

NZ Delta variant	Day# SQRT(2) = 1.4142		Ro = n * r^(n+1) * (r - 1)/(r^n - 1)						
	d	n = 10	n = number of infectious days (n=10)						
Ro & Re	C = ar^d+c		f	f	f	f			
a	6.047		Total	2.10	1.90	2.10	2.30		
c	0.000		Pair	Actual	New	Total	Total		
r	1.414214		Total	Cases	Cases	Est C	Est		
Tuesday, 10 August 2021	0	1.160		1					
Wednesday, 11 August 2021	1	1.640							
Thursday, 12 August 2021	2	2.320		2					
Friday, 13 August 2021	3	3.281		3					
Saturday, 14 August 2021	4	4.640							
Sunday, 15 August 2021	5	6.562							
Monday, 16 August 2021	6	9.280							
Tuesday, 17 August 2021	7	13.124							
Wednesday, 18 August 2021	8	18.560		10					
Thursday, 19 August 2021	9	26.248		20	10				
Friday, 20 August 2021	10	37.120		30	10				
Saturday, 21 August 2021	11	52.496	123	51	21	107.1	99.7	110.2	120.7
Sunday, 22 August 2021	12	74.240	179	72	21	151.2	141.1	155.9	170.8
Monday, 23 August 2021	13	104.991	255	107	35	224.7	199.5	220.5	241.5
Tuesday, 24 August 2021	14	148.480	358	148	41	310.8	282.1	311.8	341.5
Wednesday, 25 August 2021	15	209.982	487	210	62	441.0	399.0	441.0	483.0
Thursday, 26 August 2021	16	296.960	277	277	67	581.7	564.2	623.6	683.0
Friday, 27 August 2021	17	419.965				0	797.9	881.9	965.9
Saturday, 28 August 2021	18	593.920				0	1128.4	1247.2	1366.0
Sunday, 29 August 2021	19	839.930				0	1595.9	1763.9	1931.8
Monday, 30 August 2021	20	1187.840				0	2256.9	2494.5	2732.0
Tuesday, 31 August 2021	21	1679.859				0	3191.7	3527.7	3863.7
Wednesday, 1 September 2021	22	2375.680				0	4513.8	4988.9	5464.1

Total Case Numbers

Midpoint reached	Low	Mid	High
Saturday, 28 August 2021	1100	1250	1350
Sunday, 29 August 2021	1600	1750	2000
Monday, 30 August 2021	2250	2500	2700

Alan Grace

Friday, 27 August 2021