

NZ COVID-19 Delta variant 2021 $\text{SQRT}(2) = 1.4142$ $R_o = n * r^{(n+1)} * (r - 1) / (r^n - 1)$
 Note: Starting Day 16 (d = 16), d= Day# n = number of infectious days (n=10)
 multiply C by f $C = ar^d$ f= $bs^{(d-16)}$

	Ro & Re =	a=	r=	d	C	Pair Total	Total Actual Cases	New Cases	d-16	f	f	f	f	
										Est C	Est	Est	Est	
Tuesday, 10 August 2021	6.047	1.160	1.414214	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	277.000	624	277	67	0	0.9328	581.7	526.3	581.7	637.1
Friday, 27 August 2021				17	344.729	776	347	70	1	0.8209	728.7	655.0	723.9	792.9
Saturday, 28 August 2021				18	429.018	940	429	82	2	0.7223	900.9	815.1	900.9	986.7
Sunday, 29 August 2021				19	533.916		511	82	3	0.6357	1073	1014.4	1121.2	1228.0
Monday, 30 August 2021				20	664.462				4	0.5594	0	1262.5	1395.4	1528.3
Tuesday, 31 August 2021				21	826.929				5	0.4923	0	1571.2	1736.6	1901.9
Wednesday, 1 September 2021				22	1029.119				6	0.4332	0	1955.3	2161.2	2367.0

See: Note: Originally s= 0.8858
[COVID Odyssey: Winter Warning NZ 7 ~ Will we have 100 cases today? ~ 1000 total by Wednesday? – COVID Odyssey by Alan Grace](#)
 Alan Grace
 Monday, 30 August 2021