

$$F_X(x) = \sum_{k=0}^x \frac{e^{-c} c^k}{k!}$$

	c																							
x	0.05	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	1.5	2	3	4	5	6	7	8	9	10	20	50	
0	0.951229	0.904837	0.818731	0.740818	0.670320	0.606531	0.548812	0.496585	0.449329	0.406570	0.367879	0.223130	0.135335	0.049787	0.018316	0.006738	0.002479	0.000912	0.000335	0.000123	0.000045			
1	0.998791	0.995321	0.982477	0.963064	0.938448	0.909796	0.878099	0.844195	0.808792	0.772482	0.735759	0.557825	0.406006	0.199148	0.091578	0.040428	0.017351	0.007295	0.003019	0.001234	0.000499			
2	0.999980	0.999845	0.998852	0.996401	0.992074	0.985612	0.976885	0.965858	0.952577	0.937143	0.919699	0.808847	0.676676	0.423190	0.238103	0.124652	0.061969	0.029636	0.013754	0.006232	0.002769			
3	1.000000	0.999996	0.999943	0.999734	0.999224	0.998248	0.996642	0.994247	0.990920	0.986541	0.981012	0.934358	0.857123	0.647232	0.433470	0.265026	0.151204	0.081765	0.042380	0.021226	0.010336	0.000003		
4		1.000000	0.999998	0.999984	0.999939	0.999828	0.999606	0.999214	0.998589	0.997656	0.996340	0.981424	0.947347	0.815263	0.628837	0.440493	0.285057	0.172992	0.099632	0.054964	0.029253	0.000017		
5			1.000000	0.999999	0.999996	0.999986	0.999961	0.999910	0.999816	0.999657	0.999406	0.995544	0.983436	0.916082	0.785130	0.615961	0.445680	0.300708	0.191236	0.115691	0.067086	0.000072		
6				1.000000	1.000000	0.999999	0.999997	0.999991	0.999979	0.999957	0.999917	0.999074	0.995466	0.966491	0.889326	0.762183	0.606303	0.449711	0.313374	0.206781	0.130141	0.000255		
7					1.000000	1.000000	0.999999	0.999997	0.999998	0.999995	0.999990	0.999830	0.998903	0.988095	0.948866	0.866628	0.743980	0.598714	0.452961	0.323897	0.220221	0.000779		
8								1.000000	1.000000	1.000000	0.999999	0.999972	0.999763	0.996197	0.978637	0.931906	0.847237	0.729091	0.592547	0.455653	0.332820	0.002087		
9											1.000000	0.999996	0.999954	0.998898	0.991868	0.968172	0.916076	0.830496	0.716624	0.587408	0.457930	0.004995		
10												0.999999	0.999992	0.999708	0.997160	0.986305	0.957379	0.901479	0.815886	0.705988	0.583040	0.010812		
11												1.000000	0.999999	0.999929	0.999085	0.994547	0.979908	0.946650	0.888076	0.803008	0.696776	0.021387		
12													1.000000	0.999984	0.999726	0.997981	0.991173	0.973000	0.936203	0.875773	0.791556	0.039012		
13														0.999997	0.999924	0.999302	0.996372	0.987189	0.965819	0.926149	0.864464	0.066128		
14														0.999999	0.999980	0.999774	0.998600	0.994283	0.982743	0.958534	0.916542	0.104864		
15														1.000000	0.999995	0.999931	0.999491	0.997593	0.991769	0.977964	0.951260	0.156513		
16															0.999999	0.999980	0.999825	0.999042	0.996282	0.988894	0.972958	0.221074		
17															1.000000	0.999995	0.999943	0.999638	0.998406	0.994680	0.985722	0.297028		
18																0.999999	0.999982	0.999870	0.999350	0.997574	0.992813	0.381422		
19																1.000000	0.999995	0.999956	0.999747	0.998944	0.996546	0.470257	0.000000	
20																	0.999999	0.999986	0.999906	0.999561	0.998412	0.559093	0.000001	
21																	1.000000	0.999995	0.999967	0.999825	0.999300	0.643698	0.000003	
22																		0.999999	0.999989	0.999933	0.999704	0.720611	0.000007	
23																		1.000000	0.999996	0.999975	0.999880	0.787493	0.000016	
24																			0.999999	0.999991	0.999953	0.843227	0.000035	
25																			1.000000	0.999997	0.999982	0.887815	0.000072	
26																				0.999999	0.999994	0.922113	0.000143	
27																				1.000000	0.999998	0.947519	0.000275	
28																					0.999999	0.965666	0.000511	
29																						1.000000	0.978182	0.000917
30																							0.986525	0.001594
31																							0.991908	0.002686
32																							0.995273	0.004393
33																							0.997312	0.006979
34																							0.998511	0.010781
35																							0.999196	0.016214
36																							0.999577	0.023759
37																							0.999783	0.033955
38																							0.999891	0.047371
39																							0.999947	0.064570
40																							0.999975	0.086070
41																							0.999988	0.112289
42																							0.999995	0.143502
43																							0.999998	0.179797
44																							0.999999	0.221040
45																							1.000000	0.266866
46																								0.316678
47																								0.369668
48																								0.424867
49																								0.481192
50																								0.537517