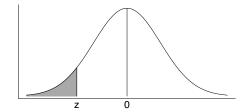
## **Binomial Probabilties**

								p						
n	$\boldsymbol{x}$	.01	.05	.1	.2	.3	.4	.5	.6	.7	.8	.9	.95	.99
5	0	.951	.774	.590	.328	.168	.078	.031	.010	.002	.000	.000	.000	.000
	1	.048	.204	.328	.410	.360	.259	.156	.077	.028	.006	.000	.000	.000
	2	.001	.021	.073	.205	.309	.346	.312	.230	.132	.051	.008	.001	.000
	3	.000	.001	.008	.051	.132	.230	.312	.346	.309	.205	.073	.021	.001
	4	.000	.000	.000	.006	.028	.077	.156	.259	.360	.410	.328	.204	.048
	5	.000	.000	.000	.000	.002	.010	.031	.078	.168	.328	.590	.774	.951

								p						
n	x	.01	.05	.1	.2	.3	.4	.5	.6	.7	.8	.9	.95	.99
10	0	.904	.599	.349	.107	.028	.006	.001	.000	.000	.000	.000	.000	.000
	1	.091	.315	.387	.268	.121	.040	.010	.002	.000	.000	.000	.000	.000
	2	.004	.075	.194	.302	.233	.121	.044	.011	.001	.000	.000	.000	.000
	3	.000	.010	.057	.201	.267	.215	.117	.042	.009	.001	.000	.000	.000
	4	.000	.001	.011	.088	.200	.251	.205	.111	.037	.006	.000	.000	.000
	5	.000	.000	.001	.026	.103	.201	.246	.201	.103	.026	.001	.000	.000
	6	.000	.000	.000	.006	.037	.111	.205	.251	.200	.088	.011	.001	.000
	7	.000	.000	.000	.001	.009	.042	.117	.215	.267	.201	.057	.010	.000
	8	.000	.000	.000	.000	.001	.011	.044	.121	.233	.302	.194	.075	.004
	9	.000	.000	.000	.000	.000	.002	.010	.040	.121	.268	.387	.315	.091
	10	.000	.000	.000	.000	.000	.000	.001	.006	.028	.107	.349	.599	.904

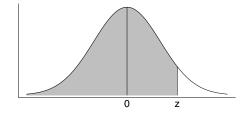
								p						
n	x	.01	.05	.1	.2	.3	.4	.5	.6	.7	.8	.9	.95	.99
15	0	.860	.463	.206	.035	.005	.000	.000	.000	.000	.000	.000	.000	.000
	1	.130	.366	.343	.132	.031	.005	.000	.000	.000	.000	.000	.000	.000
	2	.009	.135	.267	.231	.092	.022	.003	.000	.000	.000	.000	.000	.000
	3	.000	.031	.129	.250	.170	.063	.014	.002	.000	.000	.000	.000	.000
	4	.000	.005	.043	.188	.219	.127	.042	.007	.001	.000	.000	.000	.000
	5	.000	.001	.010	.103	.206	.186	.092	.024	.003	.000	.000	.000	.000
	6	.000	.000	.002	.043	.147	.207	.153	.061	.012	.001	.000	.000	.000
	7	.000	.000	.000	.014	.081	.177	.196	.118	.035	.003	.000	.000	.000
	8	.000	.000	.000	.003	.035	.118	.196	.177	.081	.014	.000	.000	.000
	9	.000	.000	.000	.001	.012	.061	.153	.207	.147	.043	.002	.000	.000
	10	.000	.000	.000	.000	.003	.024	.092	.186	.206	.103	.010	.001	.000
	11	.000	.000	.000	.000	.001	.007	.042	.127	.219	.188	.043	.005	.000
	12	.000	.000	.000	.000	.000	.002	.014	.063	.170	.250	.129	.031	.000
	13	.000	.000	.000	.000	.000	.000	.003	.022	.092	.231	.267	.135	.009
	14	.000	.000	.000	.000	.000	.000	.000	.005	.031	.132	.343	.366	.130
	15	.000	.000	.000	.000	.000	.000	.000	.000	.005	.035	.206	.463	.860

## Standard Normal Distribution Table (Negative $\boldsymbol{z})$



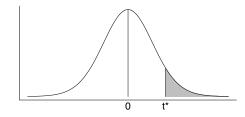
z	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
-3.4	.0003	.0003	.0003	.0003	.0003	.0003	.0003	.0003	.0003	.0002
-3.3	.0005	.0005	.0005	.0004	.0004	.0004	.0004	.0004	.0004	.0003
-3.2	.0007	.0007	.0006	.0006	.0006	.0006	.0006	.0005	.0005	.0005
-3.1	.0010	.0009	.0009	.0009	.0008	.0008	.0008	.0008	.0007	.0007
-3.0	.0013	.0013	.0013	.0012	.0012	.0011	.0011	.0011	.0010	.0010
-2.9	.0019	.0018	.0018	.0017	.0016	.0016	.0015	.0015	.0014	.0014
-2.8	.0026	.0025	.0024	.0023	.0023	.0022	.0021	.0021	.0020	.0019
-2.7	.0035	.0034	.0033	.0032	.0031	.0030	.0029	.0028	.0027	.0026
-2.6	.0047	.0045	.0044	.0043	.0041	.0040	.0039	.0038	.0037	.0036
-2.5	.0062	.0060	.0059	.0057	.0055	.0054	.0052	.0051	.0049	.0048
-2.4	.0082	.0080	.0078	.0075	.0073	.0071	.0069	.0068	.0066	.0064
-2.3	.0107	.0104	.0102	.0099	.0096	.0094	.0091	.0089	.0087	.0084
-2.2	.0139	.0136	.0132	.0129	.0125	.0122	.0119	.0116	.0113	.0110
-2.1	.0179	.0174	.0170	.0166	.0162	.0158	.0154	.0150	.0146	.0143
-2.0	.0228	.0222	.0217	.0212	.0207	.0202	.0197	.0192	.0188	.0183
-1.9	.0287	.0281	.0274	.0268	.0262	.0256	.0250	.0244	.0239	.0233
-1.8	.0359	.0351	.0344	.0336	.0329	.0322	.0314	.0307	.0301	.0294
-1.7	.0446	.0436	.0427	.0418	.0409	.0401	.0392	.0384	.0375	.0367
-1.6	.0548	.0537	.0526	.0516	.0505	.0495	.0485	.0475	.0465	.0455
-1.5	.0668	.0655	.0643	.0630	.0618	.0606	.0594	.0582	.0571	.0559
-1.4	.0808	.0793	.0778	.0764	.0749	.0735	.0721	.0708	.0694	.0681
-1.3	.0968	.0951	.0934	.0918	.0901	.0885	.0869	.0853	.0838	.0823
-1.2	.1151	.1131	.1112	.1093	.1075	.1056	.1038	.1020	.1003	.0985
-1.1	.1357	.1335	.1314	.1292	.1271	.1251	.1230	.1210	.1190	.1170
-1.0	.1587	.1562	.1539	.1515	.1492	.1469	.1446	.1423	.1401	.1379
9	.1841	.1814	.1788	.1762	.1736	.1711	.1685	.1660	.1635	.1611
8	.2119	.2090	.2061	.2033	.2005	.1977	.1949	.1922	.1894	.1867
7	.2420	.2389	.2358	.2327	.2296	.2266	.2236	.2206	.2177	.2148
6	.2743	.2709	.2676	.2643	.2611	.2578	.2546	.2514	.2483	.2451
5	.3085	.3050	.3015	.2981	.2946	.2912	.2877	.2843	.2810	.2776
4	.3446	.3409	.3372	.3336	.3300	.3264	.3228	.3192	.3156	.3121
3	.3821	.3783	.3745	.3707	.3669	.3632	.3594	.3557	.3520	.3483
2	.4207	.4168	.4129	.4090	.4052	.4013	.3974	.3936	.3897	.3859
1	.4602	.4562	.4522	.4483	.4443	.4404	.4364	.4325	.4286	.4247
.0	.5000	.4960	.4920	.4880	.4840	.4801	.4761	.4721	.4681	.4641

## Standard Normal Distribution Table (Positive z)



z	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
.0	.5000	.5040	.5080	.5120	.5160	.5199	.5239	.5279	.5319	.5359
.1	.5398	.5438	.5478	.5517	.5557	.5596	.5636	.5675	.5714	.5753
.2	.5793	.5832	.5871	.5910	.5948	.5987	.6026	.6064	.6103	.6141
.3	.6179	.6217	.6255	.6293	.6331	.6368	.6406	.6443	.6480	.6517
.4	.6554	.6591	.6628	.6664	.6700	.6736	.6772	.6808	.6844	.6879
.5	.6915	.6950	.6985	.7019	.7054	.7088	.7123	.7157	.7190	.7224
.6	.7257	.7291	.7324	.7357	.7389	.7422	.7454	.7486	.7517	.7549
.7	.7580	.7611	.7642	.7673	.7704	.7734	.7764	.7794	.7823	.7852
.8	.7881	.7910	.7939	.7967	.7995	.8023	.8051	.8078	.8106	.8133
.9	.8159	.8186	.8212	.8238	.8264	.8289	.8315	.8340	.8365	.8389
1.0	.8413	.8438	.8461	.8485	.8508	.8531	.8554	.8577	.8599	.8621
1.1	.8643	.8665	.8686	.8708	.8729	.8749	.8770	.8790	.8810	.8830
1.2	.8849	.8869	.8888	.8907	.8925	.8944	.8962	.8980	.8997	.9015
1.3	.9032	.9049	.9066	.9082	.9099	.9115	.9131	.9147	.9162	.9177
1.4	.9192	.9207	.9222	.9236	.9251	.9265	.9279	.9292	.9306	.9319
1.5	.9332	.9345	.9357	.9370	.9382	.9394	.9406	.9418	.9429	.9441
1.6	.9452	.9463	.9474	.9484	.9495	.9505	.9515	.9525	.9535	.9545
1.7	.9554	.9564	.9573	.9582	.9591	.9599	.9608	.9616	.9625	.9633
1.8	.9641	.9649	.9656	.9664	.9671	.9678	.9686	.9693	.9699	.9706
1.9	.9713	.9719	.9726	.9732	.9738	.9744	.9750	.9756	.9761	.9767
2.0	.9772	.9778	.9783	.9788	.9793	.9798	.9803	.9808	.9812	.9817
2.1	.9821	.9826	.9830	.9834	.9838	.9842	.9846	.9850	.9854	.9857
2.2	.9861	.9864	.9868	.9871	.9875	.9878	.9881	.9884	.9887	.9890
2.3	.9893	.9896	.9898	.9901	.9904	.9906	.9909	.9911	.9913	.9916
2.4	.9918	.9920	.9922	.9925	.9927	.9929	.9931	.9932	.9934	.9936
2.5	.9938	.9940	.9941	.9943	.9945	.9946	.9948	.9949	.9951	.9952
2.6	.9953	.9955	.9956	.9957	.9959	.9960	.9961	.9962	.9963	.9964
2.7	.9965	.9966	.9967	.9968	.9969	.9970	.9971	.9972	.9973	.9974
2.8	.9974	.9975	.9976	.9977	.9977	.9978	.9979	.9979	.9980	.9981
2.9	.9981	.9982	.9982	.9983	.9984	.9984	.9985	.9985	.9986	.9986
3.0	.9987	.9987	.9987	.9988	.9988	.9989	.9989	.9989	.9990	.9990
3.1	.9990	.9991	.9991	.9991	.9992	.9992	.9992	.9992	.9993	.9993
3.2	.9993	.9993	.9994	.9994	.9994	.9994	.9994	.9995	.9995	.9995
3.3	.9995	.9995	.9995	.9996	.9996	.9996	.9996	.9996	.9996	.9997
3.4	.9997	.9997	.9997	.9997	.9997	.9997	.9997	.9997	.9997	.9998

## t-Distribution Table



	Confidence Level											
	80%	90%	95%	98%	99%	99.8%						
		]	Right-Tai	l Probab	ility							
df	0.100	0.050	0.025	0.010	0.005	0.001						
1	3.078	6.314	12.706	31.821	63.657	318.309						
2	1.886	2.920	4.303	6.965	9.925	22.327						
3	1.638	2.353	3.182	4.541	5.841	10.215						
4	1.533	2.132	2.776	3.747	4.604	7.173						
5	1.476	2.015	2.571	3.365	4.032	5.893						
6	1.440	1.943	2.447	3.143	3.707	5.208						
7	1.415	1.895	2.365	2.998	3.499	4.785						
8	1.397	1.860	2.306	2.896	3.355	4.501						
9	1.383	1.833	2.262	2.821	3.250	4.297						
10	1.372	1.812	2.228	2.764	3.169	4.144						
11	1.363	1.796	2.201	2.718	3.106	4.025						
12	1.356	1.782	2.179	2.681	3.055	3.930						
13	1.350	1.771	2.160	2.650	3.012	3.852						
14	1.345	1.761	2.145	2.624	2.977	3.787						
15	1.341	1.753	2.131	2.602	2.947	3.733						
16	1.337	1.746	2.120	2.583	2.921	3.686						
17	1.333	1.740	2.110	2.567	2.898	3.646						
18	1.330	1.734	2.101	2.552	2.878	3.610						
19	1.328	1.729	2.093	2.539	2.861	3.579						
20	1.325	1.725	2.086	2.528	2.845	3.552						
21	1.323	1.721	2.080	2.518	2.831	3.527						
22	1.321	1.717	2.074	2.508	2.819	3.505						
23	1.319	1.714	2.069	2.500	2.807	3.485						
24	1.318	1.711	2.064	2.492	2.797	3.467						
25	1.316	1.708	2.060	2.485	2.787	3.450						
26	1.315	1.706	2.056	2.479	2.779	3.435						
27	1.314	1.703	2.052	2.473	2.771	3.421						
28	1.313	1.701	2.048	2.467	2.763	3.408						
29	1.311	1.699	2.045	2.462	2.756	3.396						
30	1.310	1.697	2.042	2.457	2.750	3.385						
40	1.303	1.684	2.021	2.423	2.704	3.307						
50	1.299	1.676	2.009	2.403	2.678	3.261						
60	1.296	1.671	2.000	2.390	2.660	3.232						
80	1.292	1.664	1.990	2.374	2.639	3.195						
100	1.290	1.660	1.984	2.364	2.626	3.174						
$\infty$	1.282	1.645	1.960	2.326	2.576	3.090						