Standard normal probabilities

Key: Table entry for z is the area under the standard normal curve to the left of z.

z	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
−3.4	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0002
−3.3	0.0005	0.0005	0.0005	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0003
−3.2	0.0007	0.0007	0.0006	0.0006	0.0006	0.0006	0.0006	0.0005	0.0005	0.0005
−3.1	0.0010	0.0009	0.0009	0.0009	0.0008	0.0008	0.0008	0.0008	0.0007	0.0007
−3.0	0.0013	0.0013	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0010	0.0010
−2.9	0.0019	0.0018	0.0018	0.0017	0.0016	0.0016	0.0015	0.0015	0.0014	0.0014
−2.8	0.0026	0.0025	0.0024	0.0023	0.0023	0.0022	0.0021	0.0021	0.0020	0.0019
−2.7	0.0035	0.0034	0.0033	0.0032	0.0031	0.0030	0.0029	0.0028	0.0027	0.0026
−2.6	0.0047	0.0045	0.0044	0.0043	0.0041	0.0040	0.0039	0.0038	0.0037	0.0036
−2.5	0.0062	0.0060	0.0059	0.0057	0.0055	0.0054	0.0052	0.0051	0.0049	0.0048
−2.4	0.0082	0.0080	0.0078	0.0075	0.0073	0.0071	0.0069	0.0068	0.0066	0.0064
−2.3	0.0107	0.0104	0.0102	0.0099	0.0096	0.0094	0.0091	0.0089	0.0087	0.0084
−2.2	0.0139	0.0136	0.0132	0.0129	0.0125	0.0122	0.0119	0.0116	0.0113	0.0110
−2.1	0.0179	0.0174	0.0170	0.0166	0.0162	0.0158	0.0154	0.0150	0.0146	0.0143
−2.0	0.0228	0.0222	0.0217	0.0212	0.0207	0.0202	0.0197	0.0192	0.0188	0.0183
−1.9	0.0287	0.0281	0.0274	0.0268	0.0262	0.0256	0.0250	0.0244	0.0239	0.0233
−1.8	0.0359	0.0351	0.0344	0.0336	0.0329	0.0322	0.0314	0.0307	0.0301	0.0294
−1.7	0.0446	0.0436	0.0427	0.0418	0.0409	0.0401	0.0392	0.0384	0.0375	0.0367
−1.6	0.0548	0.0537	0.0526	0.0516	0.0505	0.0495	0.0485	0.0475	0.0465	0.0455
−1.5	0.0668	0.0655	0.0643	0.0630	0.0618	0.0606	0.0594	0.0582	0.0571	0.0559
−1.4	0.0808	0.0793	0.0778	0.0764	0.0749	0.0735	0.0721	0.0708	0.0694	0.0681
−1.3	0.0968	0.0951	0.0934	0.0918	0.0901	0.0885	0.0869	0.0853	0.0838	0.0823
−1.2	0.1151	0.1131	0.1112	0.1093	0.1075	0.1056	0.1038	0.1020	0.1003	0.0985
−1.1	0.1357	0.1335	0.1314	0.1292	0.1271	0.1251	0.1230	0.1210	0.1190	0.1170
−1.0	0.1587	0.1562	0.1539	0.1515	0.1492	0.1469	0.1446	0.1423	0.1401	0.1379
−0.9	0.1841	0.1814	0.1788	0.1762	0.1736	0.1711	0.1685	0.1660	0.1635	0.1611
−0.8	0.2119	0.2090	0.2061	0.2033	0.2005	0.1977	0.1949	0.1922	0.1894	0.1867
−0.7	0.2420	0.2389	0.2358	0.2327	0.2296	0.2266	0.2236	0.2206	0.2177	0.2148
−0.6	0.2743	0.2709	0.2676	0.2643	0.2611	0.2578	0.2546	0.2514	0.2483	0.2451
−0.5	0.3085	0.3050	0.3015	0.2981	0.2946	0.2912	0.2877	0.2843	0.2810	0.2776
−0.4	0.3446	0.3409	0.3372	0.3336	0.3300	0.3264	0.3228	0.3192	0.3156	0.3121
−0.3	0.3821	0.3783	0.3745	0.3707	0.3669	0.3632	0.3594	0.3557	0.3520	0.3483
−0.2	0.4207	0.4168	0.4129	0.4090	0.4052	0.4013	0.3974	0.3936	0.3897	0.3859
−0.1	0.4602	0.4562	0.4522	0.4483	0.4443	0.4404	0.4364	0.4325	0.4286	0.4247
−0.0	0.5000	0.4960	0.4920	0.4880	0.4840	0.4801	0.4761	0.4721	0.4681	0.4641
0.0	0.5000	0.5040	0.5080	0.5120	0.5160	0.5199	0.5239	0.5279	0.5319	0.5359
0.1	0.5398	0.5438	0.5478	0.5517	0.5557	0.5596	0.5636	0.5675	0.5714	0.5753
0.2	0.5793	0.5832	0.5871	0.5910	0.5948	0.5987	0.6026	0.6064	0.6103	0.6141
0.3	0.6179	0.6217	0.6255	0.6293	0.6331	0.6368	0.6406	0.6443	0.6480	0.6517
0.4	0.6554	0.6591	0.6628	0.6664	0.6700	0.6736	0.6772	0.6808	0.6844	0.6879
0.5	0.6915	0.6950	0.6985	0.7019	0.7054	0.7088	0.7123	0.7157	0.7190	0.7224
0.6	0.7257	0.7291	0.7324	0.7357	0.7389	0.7422	0.7454	0.7486	0.7517	0.7549
0.7	0.7580	0.7611	0.7642	0.7673	0.7704	0.7734	0.7764	0.7794	0.7823	0.7852
0.8	0.7881	0.7910	0.7939	0.7967	0.7995	0.8023	0.8051	0.8078	0.8106	0.8133
0.9	0.8159	0.8186	0.8212	0.8238	0.8264	0.8289	0.8315	0.8340	0.8365	0.8389
1.0	0.8413	0.8438	0.8461	0.8485	0.8508	0.8531	0.8554	0.8577	0.8599	0.8621
1.1	0.8643	0.8665	0.8686	0.8708	0.8729	0.8749	0.8770	0.8790	0.8810	0.8830
1.2	0.8849	0.8869	0.8888	0.8907	0.8925	0.8944	0.8962	0.8980	0.8997	0.9015
1.3	0.9032	0.9049	0.9066	0.9082	0.9099	0.9115	0.9131	0.9147	0.9162	0.9177
1.4	0.9192	0.9207	0.9222	0.9236	0.9251	0.9265	0.9279	0.9292	0.9306	0.9319
1.5	0.9332	0.9345	0.9357	0.9370	0.9382	0.9394	0.9406	0.9418	0.9429	0.9441
1.6	0.9452	0.9463	0.9474	0.9484	0.9495	0.9505	0.9515	0.9525	0.9535	0.9545
1.7	0.9554	0.9564	0.9573	0.9582	0.9591	0.9599	0.9608	0.9616	0.9625	0.9633
1.8	0.9641	0.9649	0.9656	0.9664	0.9671	0.9678	0.9686	0.9693	0.9699	0.9706
1.9	0.9713	0.9719	0.9726	0.9732	0.9738	0.9744	0.9750	0.9756	0.9761	0.9767
2.0	0.9772	0.9778	0.9783	0.9788	0.9793	0.9798	0.9803	0.9808	0.9812	0.9817
2.1	0.9821	0.9826	0.9830	0.9834	0.9838	0.9842	0.9846	0.9850	0.9854	0.9857
2.2	0.9861	0.9864	0.9868	0.9871	0.9875	0.9878	0.9881	0.9884	0.9887	0.9890
2.3	0.9893	0.9896	0.9898	0.9901	0.9904	0.9906	0.9909	0.9911	0.9913	0.9916
2.4	0.9918	0.9920	0.9922	0.9925	0.9927	0.9929	0.9931	0.9932	0.9934	0.9936
2.5	0.9938	0.9940	0.9941	0.9943	0.9945	0.9946	0.9948	0.9949	0.9951	0.9952
2.6	0.9953	0.9955	0.9956	0.9957	0.9959	0.9960	0.9961	0.9962	0.9963	0.9964
2.7	0.9965	0.9966	0.9967	0.9968	0.9969	0.9970	0.9971	0.9972	0.9973	0.9974
2.8	0.9974	0.9975	0.9976	0.9977	0.9977	0.9978	0.9979	0.9979	0.9980	0.9981
2.9	0.9981	0.9982	0.9982	0.9983	0.9984	0.9984	0.9985	0.9985	0.9986	0.9986
3.0	0.9987	0.9987	0.9987	0.9988	0.9988	0.9989	0.9989	0.9989	0.9990	0.9990
3.1	0.9990	0.9991	0.9991	0.9991	0.9992	0.9992	0.9992	0.9992	0.9993	0.9993
3.2	0.9993	0.9993	0.9994	0.9994	0.9994	0.9994	0.9994	0.9995	0.9995	0.9995
3.3	0.9995	0.9995	0.9995	0.9996	0.9996	0.9996	0.9996	0.9996	0.9996	0.9997
3.4	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9998

PROBABILITY TABLES

Cumulative probabilities for the Binomial Distribution

The table gives the probabilities $P(X \leq x)$ where $X \sim \text{Bin}(n, p)$
Read blank entries as 0.0000 or 1.0000 as appropriate

	p	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
n	x									
2	**0**	0.8100	0.6400	0.4900	0.3600	0.2500	0.1600	0.0900	0.0400	0.0100
	1	0.9900	0.9600	0.9100	0.8400	0.7500	0.6400	0.5100	0.3600	0.1900
	2	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
3	**0**	0.7290	0.5120	0.3430	0.2160	0.1250	0.0640	0.0270	0.0080	0.0010
	1	0.9720	0.8960	0.7840	0.6480	0.5000	0.3520	0.2160	0.1040	0.0280
	2	0.9990	0.9920	0.9730	0.9360	0.8750	0.7840	0.6570	0.4880	0.2710
	3	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
4	**0**	0.6561	0.4096	0.2401	0.1296	0.0625	0.0256	0.0081	0.0016	0.0001
	1	0.9477	0.8192	0.6517	0.4752	0.3125	0.1792	0.0837	0.0272	0.0037
	2	0.9963	0.9728	0.9163	0.8208	0.6875	0.5248	0.3483	0.1808	0.0523
	3	0.9999	0.9984	0.9919	0.9744	0.9375	0.8704	0.7599	0.5904	0.3439
	4	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
5	**0**	0.5905	0.3277	0.1681	0.0778	0.0312	0.0102	0.0024	0.0003	0.0000
	1	0.9185	0.7373	0.5282	0.3370	0.1875	0.0870	0.0308	0.0067	0.0005
	2	0.9914	0.9421	0.8369	0.6826	0.5000	0.3174	0.1631	0.0579	0.0086
	3	0.9995	0.9933	0.9692	0.9130	0.8125	0.6630	0.4718	0.2627	0.0815
	4	1.0000	0.9997	0.9976	0.9898	0.9688	0.9222	0.8319	0.6723	0.4095
	5		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
6	**0**	0.5314	0.2621	0.1176	0.0467	0.0156	0.0041	0.0007	0.0001	0.0000
	1	0.8857	0.6554	0.4202	0.2333	0.1094	0.0410	0.0109	0.0016	0.0001
	2	0.9842	0.9011	0.7443	0.5443	0.3438	0.1792	0.0705	0.0170	0.0013
	3	0.9987	0.9830	0.9295	0.8208	0.6562	0.4557	0.2557	0.0989	0.0158
	4	0.9999	0.9984	0.9891	0.9590	0.8906	0.7667	0.5798	0.3446	0.1143
	5	1.0000	0.9999	0.9993	0.9959	0.9844	0.9533	0.8824	0.7379	0.4686
	6		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
7	**0**	0.4783	0.2097	0.0824	0.0280	0.0078	0.0016	0.0002	0.0000	
	1	0.8503	0.5767	0.3294	0.1586	0.0625	0.0188	0.0038	0.0004	0.0000
	2	0.9743	0.8520	0.6471	0.4199	0.2266	0.0963	0.0288	0.0047	0.0002
	3	0.9973	0.9667	0.8740	0.7102	0.5000	0.2898	0.1260	0.0333	0.0027
	4	0.9998	0.9953	0.9712	0.9037	0.7734	0.5801	0.3529	0.1480	0.0257
	5	1.0000	0.9996	0.9962	0.9812	0.9375	0.8414	0.6706	0.4233	0.1497
	6		1.0000	0.9998	0.9984	0.9922	0.9720	0.9176	0.7903	0.5217
	7			1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
8	**0**	0.4305	0.1678	0.0576	0.0168	0.0039	0.0007	0.0001	0.0000	
	1	0.8131	0.5033	0.2553	0.1064	0.0352	0.0085	0.0013	0.0001	
	2	0.9619	0.7969	0.5518	0.3154	0.1445	0.0498	0.0113	0.0012	0.0000
	3	0.9950	0.9437	0.8059	0.5941	0.3633	0.1737	0.0580	0.0104	0.0004
	4	0.9996	0.9896	0.9420	0.8263	0.6367	0.4059	0.1941	0.0563	0.0050
	5	1.0000	0.9988	0.9887	0.9502	0.8555	0.6846	0.4482	0.2031	0.0381
	6		0.9999	0.9987	0.9915	0.9648	0.8936	0.7447	0.4967	0.1869
	7		1.0000	0.9999	0.9993	0.9961	0.9832	0.9424	0.8322	0.5695
	8			1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

	p	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
n	x									
9	**0**	0.3874	0.1342	0.0404	0.0101	0.0020	0.0003	0.0000		
	1	0.7748	0.4362	0.1960	0.0705	0.0195	0.0038	0.0004	0.0000	
	2	0.9470	0.7382	0.4628	0.2318	0.0898	0.0250	0.0043	0.0003	0.0000
	3	0.9917	0.9144	0.7297	0.4826	0.2539	0.0994	0.0253	0.0031	0.0001
	4	0.9991	0.9804	0.9012	0.7334	0.5000	0.2666	0.0988	0.0196	0.0009
	5	0.9999	0.9969	0.9747	0.9006	0.7461	0.5174	0.2703	0.0856	0.0083
	6	1.0000	0.9997	0.9957	0.9750	0.9102	0.7682	0.5372	0.2618	0.0530
	7		1.0000	0.9996	0.9962	0.9805	0.9295	0.8040	0.5638	0.2252
	8			1.0000	0.9997	0.9980	0.9899	0.9596	0.8658	0.6126
	9				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
10	**0**	0.3487	0.1074	0.0282	0.0060	0.0010	0.0001	0.0000		
	1	0.7361	0.3758	0.1493	0.0464	0.0107	0.0017	0.0001	0.0000	
	2	0.9298	0.6778	0.3828	0.1673	0.0547	0.0123	0.0016	0.0001	
	3	0.9872	0.8791	0.6496	0.3823	0.1719	0.0548	0.0106	0.0009	0.0000
	4	0.9984	0.9672	0.8497	0.6331	0.3770	0.1662	0.0473	0.0064	0.0001
	5	0.9999	0.9936	0.9527	0.8338	0.6230	0.3669	0.1503	0.0328	0.0016
	6	1.0000	0.9991	0.9894	0.9452	0.8281	0.6177	0.3504	0.1209	0.0128
	7		0.9999	0.9984	0.9877	0.9453	0.8327	0.6172	0.3222	0.0702
	8		1.0000	0.9999	0.9983	0.9893	0.9536	0.8507	0.6242	0.2639
	9			1.0000	0.9999	0.9990	0.9940	0.9718	0.8926	0.6513
	10				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
11	**0**	0.3138	0.0859	0.0198	0.0036	0.0005	0.0000			
	1	0.6974	0.3221	0.1130	0.0302	0.0059	0.0007	0.0000		
	2	0.9104	0.6174	0.3127	0.1189	0.0327	0.0059	0.0006	0.0000	
	3	0.9815	0.8389	0.5696	0.2963	0.1133	0.0293	0.0043	0.0002	
	4	0.9972	0.9496	0.7897	0.5328	0.2744	0.0994	0.0216	0.0020	0.0000
	5	0.9997	0.9883	0.9218	0.7535	0.5000	0.2465	0.0782	0.0117	0.0003
	6	1.0000	0.9980	0.9784	0.9006	0.7256	0.4672	0.2103	0.0504	0.0028
	7		0.9998	0.9957	0.9707	0.8867	0.7037	0.4304	0.1611	0.0185
	8		1.0000	0.9994	0.9941	0.9673	0.8811	0.6873	0.3826	0.0896
	9			1.0000	0.9993	0.9941	0.9698	0.8870	0.6779	0.3026
	10				1.0000	0.9995	0.9964	0.9802	0.9141	0.6862
	11					1.0000	1.0000	1.0000	1.0000	1.0000
12	**0**	0.2824	0.0687	0.0138	0.0022	0.0002	0.0000			
	1	0.6590	0.2749	0.0850	0.0196	0.0032	0.0003	0.0000		
	2	0.8891	0.5583	0.2528	0.0834	0.0193	0.0028	0.0002	0.0000	
	3	0.9744	0.7946	0.4925	0.2253	0.0730	0.0153	0.0017	0.0001	
	4	0.9957	0.9274	0.7237	0.4382	0.1938	0.0573	0.0095	0.0006	0.0000
	5	0.9995	0.9806	0.8822	0.6652	0.3872	0.1582	0.0386	0.0039	0.0000
	6	0.9999	0.9961	0.9614	0.8418	0.6128	0.3348	0.1178	0.0194	0.0005
	7	1.0000	0.9994	0.9905	0.9427	0.8062	0.5618	0.2763	0.0726	0.0043
	8		0.9999	0.9983	0.9847	0.9270	0.7747	0.5075	0.2054	0.0256
	9		1.0000	0.9998	0.9972	0.9807	0.9166	0.7472	0.4417	0.1109
	10			1.0000	0.9997	0.9968	0.9804	0.9150	0.7251	0.3410
	11				1.0000	0.9998	0.9978	0.9862	0.9313	0.7176
	12					1.0000	1.0000	1.0000	1.0000	1.0000

	p	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
n	x									
14	**0**	0.2288	0.0440	0.0068	0.0008	0.0001	0.0000			
	1	0.5846	0.1979	0.0475	0.0081	0.0009	0.0001			
	2	0.8416	0.4480	0.1608	0.0398	0.0065	0.0006	0.0000		
	3	0.9559	0.6982	0.3552	0.1243	0.0287	0.0039	0.0002		
	4	0.9908	0.8702	0.5842	0.2793	0.0898	0.0175	0.0017	0.0000	
	5	0.9985	0.9561	0.7805	0.4859	0.2120	0.0583	0.0083	0.0004	
	6	0.9998	0.9884	0.9067	0.6925	0.3953	0.1501	0.0315	0.0024	0.0000
	7	1.0000	0.9976	0.9685	0.8499	0.6047	0.3075	0.0933	0.0116	0.0002
	8		0.9996	0.9917	0.9417	0.7880	0.5141	0.2195	0.0439	0.0015
	9		1.0000	0.9983	0.9825	0.9102	0.7207	0.4158	0.1298	0.0092
	10			0.9998	0.9961	0.9713	0.8757	0.6448	0.3018	0.0441
	11			1.0000	0.9994	0.9935	0.9602	0.8392	0.5519	0.1584
	12				0.9999	0.9991	0.9919	0.9525	0.8021	0.4154
	13				1.0000	0.9999	0.9992	0.9932	0.9560	0.7712
	14					1.0000	1.0000	1.0000	1.0000	1.0000
15	**0**	0.2059	0.0352	0.0047	0.0005	0.0000				
	1	0.5490	0.1671	0.0353	0.0052	0.0005	0.0000			
	2	0.8159	0.3980	0.1268	0.0271	0.0037	0.0003	0.0000		
	3	0.9444	0.6482	0.2969	0.0905	0.0176	0.0019	0.0001		
	4	0.9873	0.8358	0.5155	0.2173	0.0592	0.0093	0.0007	0.0000	
	5	0.9978	0.9389	0.7216	0.4032	0.1509	0.0338	0.0037	0.0001	
	6	0.9997	0.9819	0.8689	0.6098	0.3036	0.0950	0.0152	0.0008	
	7	1.0000	0.9958	0.9500	0.7869	0.5000	0.2131	0.0500	0.0042	0.0000
	8		0.9992	0.9848	0.9050	0.6964	0.3902	0.1311	0.0181	0.0003
	9		0.9999	0.9963	0.9662	0.8491	0.5968	0.2784	0.0611	0.0022
	10		1.0000	0.9993	0.9907	0.9408	0.7827	0.4845	0.1642	0.0127
	11			0.9999	0.9981	0.9824	0.9095	0.7031	0.3518	0.0556
	12			1.0000	0.9997	0.9963	0.9729	0.8732	0.6020	0.1841
	13				1.0000	0.9995	0.9948	0.9647	0.8329	0.4510
	14					1.0000	0.9995	0.9953	0.9648	0.7941
	15						1.0000	1.0000	1.0000	1.0000
20	**0**	0.1216	0.0115	0.0008	0.0000					
	1	0.3917	0.0692	0.0076	0.0005	0.0000				
	2	0.6769	0.2061	0.0355	0.0036	0.0002				
	3	0.8670	0.4114	0.1071	0.0160	0.0013	0.0000			
	4	0.9568	0.6296	0.2375	0.0510	0.0059	0.0003			
	5	0.9887	0.8042	0.4164	0.1256	0.0207	0.0016	0.0000		
	6	0.9976	0.9133	0.6080	0.2500	0.0577	0.0065	0.0003		
	7	0.9996	0.9679	0.7723	0.4159	0.1316	0.0210	0.0013	0.0000	
	8	0.9999	0.9900	0.8867	0.5956	0.2517	0.0565	0.0051	0.0001	
	9	1.0000	0.9974	0.9520	0.7553	0.4119	0.1275	0.0171	0.0006	
	10		0.9994	0.9829	0.8725	0.5881	0.2447	0.0480	0.0026	0.0000
	11		0.9999	0.9949	0.9435	0.7483	0.4044	0.1133	0.0100	0.0001
	12		1.0000	0.9987	0.9790	0.8684	0.5841	0.2277	0.0321	0.0004
	13			0.9997	0.9935	0.9423	0.7500	0.3920	0.0867	0.0024
	14			1.0000	0.9984	0.9793	0.8744	0.5836	0.1958	0.0113
	15				0.9997	0.9941	0.9490	0.7625	0.3704	0.0432
	16				1.0000	0.9987	0.9840	0.8929	0.5886	0.1330
	17					0.9998	0.9964	0.9645	0.7939	0.3231
	18					1.0000	0.9995	0.9924	0.9308	0.6083
	19						1.0000	0.9992	0.9885	0.8784
	20							1.0000	1.0000	1.0000

	p	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
n	x									
25	**0**	0.0718	0.0038	0.0001	0.0000					
	1	0.2712	0.0274	0.0016	0.0000					
	2	0.5371	0.0982	0.0090	0.0004	0.0000				
	3	0.7636	0.2340	0.0332	0.0024	0.0001				
	4	0.9020	0.4207	0.0905	0.0095	0.0005	0.0000			
	5	0.9666	0.6167	0.1935	0.0294	0.0020	0.0001			
	6	0.9905	0.7800	0.3407	0.0736	0.0073	0.0003			
	7	0.9977	0.8909	0.5118	0.1536	0.0216	0.0012	0.0000		
	8	0.9995	0.9532	0.6769	0.2735	0.0539	0.0043	0.0001		
	9	0.9999	0.9827	0.8106	0.4246	0.1148	0.0132	0.0005		
	10	1.0000	0.9944	0.9022	0.5858	0.2122	0.0344	0.0018	0.0000	
	11		0.9985	0.9558	0.7323	0.3450	0.0778	0.0060	0.0001	
	12		0.9996	0.9825	0.8462	0.5000	0.1538	0.0175	0.0004	
	13		0.9999	0.9940	0.9222	0.6550	0.2677	0.0442	0.0015	
	14		1.0000	0.9982	0.9656	0.7878	0.4142	0.0978	0.0056	0.0000
	15			0.9995	0.9868	0.8852	0.5754	0.1894	0.0173	0.0001
	16			0.9999	0.9957	0.9461	0.7265	0.3231	0.0468	0.0005
	17			1.0000	0.9988	0.9784	0.8464	0.4882	0.1091	0.0023
	18				0.9997	0.9927	0.9264	0.6593	0.2200	0.0095
	19				0.9999	0.9980	0.9706	0.8065	0.3833	0.0334
	20				1.0000	0.9995	0.9905	0.9095	0.5793	0.0980
	21					0.9999	0.9976	0.9668	0.7660	0.2364
	22					1.0000	0.9996	0.9910	0.9018	0.4629
	23						0.9999	0.9984	0.9726	0.7288
	24						1.0000	0.9999	0.9962	0.9282
	25							1.0000	1.0000	1.0000
30	**0**	0.0424	0.0012	0.0000						
	1	0.1837	0.0105	0.0003						
	2	0.4114	0.0442	0.0021	0.0000					
	3	0.6474	0.1227	0.0093	0.0003					
	4	0.8245	0.2552	0.0302	0.0015	0.0000				
	5	0.9268	0.4275	0.0766	0.0057	0.0002				
	6	0.9742	0.6070	0.1595	0.0172	0.0007				
	7	0.9922	0.7608	0.2814	0.0435	0.0026	0.0000			
	8	0.9980	0.8713	0.4315	0.0940	0.0081	0.0002			
	9	0.9995	0.9389	0.5888	0.1763	0.0214	0.0009			
	10	0.9999	0.9744	0.7304	0.2915	0.0494	0.0029	0.0000		
	11	1.0000	0.9905	0.8407	0.4311	0.1002	0.0083	0.0002		
	12		0.9969	0.9155	0.5785	0.1808	0.0212	0.0006		
	13		0.9991	0.9599	0.7145	0.2923	0.0481	0.0021	0.0000	
	14		0.9998	0.9831	0.8246	0.4278	0.0971	0.0064	0.0001	
	15		0.9999	0.9936	0.9029	0.5722	0.1754	0.0169	0.0002	
	16		1.0000	0.9979	0.9519	0.7077	0.2855	0.0401	0.0009	
	17			0.9994	0.9788	0.8192	0.4215	0.0845	0.0031	
	18			0.9998	0.9917	0.8998	0.5689	0.1593	0.0095	0.0000
	19			1.0000	0.9971	0.9506	0.7085	0.2696	0.0256	0.0001
	20				0.9991	0.9786	0.8237	0.4112	0.0611	0.0005
	21				0.9998	0.9919	0.9060	0.5685	0.1286	0.0020
	22				1.0000	0.9974	0.9565	0.7186	0.2392	0.0078
	23					0.9993	0.9828	0.8405	0.3930	0.0258
	24					0.9998	0.9943	0.9234	0.5725	0.0732
	25					1.0000	0.9985	0.9698	0.7448	0.1755
	26						0.9997	0.9907	0.8773	0.3526
	27						1.0000	0.9979	0.9558	0.5886
	28							0.9997	0.9895	0.8163
	29							1.0000	0.9988	0.9576
	30								1.0000	1.0000

Table 2

The Cumulative Poisson Distribution

The tabulated quantity is

$$\sum_{j=0}^{k} e^{-\lambda} \frac{\lambda^j}{j!}.$$

				λ		
k	**0.001**	**0.005**	**0.010**	**0.015**	**0.020**	**0.025**
0	0.9990 0050	0.9950 1248	0.9900 4983	0.9851 1194	0.9801 9867	0.9753 099
1	0.9999 9950	0.9999 8754	0.9999 5033	0.9998 8862	0.9998 0264	0.9996 927
2	1.0000 0000	0.9999 9998	0.9999 9983	0.9999 9945	0.9999 9868	0.9999 974
3		1.0000 0000	1.0000 0000	1.0000 0000	0.9999 9999	1.0000 000
4					1.0000 0000	1.0000 000

				λ		
k	**0.030**	**0.035**	**0.040**	**0.045**	**0.050**	**0.055**
0	0.970 446	0.965 605	0.960 789	0.955 997	0.951 229	0.946 485
1	0.999 559	0.999 402	0.999 221	0.999 017	0.998 791	0.998 542
2	0.999 996	0.999 993	0.999 990	0.999 985	0.999 980	0.999 973
3	1.000 000	1.000 000	1.000 000	1.000 000	1.000 000	1.000 000

				λ		
k	**0.060**	**0.065**	**0.070**	**0.075**	**0.080**	**0.085**
0	0.941 765	0.937 067	0.932 394	0.927 743	0.923 116	0.918 512
1	0.998 270	0.997 977	0.997 661	0.997 324	0.996 966	0.996 586
2	0.999 966	0.999 956	0.999 946	0.999 934	0.999 920	0.999 904
3	0.999 999	0.999 999	0.999 999	0.999 999	0.999 998	0.999 998
4	1.000 000	1.000 000	1.000 000	1.000 000	1.000 000	1.000 000

				λ		
k	**0.090**	**0.095**	**0.100**	**0.200**	**0.300**	**0.400**
0	0.913 931	0.909 373	0.904 837	0.818 731	0.740 818	0.670 320
1	0.996 185	0.995 763	0.995 321	0.982 477	0.963 064	0.938 448
2	0.999 886	0.999 867	0.999 845	0.998 852	0.996 401	0.992 074
3	0.999 997	0.999 997	0.999 996	0.999 943	0.999 734	0.999 224
4	1.000 000	1.000 000	1.000 000	0.999 998	0.999 984	0.999 939
5				1.000 000	0.999 999	0.999 996
6					1.000 000	1.000 000

				λ		
k	**0.500**	**0.600**	**0.700**	**0.800**	**0.900**	**1.000**
0	0.606 531	0.548 812	0.496 585	0.449 329	0.406 329	0.367 879
1	0.909 796	0.878 099	0.844 195	0.808 792	0.772 482	0.735 759
2	0.985 612	0.976 885	0.965 858	0.952 577	0.937 143	0.919 699
3	0.998 248	0.996 642	0.994 247	0.990 920	0.986 541	0.981 012
4	0.999 828	0.999 606	0.999 214	0.998 589	0.997 656	0.996 340
5	0.999 986	0.999 961	0.999 910	0.999 816	0.999 657	0.999 406
6	0.999 999	0.999 997	0.999 991	0.999 979	0.999 957	0.999 917
7	1.000 000	1.000 000	0.999 999	0.999 998	0.999 995	0.999 990
8			1.000 000	1.000 000	1.000 000	0.999 999
9						1.000 000

Table 2 *(continued)*

	λ							
k	**1.20**	**1.40**	**1.60**	**1.80**	**2.00**	**2.50**	**3.00**	**3.50**
0	0.3012	0.2466	0.2019	0.1653	0.1353	0.0821	0.0498	0.0302
1	0.6626	0.5918	0.5249	0.4628	0.4060	0.2873	0.1991	0.1359
2	0.8795	0.8335	0.7834	0.7306	0.6767	0.5438	0.4232	0.3208
3	0.9662	0.9463	0.9212	0.8913	0.8571	0.7576	0.6472	0.5366
4	0.9923	0.9857	0.9763	0.9636	0.9473	0.8912	0.8153	0.7254
5	0.9985	0.9968	0.9940	0.9896	0.9834	0.9580	0.9161	0.8576
6	0.9997	0.9994	0.9987	0.9974	0.9955	0.9858	0.9665	0.9347
7	1.0000	0.9999	0.9997	0.9994	0.9989	0.9958	0.9881	0.9733
8		1.0000	1.0000	0.9999	0.9998	0.9989	0.9962	0.9901
9				1.0000	1.0000	0.9997	0.9989	0.9967
10						0.9999	0.9997	0.9990
11						1.0000	0.9999	0.9997
12							1.0000	0.9999
13								1.0000

	λ							
k	**4.00**	**4.50**	**5.00**	**6.00**	**7.00**	**8.00**	**9.00**	**10.00**
0	0.0183	0.0111	0.0067	0.0025	0.0009	0.0003	0.0001	0.0000
1	0.0916	0.0611	0.0404	0.0174	0.0073	0.0030	0.0012	0.0005
2	0.2381	0.1736	0.1247	0.0620	0.0296	0.0138	0.0062	0.0028
3	0.4335	0.3423	0.2650	0.1512	0.0818	0.0424	0.0212	0.0103
4	0.6288	0.5321	0.4405	0.2851	0.1730	0.0996	0.0550	0.0293
5	0.7851	0.7029	0.6160	0.4457	0.3007	0.1912	0.1157	0.0671
6	0.8893	0.8311	0.7622	0.6063	0.4497	0.3134	0.2068	0.1301
7	0.9489	0.9134	0.8666	0.7440	0.5987	0.4530	0.3239	0.2202
8	0.9786	0.9597	0.9319	0.8472	0.7291	0.5925	0.4577	0.3328
9	0.9919	0.9829	0.9682	0.9161	0.8305	0.7166	0.5874	0.4579
10	0.9972	0.9933	0.9863	0.9574	0.9015	0.8159	0.7060	0.5830
11	0.9991	0.9976	0.9945	0.9799	0.9467	0.8881	0.8030	0.6968
12	0.9997	0.9992	0.9980	0.9912	0.9730	0.9362	0.8758	0.7916
13	0.9999	0.9997	0.9993	0.9964	0.9872	0.9658	0.9261	0.8645
14	1.0000	0.9999	0.9998	0.9986	0.9943	0.9827	0.9585	0.9165
15		1.0000	0.9999	0.9995	0.9976	0.9918	0.9780	0.9513
16			1.0000	0.9998	0.9990	0.9963	0.9889	0.9730
17				0.9999	0.9996	0.9984	0.9947	0.9857
18				1.0000	0.9999	0.9993	0.9976	0.9928
19						0.9997	0.9989	0.9965
20					1.0000	0.9999	0.9996	0.9984
21						1.0000	0.9998	0.9993
22							0.9999	0.9997
23							1.0000	0.9999
24								1.0000