

10 Ro= $n * r^{(n+1)} * (r - 1) / (r^n - 1)$ SQRT(2)= 1.41421
 n= 10 Days 10 Cases Day 0 SQRT(3)= 1.73205

r	Re	Re Cases Day 10	Ro Cases Day 10	r	0.02 + Ro	Ro	Re	+ Re	Ro/Re
1.09	1.69844	23.674	31.931	1.12311		2.01305	1.69844	1.94844	1.1852
1.10	1.79020	25.937	35.028	1.13355		2.11877	1.79020	2.04020	1.1835
1.11	1.88480	28.394	38.304	1.14373		2.22472	1.88480	2.13480	1.1804
1.12	1.98222	31.058	41.773	1.15369		2.33117	1.98222	2.23222	1.1760
1.13	2.08247	33.946	45.450	1.16347		2.43835	2.08247	2.33247	1.1709
1.14	2.18553	37.072	49.353	1.17309		2.54647	2.18553	2.43553	1.1651
1.15	2.29140	40.456	53.499	1.18259		2.65571	2.29140	2.54140	1.1590
1.16	2.40005	44.114	57.907	1.19199		2.76623	2.40005	2.65005	1.1526
1.17	2.51148	48.068	62.598	1.20131		2.87819	2.51148	2.76148	1.1460
1.18	2.62567	52.338	67.593	1.21057		2.99171	2.62567	2.87567	1.1394
1.19	2.74261	56.947	72.913	1.21978		3.10691	2.74261	2.99261	1.1328
1.20	2.86227	61.917	78.584	1.22895		3.22390	2.86227	3.11227	1.1263
1.21	2.98465	67.275	84.630	1.23809		3.34277	2.98465	3.23465	1.1200
1.22	3.10972	73.046	91.079	1.24722		3.46361	3.10972	3.35972	1.1138
1.23	3.23746	79.259	97.959	1.25633		3.58650	3.23746	3.48746	1.1078
1.24	3.36787	85.944	105.299	1.26544		3.71150	3.36787	3.61787	1.1020
1.25	3.50091	93.132	113.132	1.27456		3.83867	3.50091	3.75091	1.0965
1.26	3.63657	100.857	121.492	1.28367		3.96806	3.63657	3.88657	1.0912
1.27	3.77483	109.153	130.413	1.29280		4.09972	3.77483	4.02483	1.0861
1.28	3.91567	118.059	139.934	1.30194		4.23369	3.91567	4.16567	1.0812
1.29	4.05908	127.614	150.094	1.31110		4.37001	4.05908	4.30908	1.0766
1.30	4.20502	137.858	160.935	1.32028		4.50870	4.20502	4.45502	1.0722
1.31	4.35350	148.838	172.502	1.32947		4.64980	4.35350	4.60350	1.0681
1.32	4.50448	160.598	184.840	1.33869		4.79331	4.50448	4.75448	1.0641
1.33	4.65795	173.187	197.999	1.34793		4.93926	4.65795	4.90795	1.0604
1.34	4.81390	186.659	212.032	1.35719		5.08766	4.81390	5.06390	1.0569
1.35	4.97230	201.066	226.991	1.36647		5.23853	4.97230	5.22230	1.0535
1.36	5.13313	216.466	242.936	1.37578		5.39187	5.13313	5.38313	1.0504
1.37	5.29639	232.919	259.927	1.38511		5.54768	5.29639	5.54639	1.0474
1.38	5.46205	250.490	278.027	1.39447		5.70596	5.46205	5.71205	1.0447
1.39	5.63011	269.245	297.303	1.40385		5.86673	5.63011	5.88011	1.0420
1.40	5.80053	289.255	317.826	1.41325	6.04998	6.02998	5.80053	6.05053	1.0396
1.41	5.97332	310.593	339.671	1.42268	6.21570	6.19570	5.97332		1.0372
1.42	6.14845	333.337	362.914	1.43212	6.38389	6.36389	6.14845		1.0350
1.43	6.32591	357.569	387.639	1.44159	6.55455	6.53455	6.32591		1.0330
1.44	6.50569	383.376	413.932	1.45109	6.72767	6.70767	6.50569		1.0310
1.45	6.68778	410.847	441.881	1.46060	6.90325	6.88325	6.68778		1.0292
1.46	6.87216	440.077	471.584	1.47013	7.08127	7.06127	6.87216		1.0275
1.47	7.05882	471.165	503.138	1.47968	7.26172	7.24172	7.05882		1.0259
1.48	7.24774	504.217	536.649	1.48925	7.44460	7.42460	7.24774		1.0244
1.49	7.43893	539.340	572.226	1.49885	7.62990	7.60990	7.43893		1.0230
1.50	7.63236	576.650	609.984	1.50845	7.81761	7.79761	7.63236		1.0217
1.51	7.82802	616.268	650.043	1.51808	8.00771	7.98771	7.82802		1.0204
1.52	8.02592	658.318	692.529	1.52772	8.20021	8.18021	8.02592		1.0192
1.53	8.22602	702.934	737.574	1.53738	8.39507	8.37507	8.22602		1.0181
1.54	8.42834	750.252	785.317	1.54705	8.59231	8.57231	8.42834		1.0171
1.55	8.63285	800.418	835.902	1.55674	8.79189	8.77189	8.63285		1.0161

$$10 \quad Ro = n * r^{(n+1)} * (r - 1) / (r^n - 1)$$

$$n = 10 \quad \text{Days} \quad 10 \quad \text{Cases} \quad \text{Day} \quad 0$$

$$\text{SQRT}(2) = 1.41421$$

$$\text{SQRT}(3) = 1.73205$$

		Re Cases	Ro Cases	0.02				0.25000	
r	Re	Day 10	Day 10	r	+ Ro	Ro	Re	+ Re	Ro/Re
1.56	8.83956	853.583	889.481	1.56644	8.99382	8.97382	8.83956		1.0152
1.57	9.04844	909.906	946.212	1.57615	9.19809	9.17809	9.04844		1.0143
1.58	9.25950	969.551	1,006.260	1.58588	9.40467	9.38467	9.25950		1.0135
1.59	9.47273	1,032.693	1,069.800	1.59562	9.61357	9.59357	9.47273		1.0128
1.60	9.68811	1,099.512	1,137.012	1.60537	9.82477	9.80477	9.68811		1.0120
1.61	9.90565	1,170.196	1,208.085	1.61514	10.03826	10.01826	9.90565		1.0114
1.62	10.12533	1,244.945	1,283.217	1.62491	10.25404	10.23404	10.12533		1.0107
1.63	10.34715	1,323.964	1,362.614	1.63470	10.47208	10.45208	10.34715		1.0101
1.64	10.57111	1,407.468	1,446.492	1.64449	10.69239	10.67239	10.57111		1.0096
1.65	10.79719	1,495.683	1,535.077	1.65430	10.91495	10.89495	10.79719		1.0091
1.66	11.02539	1,588.843	1,628.602	1.66411	11.13975	11.11975	11.02539		1.0086
1.67	11.25571	1,687.193	1,727.313	1.67393	11.36679	11.34679	11.25571		1.0081
1.68	11.48814	1,790.989	1,831.465	1.68376	11.59605	11.57605	11.48814		1.0077
1.69	11.72268	1,900.496	1,941.325	1.69360	11.82754	11.80754	11.72268		1.0072
1.70	11.95932	2,015.994	2,057.170	1.70344	12.06123	12.04123	11.95932		1.0068
1.71	12.19806	2,137.771	2,179.291	1.71329	12.29712	12.27712	12.19806		1.0065
1.72	12.43889	2,266.128	2,307.989	1.72315	12.53521	12.51521	12.43889		1.0061
1.73	12.68181	2,401.381	2,443.577	1.73302	12.77549	12.75549	12.68181		1.0058
1.74	12.92682	2,543.856	2,586.384	1.74289	13.01794	12.99794	12.92682		1.0055
1.75	13.17390	2,693.894	2,736.751	1.75276	13.26257	13.24257	13.17390		1.0052
1.76	13.42307	2,851.850	2,895.032	1.76265	13.50937	13.48937	13.42307		1.0049
1.77	13.67431	3,018.093	3,061.596	1.77253	13.75832	13.73832	13.67431		1.0047
1.78	13.92762	3,193.008	3,236.828	1.78243	14.00943	13.98943	13.92762		1.0044
1.79	14.18300	3,376.994	3,421.128	1.79233	14.26269	14.24269	14.18300		1.0042
1.80	14.44044	3,570.467	3,614.912	1.80223	14.51809	14.49809	14.44044		1.0040
1.81	14.69995	3,773.860	3,818.611	1.81213	14.77562	14.75562	14.69995		1.0038
1.82	14.96152	3,987.621	4,032.676	1.82205	15.03529	15.01529	14.96152		1.0036
1.83	15.22515	4,212.219	4,257.574	1.83196	15.29708	15.27708	15.22515		1.0034
1.84	15.49083	4,448.138	4,493.790	1.84188	15.56100	15.54100	15.49083		1.0032
1.85	15.75856	4,695.883	4,741.829	1.85180	15.82703	15.80703	15.75856		1.0031
1.86	16.02834	4,955.979	5,002.215	1.86173	16.09517	16.07517	16.02834		1.0029
1.87	16.30017	5,228.969	5,275.493	1.87166	16.36542	16.34542	16.30017		1.0028
1.88	16.57405	5,515.419	5,562.227	1.88159	16.63777	16.61777	16.57405		1.0026
1.89	16.84997	5,815.915	5,863.005	1.89152	16.91222	16.89222	16.84997		1.0025
1.90	17.12794	6,131.066	6,178.435	1.90146	17.18877	17.16877	17.12794		1.0024
1.91	17.40794	7,107.655	7,160.064	1.91140	17.46741	17.44741	17.40794		1.0023
1.92	17.68998	8,169.463	8,226.963	1.92135	17.74813	17.72813	17.68998		1.0022
1.93	17.97407	9,322.158	9,384.800	1.93129	18.03095	18.01095	17.97407		1.0021
1.94	18.26018	10,571.712	10,639.547	1.94124	18.31584	18.29584	18.26018		1.0020
1.95	18.54833	11,924.423	11,997.500	1.95119	18.60281	18.58281	18.54833		1.0019
1.96	18.83852	13,386.921	13,465.288	1.96114	18.89185	18.87185	18.83852		1.0018
1.97	19.13073	14,966.188	15,049.893	1.97110	19.18297	19.16297	19.13073		1.0017
1.98	19.42498	16,669.570	16,758.661	1.98106	19.47616	19.45616	19.42498		1.0016
1.99	19.72125	18,504.799	18,599.321	1.99101	19.77141	19.75141	19.72125		1.0015
2.00	20.01955	20,480.000	20,580.000	2.00097	20.06873	20.04873	20.01955		1.0015
2.01	20.31988	22,603.717	22,709.240	2.01094	20.36810	20.34810	20.31988		1.0014

10 Ro= $n * r^{(n+1)} * (r - 1) / (r^n - 1)$
n= 10 Days 10 Cases Day 0

SQRT(2)= 1.41421
SQRT(3)= 1.73205

		Re Cases	Ro Cases		0.02			0.25000	
r	Re	Day 10	Day 10	r	+ Ro	Ro	Re	+ Re	Ro/Re
1.414214	6.04683	320.000	349.289	1.42665	6.28627	6.26627	6.04683		1.0363
1.467000	7.00258	507.801	542.818	1.47682	7.20733	7.18733	7.00258		1.0264
1.732051	12.73189	2,430.000	2,472.265	1.73504	12.82503	12.80503	12.73189		1.0057
1.900000	17.12794	6,131.066	6,178.435	1.90146	17.18877	17.16877	17.12794		1.0024
1.908667	17.37050	6,416.551	6,464.158	1.91008	17.43014	17.41014	17.37050		1.0023
1.910000	17.40794	6,461.505	6,509.149	1.91140	17.46741	17.44741	17.40794		1.0023
2.000000	20.01955	10,240.000	10,290.000	2.00097	20.06873	20.04873	20.01955		1.0015
2.004072	20.14160	11495.44766	11550.55941	2.00503	20.19038	20.17038	20.14160		1.0014