

	A	B	C	D	E	F	G	H	J	K	L	M											
1	NZCOVID-19 Cases 2020			Diff	0.003709	1st Cycle	2nd Cycle	Total		1st Cycle	2nd Cycle	Total											
2	Re=	5.8			1.390595	5 Days	0.880778	5.8		1.394304027													
3			NZ Cases	r	1.394304	5.2697184	0.530068	5.799786	^5	5.269718401	0.530067975	5.799786376											
4	0	16-Mar	8		10	10		0.000214	0	10.00													
5	1	17-Mar	12		13.94304				5	52.70													
6	2	18-Mar	20		19.44084				10	277.70	5.300680	283.00											
7	3	19-Mar	28		27.10644				15	1,463.40	27.933090	1,491.33											
8	4	20-Mar	39		37.79462				20	7,711.69	147.199516	7,858.89											
9	5	21-Mar	52	1.390595	52.69718	52.69718			25	40,638.44	775.700000	41,414.14											
10	6	22-Mar	66		73.47590				30	214,153.14	4,087.720562	218,240.86											
11	7	23-Mar	102		102.44774				35	1,128,526.75	21,541.136264	1,150,067.89											
12	8	24-Mar	155		142.84329				40	5,947,018.19	113,515.722148	6,060,533.91											
13	9	25-Mar	205		199.16698																		
14	10	26-Mar	283		277.69932	277.69932	5.30068	283															
15	11	27-Mar	368		387.19728																		
16	12	28-Mar	451		539.87073																		
17	13	29-Mar			752.74393																		
18	14	30-Mar			1049.55389																		
19	15	31-Mar			1463.39722	1463.39722																	
20	16	1-Apr			2040.42063																		
21	17	2-Apr			2844.96671																		
22	18	3-Apr			3966.74854																		
23	19	4-Apr			5530.85346																		
24	20	5-Apr			7711.69125	7711.69125																	
51	$R_0 = nr^{n+1}(r-1)/(r^n - 1)$																						
52																							
53																							
54																							
55																							
56																							
57																							
58													r	n	Re or Ro								
60													1.400000	10	5.8005338								
61													SQRT(2)	1.414214	10	6.0468277							
67	Diff	-0.014214		-0.246294																			
68																							
69	Day 0	Day 10	283/10		Re	r=Re^.2	10r^5	10r^10															

	A	B	C	D	E	F	G	H	J	K	L	M
70	10	283	28.3	SQRT	5.3197744	1.3969429	53.19774	283				