



Equity Adjusted Risk Score

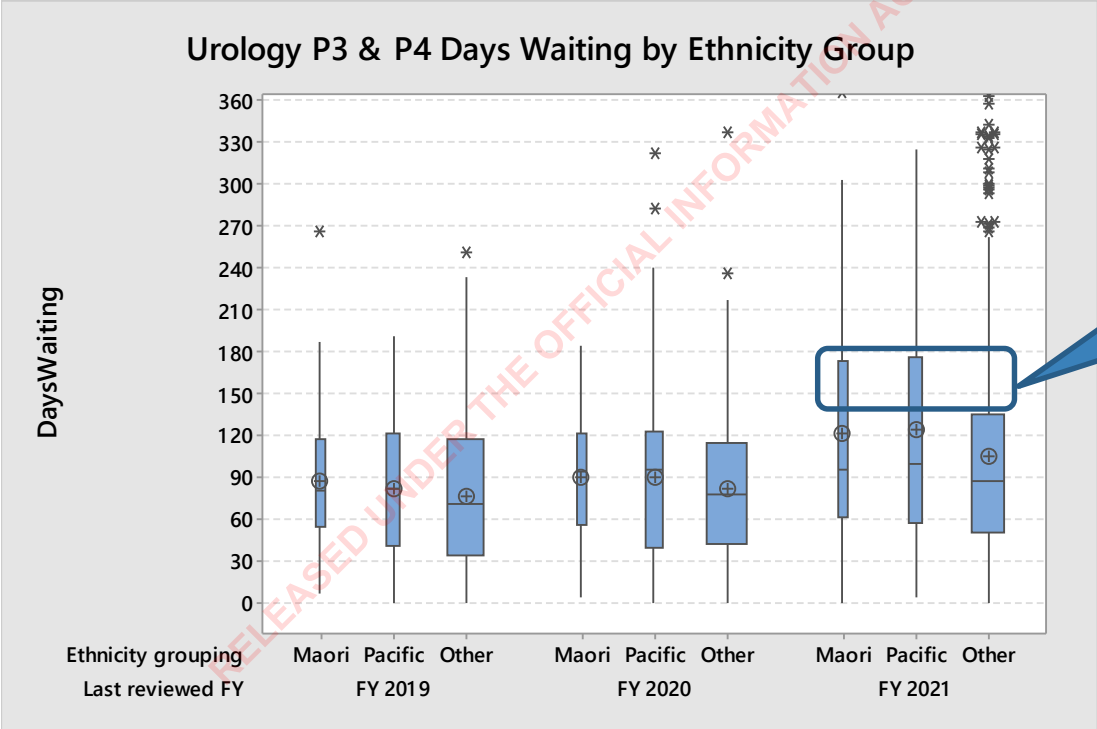
Impact of Equity Adjustor on Urology Waitlist
20 March 2021

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Wait Time Comparison for Completed Urology Surgery

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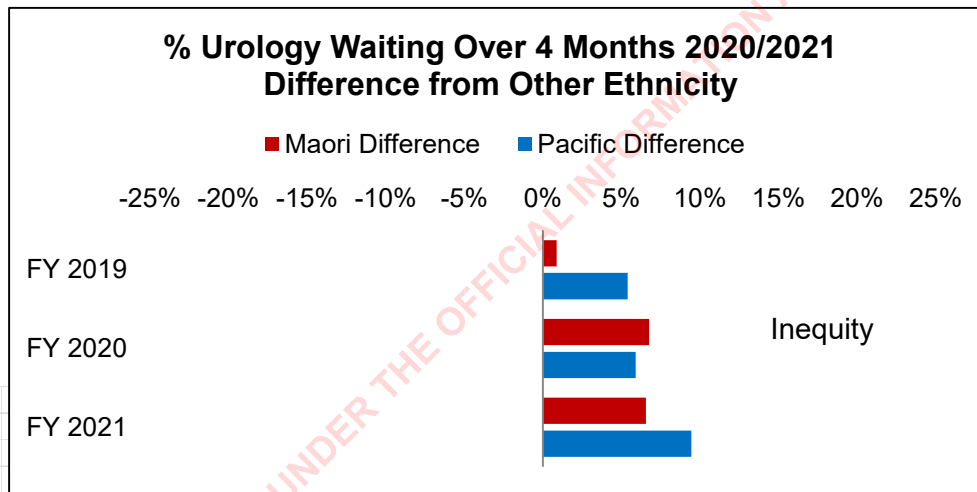
Urology P3 & P4 Days Waited for Surgery by Ethnicity and FYear of Surgery



Inequity of % long wait looks worse in FY2021



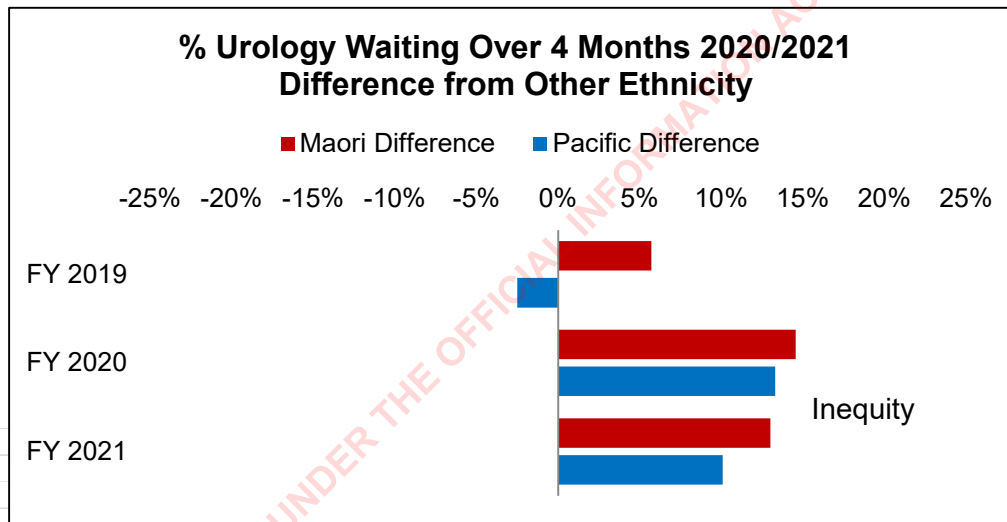
Urology P3 & P4



SubSpecial Urolog		CPAC-Prior (Multi		Items)		IsActive		(All)		Count of N Ethnici		Period		% > 4 Months Waiting						
Last review	Maori	Waiting <4 mo	Waiting >4mo	Maori Total	Other	Waiting <4 mo	Waiting >4mo	Other Total	Pacific	Waiting <4 mo	Waiting >4mo	Pacific Total	Grand Total	Priority	Maori	Pacific	Other	Maori Difference	Pacific Difference	
FY 2019		47	14	61	466	132	598	66	25	91	750			FY 2019	23%	27%	27%	22%	1%	5%
FY 2020		42	16	58	574	151	725	85	31	116	899			FY 2020	28%	27%	27%	21%	7%	6%
FY 2021		38	23	61	367	166	533	60	41	101	695			FY 2021	38%	41%	31%	7%	9%	



Urology P3

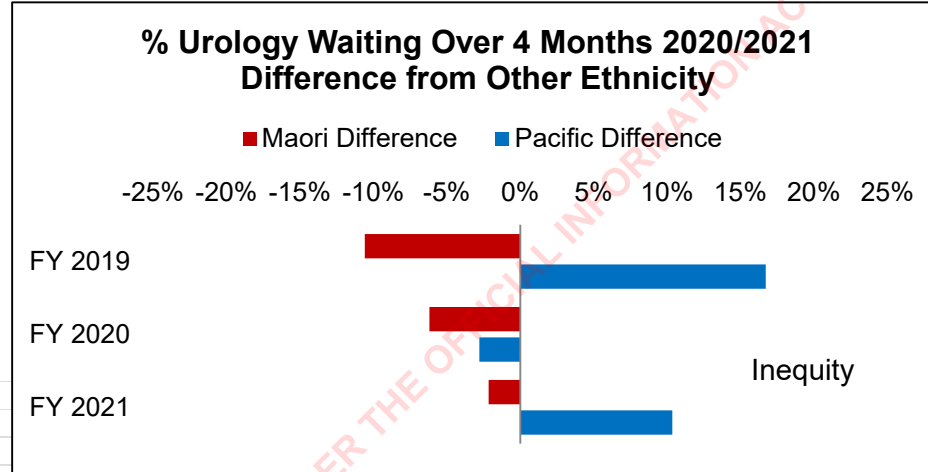


SubSpecialtyDesc Urolog
 CPAC-Priority equiv P3
 IsActive (All)

Last reviewed FY	Maori		Other		Pacific		Grand Total	Priority	Maori	Pacific	Other	Maori Difference	Pacific Difference			
	Waiting <4 mo	Waiting >4mo	Waiting <4 mo	Waiting >4mo	Waiting <4 mo	Waiting >4mo										
FY 2019	30	12	42	253	75	328	43	11	54	424	FY 2019	29%	20%	23%	6%	-2%
FY 2020	30	13	43	312	58	370	49	20	69	482	FY 2020	30%	29%	16%	15%	13%
FY 2021	23	14	37	230	76	306	41	22	63	406	FY 2021	38%	35%	25%	13%	10%



Urology P4



SubSpeci Urology
CPAC-Pri P4
IsActive (All)

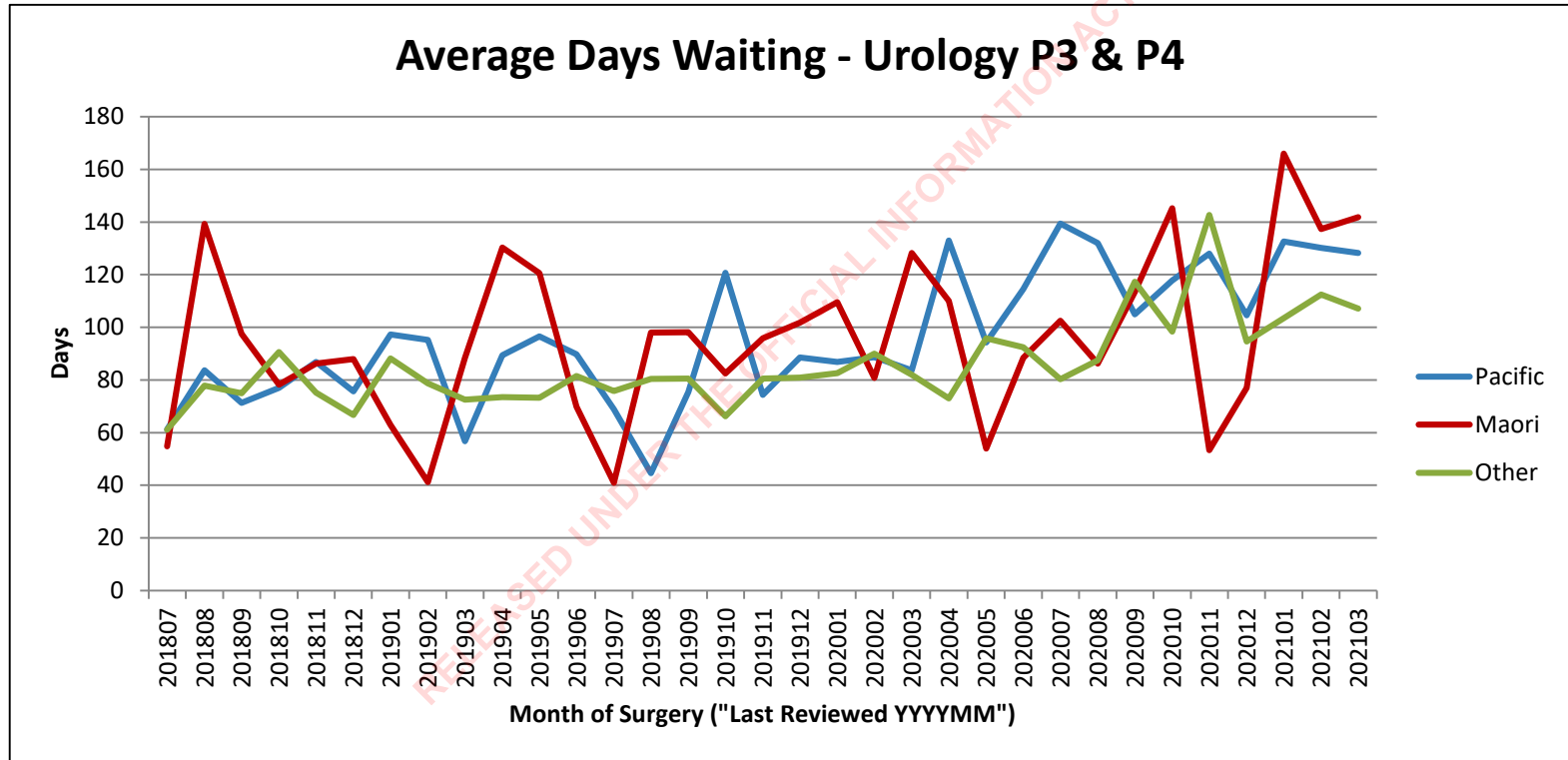
Count of Ethnicity Period

Last review d FY	Maori		Other		Pacific		Grand Total	% > 4 Months Waiting								
	Waiting <4 mo	Waiting >4mo	Waiting <4 mo	Waiting >4mo	Waiting <4 mo	Waiting >4mo		Priority	Maori	Pacific	Other	Maori Difference	Pacific Difference			
FY 2019	17	2	19	213	57	270	23	14	37	326	FY 2019	11%	38%	21%	-11%	17%
FY 2020	12	3	15	262	93	355	36	11	47	417	FY 2020	20%	23%	26%	-6%	-3%
FY 2021	15	9	24	137	90	227	19	19	38	289	FY 2021	38%	50%	40%	-2%	10%



Urology P3 & P4 Avg Wait

Average Days Waiting - Urology P3 & P4

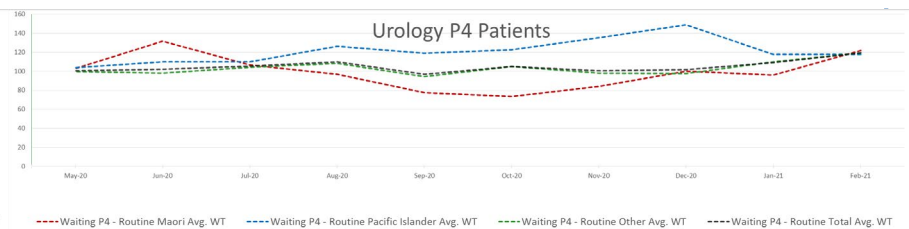
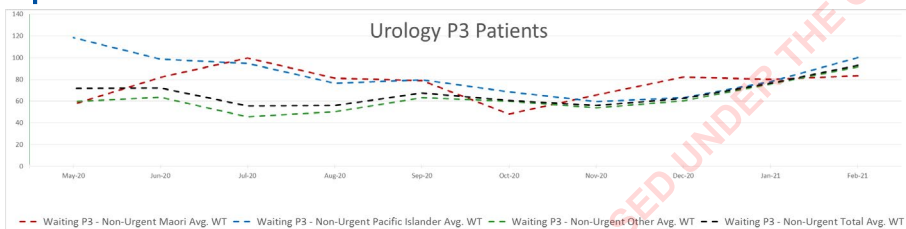
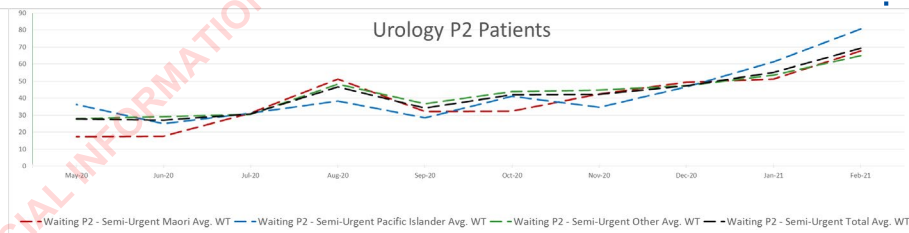
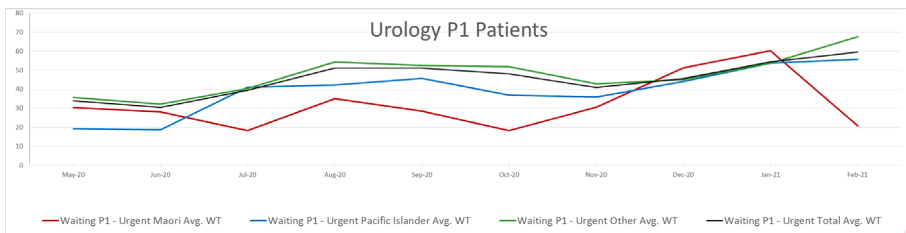


Wait Time Comparison for
Urology Patients on Waiting List

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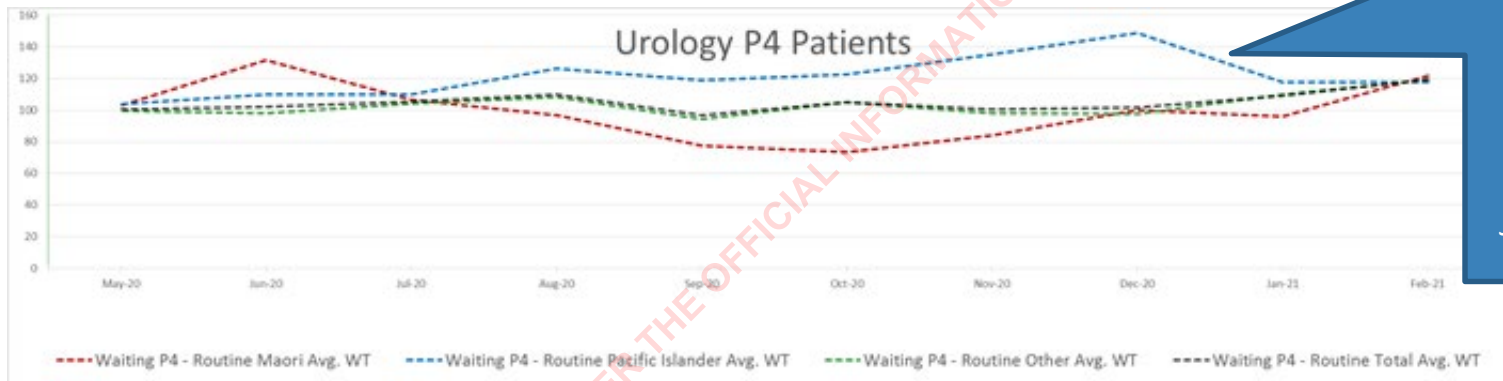
Impact on Waitlist – Average Waiting time



Aim: bring average wait times for both Māori patients and Pacific patients to the same level or better than other ethnicities
All priorities have seen an improvement for Māori patients, however not the case for Pacific patients

Impact on Waitlist – P4 Patients

Pacific Islander Patients consistently longer mean wait time on WL until Jan/Feb 2021



Average days waiting

	Feb-21	Jan-21	Dec-20	Nov-20	Oct-20	Sep-20	Aug-20	Jul-20	Jun-20	May-20
Māori	122	96	100	84	73	77	97	106	132	103
Pacific	118	118	149	135	123	119	126	110	110	104
Other	119	110	98	98	105	94	108	104	98	100
Total	119	109	102	100	105	97	110	105	102	100

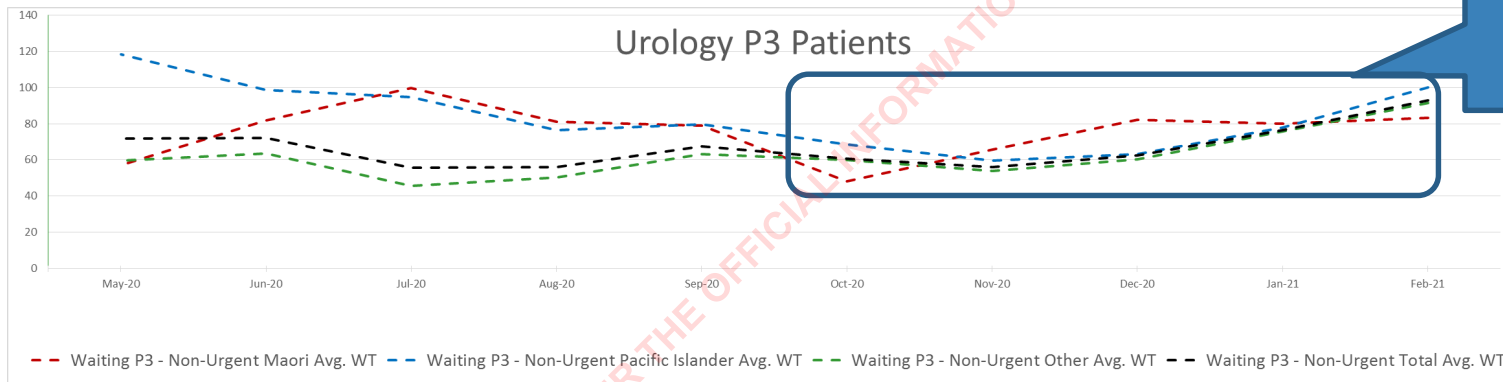
Longest waiter

	Feb-21	Jan-21	Dec-20	Nov-20	Oct-20	Sep-20	Aug-20	Jul-20	Jun-20	May-20
Māori	292	264	272	241	211	246	221	247	216	186
Pacific	354	326	295	264	295	495	465	434	403	373
Other	412	384	384	360	331	335	312	281	257	227
Total	412	384	384	360	331	495	465	434	403	373

Impact on Waitlist – P3 Patients



Relatively equitable mean wait time on WL



Average days waiting

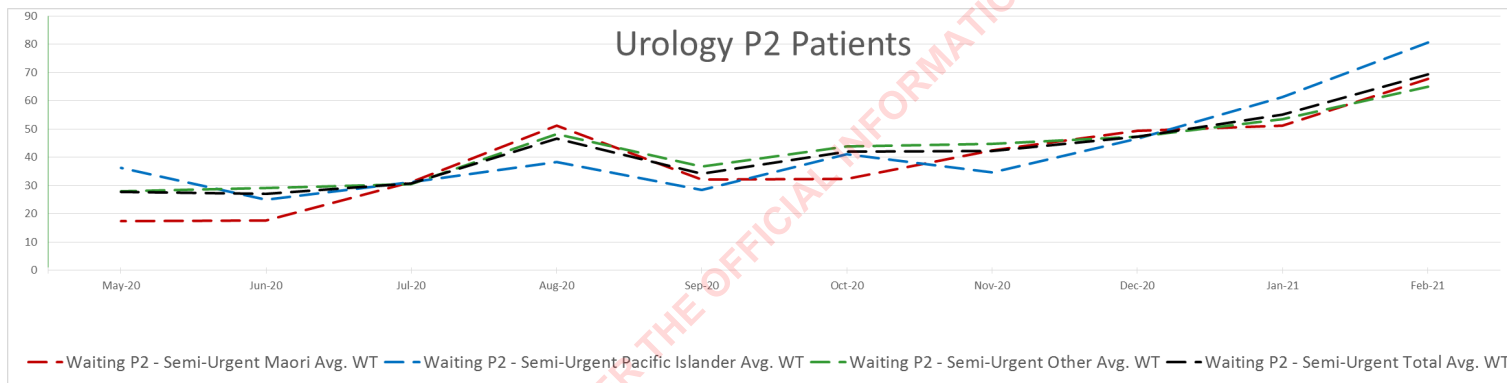
	Feb-21	Jan-21	Dec-20	Nov-20	Oct-20	Sep-20	Aug-20	Jul-20	Jun-20	May-20
Māori	83	80	82	66	48	79	81	100	82	57
Pacific	100	78	63	60	69	80	77	95	99	118
Other	92	76	60	54	60	63	50	46	63	60
Total	93	76	63	56	61	68	56	56	72	72

Longest waiter

	Feb-21	Jan-21	Dec-20	Nov-20	Oct-20	Sep-20	Aug-20	Jul-20	Jun-20	May-20
Māori	151	168	241	210	180	231	201	170	139	109
Pacific	374	346	315	284	254	324	294	263	232	303
Other	270	242	211	325	374	312	272	241	210	180
Total	374	346	315	325	374	324	294	263	232	303



Impact on Waitlist – P2 Patients



Average days waiting

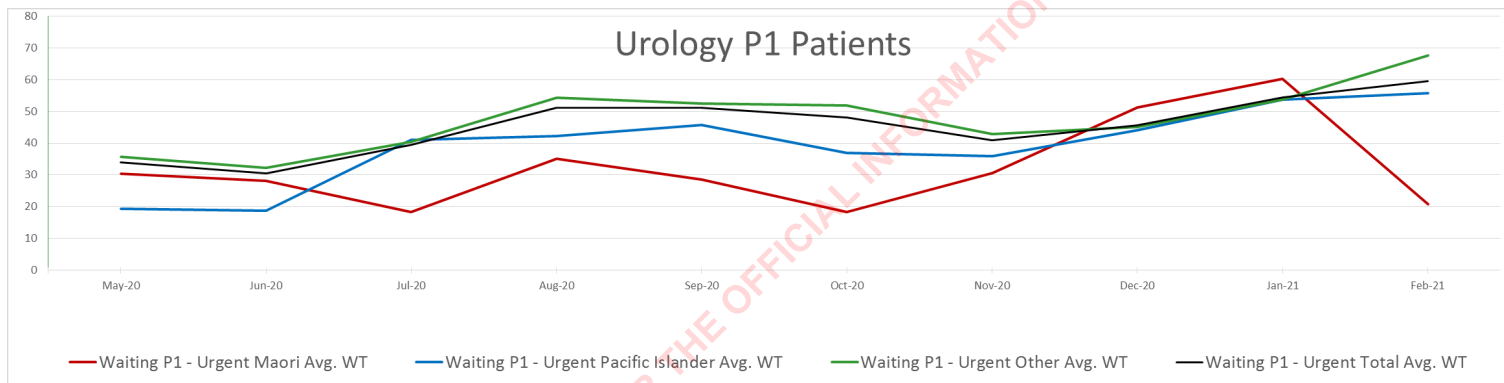
	Feb-21	Jan-21	Dec-20	Nov-20	Oct-20	Sep-20	Aug-20	Jul-20	Jun-20	May-20
Māori	68	51	49	42	32	32	51	31	18	17
Pacific	81	61	47	35	41	29	38	31	25	36
Other	65	54	47	45	44	37	48	30	29	28
Total	69	55	47	42	42	34	47	31	27	28

Longest waiter

	Feb-21	Jan-21	Dec-20	Nov-20	Oct-20	Sep-20	Aug-20	Jul-20	Jun-20	May-20
Māori	158	130	99	68	58	98	68	88	57	27
Pacific	160	132	111	115	157	126	96	136	105	75
Other	286	258	241	210	180	149	119	88	126	159
Total	286	258	241	210	180	149	119	136	126	159



Impact on Waitlist – P1 Patients



Average days waiting

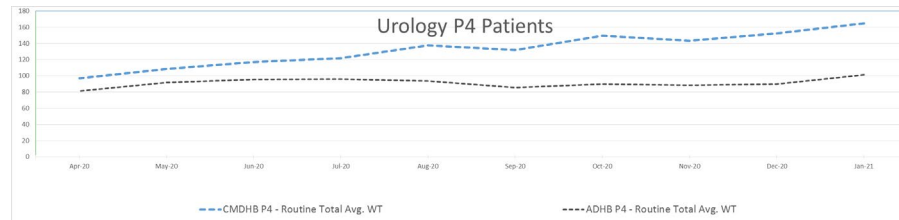
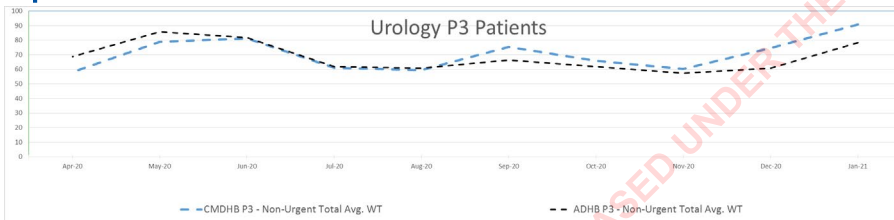
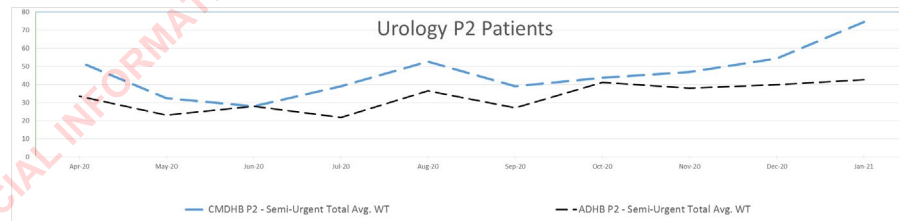
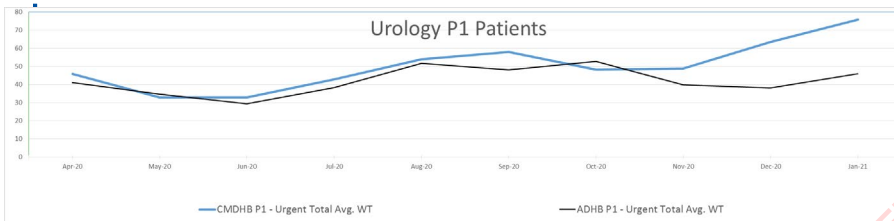
	Feb-21	Jan-21	Dec-20	Nov-20	Oct-20	Sep-20	Aug-20	Jul-20	Jun-20	May-20
Māori	21	60	51	31	18	29	35	18	28	30
Pacific	56	54	44	36	37	46	42	41	19	19
Other	68	54	45	43	52	52	54	40	32	36
Total	60	55	46	41	48	51	51	40	31	34

Longest waiter

	Feb-21	Jan-21	Dec-20	Nov-20	Oct-20	Sep-20	Aug-20	Jul-20	Jun-20	May-20
Māori	83	121	90	59	39	49	66	35	71	104
Pacific	110	82	111	94	128	153	123	92	61	32
Other	241	213	182	151	256	225	195	235	204	174
Total	241	213	182	151	256	225	195	235	204	174



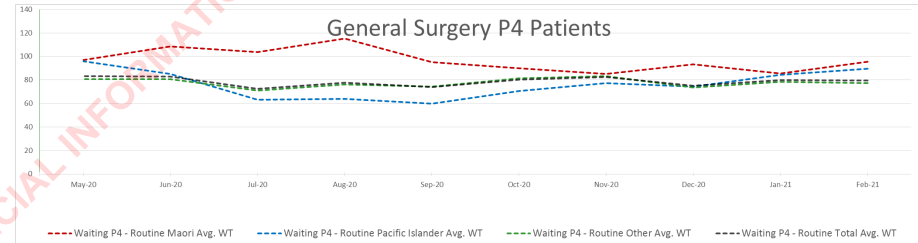
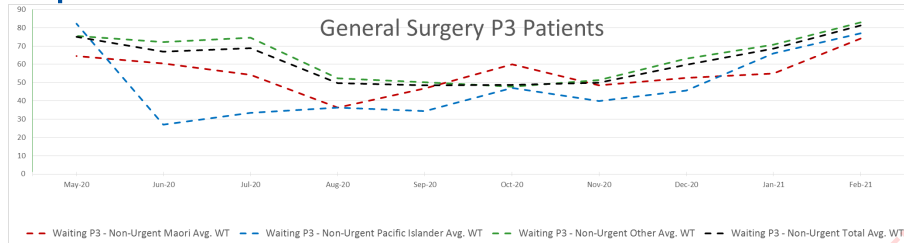
Impact on Waitlist – ADHB vs CMDHB



Something that might be worth noting is the difference in treatment time for patients from CMDHB vs ADHB. Also worth noting is the proportional difference in Pacific patients on the waitlist between DHBs (CMDHB: 21% vs Auckland DHB: 11%)



Impact on Waitlist – P4 → P3 Gen Surg



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Urology Equity Adjustment Calculations

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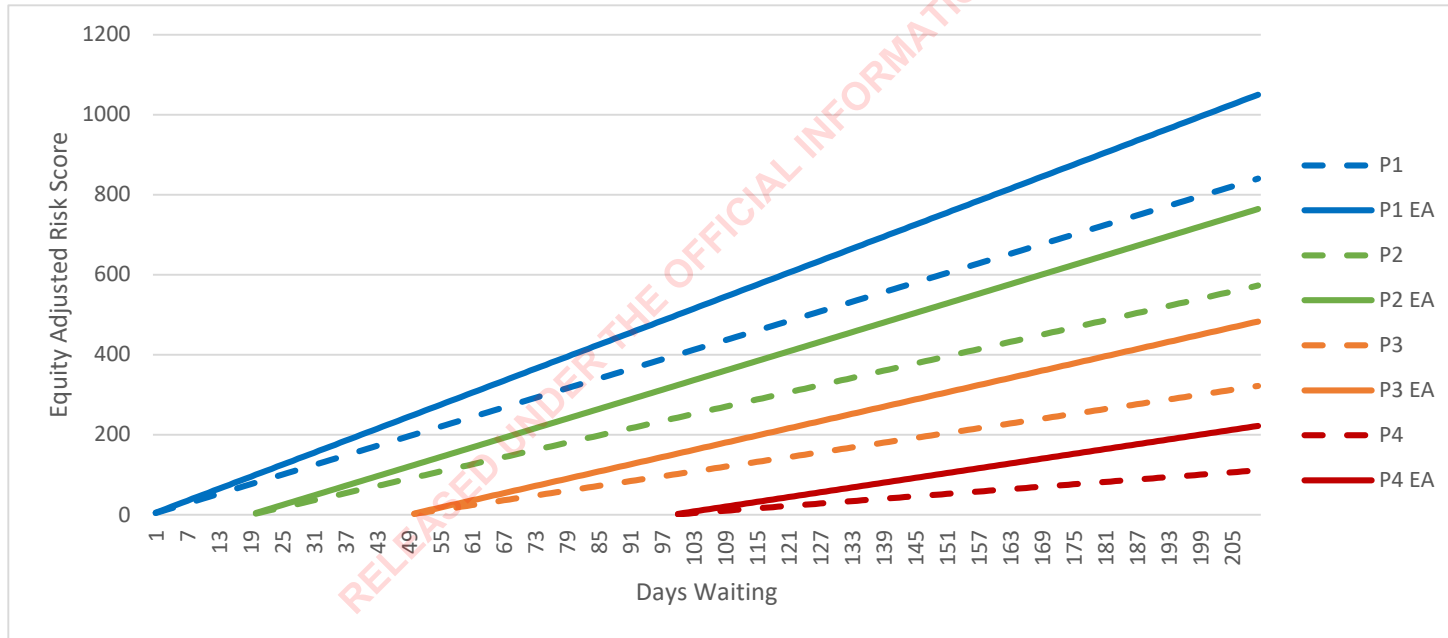


Current Equity Adjustment

Criteria	Standard Scoring	Scoring with Equity Adjustor
CPAC 100 (P1)	4 points from day 1	5 points from day 1
CPAC 96 (P2)	3 points from day 20	4 points from day 20
CPAC 85 (P3)	2 points from day 50	3 points from day 50
CPAC 70 (P4)	1 points from day 100	2 points from day 100



Equity Adjusted Risk Score





Risk Score in practice

Patients waiting 140 days by priority:

Criteria	Standard Scoring	Scoring with Equity Adjustor	Weighting
CPAC 100 (P1)	560	700	25%
CPAC 96 (P2)	363	484	33%
CPAC 85 (P3)	182	273	50%
CPAC 70 (P4)	41	82	100%

Days to accrue 60 points by priority:

Criteria	Standard Scoring	Scoring with Equity Adjustor	Weighting
CPAC 100 (P1)	15	12	20%
CPAC 96 (P2)	39	34	13%
CPAC 85 (P3)	79	69	13%
CPAC 70 (P4)	159	129	19%