

New Zealand Delta Outbreak
Worst Case Scenarios

SQRT(2)= 1.414214

Re= 6.047

d= Day#

C= ar^d

a= 1.160 Total

r= 1.414214 Actual Daily

d Estimate Cases Growth

Date	d	Estimate	Actual Cases	Daily Growth	#Days
Tuesday, 10 August 2021	0	1.160	1		
Wednesday, 11 August 2021	1	1.640		1.414214	
Thursday, 12 August 2021	2	2.320	2	1.414214	
Friday, 13 August 2021	3	3.281	3	1.414214	
Saturday, 14 August 2021	4	4.640		1.414214	
Sunday, 15 August 2021	5	6.562		1.414214	
Monday, 16 August 2021	6	9.280		1.414214	
Tuesday, 17 August 2021	7	13.124	1		
Wednesday, 18 August 2021	8	18.560	10		
Thursday, 19 August 2021	9	26.248	21	Average	#Days
Friday, 20 August 2021	10	37.120	31	10.000	1
Saturday, 21 August 2021	11	52.496	51	15.000	2
Sunday, 22 August 2021	12	74.240	72	17.000	3
Monday, 23 August 2021	13	104.991	107	21.500	4
Tuesday, 24 August 2021	14	148.480	148	25.400	5
Wednesday, 25 August 2021	15	209.982	210	31.500	6
Thursday, 26 August 2021	16	296.960	277	36.571	7
Friday, 27 August 2021	17	419.965	347	40.750	8
Saturday, 28 August 2021	18	593.920	429	45.333	9
Sunday, 29 August 2021	19	839.930	511	49.000	10
Monday, 30 August 2021	20	1187.840	562	49.182	11
Tuesday, 31 August 2021	21	1679.859	612	49.250	12
Wednesday, 1 September 2021	22	2375.680	687	51.231	13
Thursday, 2 September 2021	23	3359.719	725	50.286	14
Friday, 3 September 2021	24	4751.360	764	49.533	15
Saturday, 4 September 2021	25	6719.438	782	47.563	16

13 Days	Year	Week	Day
2,375.7	66,701.8	1,279.2	182.7

67,000	66,702	32% Auckland
210,000	208,443	100% NZ