159	135	124
173	151	118	124	161	189	212	262	195
185	180	198	177	161	131	122	127	123
		31	45	22	22	28	18	26
1,300	1,411	1,282	1,279	1,375	1,339	1,437	1,396	1,297
91	118	117	108	117	104	115	95	54
373	411	407	345	331	304	326	298	266
257	260	268	285	326	349	365	345	332
39	49	73	72	47	63	74	67	71
1,081	1,131	1,182	1,181	1,389	1,315	1,210	1,281	1,226
254	269	236	241	278	263	257	213	216
804	685	446	425	431	476	412	572	404
592	686	703	646	580	568	451	429	474

		34	50	56	49	46	34	32
3,491	3,609	3,466	3,353	3,555	3,491	3,256	3,334	3,075
5	12	15	10	10	12	11	9	5
17	7	13	10	10	8	10	11	3
7	6	3	6	2	10	11	6	10
1	1	1	1			4	2	5
16	11	14	15	18	33	23	25	20
9	5	10	7	10	9	10	11	10
27	15	7	11	17	24	17	27	30
8	16	15	24	17	10	7	13	8
			2		1	1	2	2
90	73	78	86	84	107	94	106	93
4,881	5,093	4,826	4,718	5,014	4,937	4,787	4,836	4,465
21	13	14	19	16	17	13	22	30
157	169	201	174	177	148	171	229	175
145	121	163	137	148	147	133	175	168
154	165	186	184	198	179	180	152	165
105	101	86	115	115	102	92	145	85
78	67	97	92	99	87	146	90	62
87	85	114	92	107	83	67	87	85
1	1		4	3	22	7		1
64	65	65	54	102	97	100	86	89
812	787	926	871	965	882	909	986	860
152	160	118	172	178	151	147	187	185
483	511	534	460	475	337	366	424	299
564	476	604	602	651	678	613	576	587
1,785	1,825	1,876	1,599	1,725	1,502	1,328	1,190	1,086
603	636	587	539	554	514	518	512	377
858	1,050	1,173	1,209	1,346	1,556	2,068	881	564
809	791	971	839	877	777	668	631	613
25	18	10	25	16	117	30	2	23
603	637	669	608	687	656	679	670	602
5,882	6,104	6,542	6,053	6,509	6,288	6,417	5,073	4,336
	5	2	6	2	2	2	4	1
26	36	25	27	22	25	28	32	21
20	21	20	18	25	24	24	16	16
19	21	18	23	23	28	29	21	19
13	18	17	14	12	14	16	17	12
5	13	23	24	24	43	51	21	15
13	14	14	10	11	12	9	11	13
1				2	1			1
11	7	9	5	16	7	9	8	7
108	135	128	127	137	156	168	130	105
6,802	7,026	7,596	7,051	7,611	7,326	7,494	6,189	5,301
28	13	16	22	17	25	36	32	30
91	71	85	62	84	92	92	95	74
83	64	77	75	61	61	64	72	51
88	88	80	80	75	83	79	84	69
73	76	76	80	73	74	68	72	68
18	35	17	21	24	34	26	39	39

41	46	53	53	58	66	58	59	39
						1	1	1
13	20	20	24	24	24	20	22	24
						2	10	5
435	413	424	417	416	459	446	486	400
489	331	305	420	405	440	477	468	345
273	291	296	289	291	262	261	258	234
767	614	820	762	705	686	691	688	527
1,615	1,547	1,793	1,619	1,574	1,712	1,456	1,346	1,039
811	745	863	788	746	730	729	609	505
639	695	596	540	731	718	557	621	634
981	863	926	947	980	958	754	881	643
						12	17	16
375	374	394	404	477	418	437	403	402
						38	94	82
5,950	5,460	5,993	5,769	5,909	5,924	5,412	5,385	4,427
3	1		3	2	1	7	3	
11	15	19	19	17	18	16	13	7
10	5	14	7	16	8	8	2	4
7	8	11	7	12	4	11	15	6
7	9	19	12	7	13	8	9	6
5	3	2	6	6	4	4	9	11
3	3	6	8	12	5	5	5	6
1	2	1	1	2	2	1	2	2
							1	2
47	46	72	63	74	55	60	59	44
6,432	5,919	6,489	6,249	6,399	6,438	5,918	5,930	4,871
207	236	218	304	385	362	357	398	285
210	302	297	270	241	335	364	420	264
28	7							1
574	538	283	287	254	310	356	330	277
169	166	162	176	190	180	159	154	157
153	177	179	214	220	231	248	270	234
165	151	169	168	161	211	164	205	217
					3			
12	13	14	7	2	9	7	4	25
70	80	91	86	88	111	102	117	103
1,588	1,670	1,413	1,512	1,541	1,752	1,757	1,898	1,563
150	163	126	169	180	202	173	179	114
429	448	496	473	415	463	496	473	313
96	24						1	
2,528	2,167	982	916	822	819	885	905	685
349	386	340	355	315	315	292	314	283
397	451	525	747	590	605	749	836	584
575	650	738	683	696	743	682	668	591
					4			
48	72	77	55	48	41	53	43	76
359	392	391	443	445	461	428	494	381
4,931	4,753	3,675	3,841	3,511	3,653	3,758	3,913	3,027
2	5	8	11	13	16	14	13	19

9	6	6	8	20	20	24	25	13
1								
20	21	7	7	9	12	15	14	8
5	8	7	4	6	8	5	7	9
4	8	8	10	13	10	15	15	8
6	12	4	6	11	8	9	17	8
						2	3	1
2	4	2	6	5	5	5	4	2
49	64	42	52	77	79	89	98	68
6,568	6,487	5,130	5,405	5,129	5,484	5,604	5,909	4,658
15	14	13	19	30	13	25	36	28
30	42	37	53	27	47	53	68	31
23	25	28	20	25	37	31	44	38
24	34	18	29	14	21	28	33	26
9	7	7	4	4	8	9	8	9
12	16	11	11	19	19	12	16	17
2		2		1	1	1	2	
115	138	116	136	120	146	159	207	149
138	119	124	131	120	118	121	130	103
416	409	415	455	394	386	386	368	218
756	761	845	737	750	770	789	708	660
375	395	308	299	293	306	357	370	264
262	267	210	260	247	367	324	321	239
447	525	499	414	446	411	332	288	260
13	13	14	16	9	7	11	9	4
2,407	2,489	2,415	2,312	2,259	2,365	2,320	2,194	1,748
1	1	7	5	4	6	5	6	5
11	9	5	5	8	12	18	11	15
2	5	3	7	4	5	6	3	9
5	3	3	7	4	1	1	7	5
		3	2	2		1	3	8
1	2	4	3	2	2	2	2	2
				1				
20	20	25	29	25	26	33	32	44
2,542	2,647	2,556	2,477	2,404	2,537	2,512	2,433	1,941
20	21	47	26	37	36	29	29	34
5	1	8	6	5	8	6	9	13
84	53	49	59	74	76	120	110	105
212	144	176	159	150	123	164	209	152
81	93	85	87	88	95	97	111	107
66	59	83	56	89	82	100	111	80
13	5	10	13	6	9	10	10	5
63	68	84	78	125	169	143	127	100
83	67	95	97	93	96	114	103	80
7	18	16	13	19	18	17	21	19
20	13	13	27	13	22	27	15	25
41	39	48	56	35	44	50	52	72
1	3	15	10	10	11	8	9	8
696	584	729	687	744	789	885	916	800
663	616	713	641	927	746	675	591	604

115	63	111	123	128	161	143	163	132
299	196	236	235	254	302	345	310	253
1,734	1,466	1,531	1,499	1,636	1,447	1,502	1,626	1,237
1,562	1,315	1,372	1,300	1,292	1,239	1,323	1,400	1,261
781	717	711	704	769	793	857	834	858
126	102	158	160	144	160	176	148	65
1,719	1,887	2,123	2,605	3,022	3,185	2,970	2,418	1,293
1,532	1,570	1,704	1,709	1,372	1,514	1,590	1,607	1,411
65	70	97	144	132	81	96	86	102
287	309	362	500	434	437	447	469	455
1,042	1,076	1,086	1,240	1,112	1,101	1,176	977	1,061
35	148	163	214	224	184	165	179	158
9,960	9,535	10,367	11,074	11,446	11,350	11,465	10,808	8,890
3	8	7	8	14	5	7	12	3
1			2	1	4	1	3	1
7	10	10	12	15	17	15	21	27
35	35	35	34	39	29	43	38	24
9	9	8	10	23	18	14	15	18
10	9	14	18	15	9	21	22	16
	1	3	3	4			1	
38	36	29	21	27	39	40	35	34
8	17	20	21	12	13	8	23	15
4	1	5	3	2	2	4	2	5
	2	5	2	3	3	1	3	3
12	5	8	14	9	6	9	8	8
					1	1	2	1
127	133	144	148	164	146	164	185	155
10,783	10,252	11,240	11,909	12,354	12,285	12,514	11,909	9,845
40	34	67	39	25	10	12	13	28
117	129	121	124	82	77	89	52	95
								3
220	215	222	278	249	273	305	307	301
74	69	76	82	66	64	82	74	85
53	43	81	67	37	40	35	28	55
79	101	96	90	77	68	73	140	104
2	2	5	8	3	6	6	4	11
12	36	26	28	29	19	23	18	18
597	629	694	716	568	557	625	636	700
18	20	17	17	14	9	3	7	7
220	218	234	255	204	203	230	186	166
		1		1				2
504	498	522	678	674	672	673	730	645
90	88	63	83	77	89	95	87	94
104	101	146	161	115	70	37	46	107
123	186	173	159	113	92	90	172	170
14	16	25	18	20	19	22	23	27
65	62	57	53	56	49	41	35	35
1,138	1,189	1,238	1,424	1,274	1,203	1,191	1,286	1,253
2	3	7	3	2		1	1	
2	6	6	1	1	4	3	2	3

7	7	10	10	6	10	6	10	14
3	4	3	2	3	2	5	3	2
2	3		5	9	3	1	1	2
2	1	2	2	2		4	5	3
							2	
1	1			1		3	1	
19	25	28	23	24	19	23	25	24
1,754	1,843	1,960	2,163	1,866	1,779	1,839	1,947	1,977
47	44	23	19	33	36	30	28	20
83	96	100	123	129	158	146	122	120
95	81	112	131	101	119	112	83	79
145	137	140	119	140	137	107	135	139
54	60	87	106	83	96	83	63	79
46	40	53	64	52	57	50	62	38
39	37	56	62	60	75	65	62	61
19	27	27	27	28	30	33	22	36
			1	1	17	21	18	17
528	522	598	652	627	725	647	595	589
321	253	190	200	232	219	246	219	216
321	273	298	307	382	383	374	349	243
515	419	515	450	438	449	418	277	196
1,575	1,398	1,549	1,415	1,485	1,468	1,302	1,468	1,482
341	345	395	420	390	390	420	324	372
552	468	484	479	439	483	458	494	391
411	433	471	582	552	618	590	631	558
217	244	252	251	292	266	281	247	300
			5	14	47	57	49	38
4,253	3,833	4,154	4,109	4,224	4,323	4,146	4,058	3,796
2	5	1	1		1	1		1
4	3	3	7	11	6	9	8	6
8	6	12	8	12	4	1	2	6
9	7	9	2	8	10	4	6	8
1	3	2	7	3	2	6	6	3
2	5	6	4	3	8	5	5	2
1	4	1	1	2	3	4	4	2
2	2		2		1	3	1	1
			2		1			2
29	35	34	34	39	36	33	32	31
4,810	4,390	4,786	4,795	4,890	5,084	4,826	4,685	4,416
180	214	206	218	221	285	268	234	317
76	74	58	76	71	83	84	58	70
184	183	293	402	399	415	530	433	310
414	459	483	454	395	446	489	547	423
134	153	175	205	234	267	238	215	190
616	600	589	586	615	726	838	789	589
281	282	344	305	229	241	321	288	276
61	74	73	56	59	62	84	70	57
264	201	207	253	257	274	316	321	318
263	215	251	207	177	258	277	261	224
243	229	233	198	187	175	184	129	170

190	168	144	175	236	201	244	270	232
44	57	28	8	22	32	63	15	19
					48	123	163	94
191	190	192	151	134	180	235	185	124
3,141	3,099	3,276	3,294	3,236	3,693	4,294	3,978	3,413
971	848	906	984	1,021	1,081	1,079	883	967
289	314	344	275	287	289	294	237	240
262	292	345	451	445	446	531	517	400
1,225	1,190	1,191	1,054	1,097	1,182	1,227	1,082	817
1,043	1,096	1,311	1,354	1,582	1,828	1,562	1,606	1,280
3,580	3,460	3,626	3,424	3,628	4,152	4,348	4,022	3,024
1,130	1,135	1,174	1,123	860	876	1,151	947	807
222	229	228	243	222	277	290	296	241
1,361	1,159	1,326	1,341	1,215	1,464	1,621	1,459	1,468
1,422	1,439	1,581	1,199	936	1,451	1,458	1,270	1,002
487	566	571	553	486	411	432	302	286
2,281	2,865	3,059	2,986	3,763	3,468	3,651	3,719	3,553
98	189	47	28	79	144	252	72	48
					372	786	783	650
623	605	563	440	451	620	637	543	389
14,994	15,387	16,272	15,455	16,072	18,061	19,319	17,738	15,172
16	14	18	20	13	21	37	17	30
8	6	3	6	7	3	8	1	4
29	30	44	48	40	42	66	26	32
31	47	45	48	39	45	55	47	45
14	19	17	26	30	27	30	23	30
42	53	42	58	65	88	88	79	60
30	40	31	27	24	32	49	47	47
3	4	6	9	7	4	6	8	4
34	24	41	51	38	44	52	66	70
25	23	22	13	19	17	32	23	20
12	15	19	21	16	15	16	12	16
14	20	16	20	20	13	24	28	16
2	4				2	8	1	1
					4	13	12	9
16	15	26	13	10	16	19	18	13
276	314	330	360	328	373	503	408	397
18,411	18,800	19,878	19,109	19,636	22,127	24,116	22,124	18,982
1	3	3	2	2	5			
28	12	10	9	7				
35	28	46	30	27	33	44	36	31
52	37	45	39	52	33	43	36	44
17	16	16	26	12	12	12	21	31
25	29	18	25	21	37	38	26	30
5								
					2	1	3	2
6	3	5	6	8	9	7	3	5
169	128	143	137	129	131	145	125	143
3	1	6	2	5	5	1		
41	13	22	18	10				

300	260	253	197	215	181	205	227	182
181	203	212	219	186	188	146	158	148
225	209	234	197	182	256	192	214	242
211	224	235	211	218	284	297	232	288
12								
7	14	26	34	108	73	79	115	75
70	68	83	65	60	65	80	78	69
1,050	992	1,071	943	984	1,052	1,000	1,024	1,004
3	3	3		2				
6	3	2	3	2		2	3	5
1	3	2	1	4	9	4	4	8
7	1	6	4	5	5	4	7	6
3	4	1	3	4	1	4	1	5
1								
				1				
1		2	1	1				
22	14	16	12	19	15	14	15	24
1,241	1,134	1,230	1,092	1,132	1,198	1,159	1,164	1,171
37	35	34	45	40	56	61	48	32
280	187	225	231	231	245	229	199	160
246	240	254	214	337	346	344	372	319
174	177	168	159	188	191	189	216	199
117	114	176	109	181	220	215	202	155
66	70	66	73	74	79	66	96	93
920	823	923	831	1,051	1,137	1,104	1,133	958
537	610	591	558	546	840	872	787	653
1,509	1,305	1,610	1,459	1,527	1,618	1,398	1,186	829
3,713	3,967	4,650	4,445	5,802	6,254	6,534	7,016	6,058
1,371	1,461	1,609	1,339	1,683	1,562	1,392	1,496	1,393
2,237	2,074	2,792	2,036	2,592	2,816	2,463	2,285	1,907
			1					
1,110	1,157	1,208	1,072	1,182	1,104	1,086	1,151	1,079
10,477	10,574	12,460	10,910	13,332	14,194	13,745	13,921	11,919
27	32	41	34	38	56	40	44	72
185	132	150	163	185	160	130	115	98
139	148	189	157	203	236	193	235	224
120	145	174	144	155	133	157	156	165
93	97	168	105	154	157	144	146	110
31	62	58	49	72	53	45	52	53
595	616	780	652	807	795	709	748	722
11,992	12,013	14,163	12,393	15,190	16,126	15,558	15,802	13,599
8	23	16	22	22	16	13	20	17
38	39	49	65	39	53	57	68	42
32	23	24	14	17	6	22	18	12
8	9	7	11	12	19	10	15	8
13	17	15	17	14	10	8	10	11
3	5	5	2	4	1		2	1
1		2	2		2	1		1
3	3	3	4	2	3	8	4	7
106	119	121	137	110	110	119	137	99

33	62	72	70	58	65	56	57	50
647	581	870	760	695	709	737	655	701
233	194	198	171	175	144	136	110	133
159	191	239	179	228	232	270	185	172
274	214	254	201	187	169	153	204	126
21	19	21	12	26	16	9	16	14
75	95	118	84	77	91	66	57	80
63	65	64	71	71	71	61	65	61
1,505	1,421	1,836	1,548	1,517	1,497	1,488	1,349	1,337
		2	7	3	2	4		1
1	1	3	4		2	5	5	6
2	3	2				5		3
			1	1	2		1	1
1	1	2					1	
			2	1		1		
			1					
							1	
4	5	9	15	5	6	15	8	11
1,615	1,545	1,966	1,700	1,632	1,613	1,622	1,494	1,447
113	179	159	159	141	157	176	160	117
85	66	73	80	103	118	115	123	97
126	150	126	145	155	146	149	141	126
70	81	85	72	67	50	70	97	72
29	28	52	67	34	45	57	41	45
131	90	83	68	79	106	110	77	67
						2		
13	11	19	10	8	7	6	2	5
567	605	597	601	587	629	685	641	529
173	221	216	223	194	224	288	231	164
206	193	174	199	231	221	189	220	181
768	966	1,060	1,090	1,155	1,102	1,049	972	590
236	236	230	225	235	214	205	248	186
121	179	282	384	246	151	217	217	136
899	615	617	593	482	571	543	447	390
						2		
116	88	99	94	69	40	34	23	87
2,519	2,498	2,678	2,808	2,612	2,523	2,527	2,358	1,734
10	15	17	15	29	14	19	13	14
6	3	8	10	6	6	3	9	6
7	9	13	15	12	16	10	6	4
7	4	6	6	4	5	5	10	3
4	1	3	4	2	4	5	3	4
10	7	3	3	3	7	6	4	4
						1		
			2			2		
44	39	50	55	56	52	51	45	35
3,130	3,142	3,325	3,464	3,255	3,204	3,263	3,044	2,298