

ตารางสถิติ

1. ตาราง Random digits.
2. ตาราง Squares and Square Roots.
3. ตาราง Individual Terms of the Binomtal Distribution
4. ตาราง Cumulative Binomial Probabilities
5. ตาราง Areas Under the Normal Curve
6. ตาราง t Distribution
7. ตาราง X^2 distributions.

RANDOM DIGITS

Table 1. Ten Thousand Random Digits

	00-04	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	Ten Thousand Random Digits										50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99	
00	087548	666005	338441	436273	627274	235117	095660	418880	851206	607255											708296	445020	647250	400208	760800	761440	424660	831125	776005	508770	598770
01	356611	428332	102440	774110	260686	266156	590866	862841	131352	491812											568059	429009	238513	476250	294885	761440	758441	001215	423900	421900	248477
02	263335	037771	461115	881133	407211	067811	939862	608441	912088	863886											610759	447775	075115	499449	614817	918136	141586	001215	211022	248477	248477
03	030826	747118	565277	295138	919575	136955	232115	723215	912088	863886											362653	382653	140033	523266	441475	763600	012447	578015	193211	153455	153455
04	950444	995996	137553	317164	939710	609887	146992	710379	341855	212977											987357	151200	917354	126577	746775	763600	012447	492119	476333	555144	555144
05	837466	476044	601133	427411	383338	976944	693300	991864	196411	150303											140075	830967	272068	779771	311689	165984	213336	723311	661599	392908	392908
06	279908	425462	634022	100596	816688	487444	684000	831214	192086	188025											044110	450611	786662	109111	278555	094159	564359	006455	701223	045388	045388
07	829605	321023	746225	145310	459277	280177	802880	147566	549937	763739											736588	385969	244759	102022	131500	959466	550817	381978	367178	955661	955661
08	183086	138622	109888	041977	187770	727277	714118	811333	695013	440377											767403	191442	272068	351489	348889	230003	141811	448113	178441	410366	410366
09	217117	131441	227077	681055	369440	191877	084211	238772	039566	346208											900005	521442	634022	644388	096110	121154	984222	653229	762996	019355	019355
10	184446	830522	318442	086334	110877	860770	084664	205665	743390	365411											436374	471023	486114	704023	782552	824003	914244	002336	511880	277557	277557
11	660277	751777	473988	664223	701680	162332	673443	562005	500366	394111											460597	680774	335667	984613	966771	056734	815333	475296	172288	444555	444555
12	514220	907779	543009	874566	789677	796338	688669	490622	021966	551009											918374	702088	083066	407719	022772	695469	799066	075114	441050	351000	351000
13	220445	606255	731599	911449	962099	442044	922777	299669	403115	118044											728544	194770	530114	293775	622566	774688	743888	536244	894607	198166	198166
14	130944	177225	141033	000667	688443	635665	935378	247566	108114	151885											655926	341177	535444	081555	389559	340069	903513	059266	353084	423228	423228
15	923882	625318	177522	531663	630552	448440	025992	885772	031077	901669											400005	352466	494440	402995	443590	830443	260990	802103	029334	492660	492660
16	162115	508009	435266	772332	901355	699553	930992	704445	079666	570022											468886	298990	148211	697883	347333	118033	164845	326265	113227	387002	387002
17	093442	145288	647277	714033	441566	340883	356113	356777	101449	074688											615118	393663	445222	627883	391477	723110	414660	310522	461814	942977	942977
18	381448	790011	055009	794224	396225	733115	188111	862300	996882	828996											170448	222811	355773	289444	968009	152388	405661	378999	361330	310778	310778
19	236889	199907	723882	152447	802005	500990	438004	945448	806933	227999											755994	532466	421511	939228	173443	883222	286883	112332	103555	631555	631555
20	254077	372776	739999	510557	640773	257568	725991	725644	933088	701288											878444	629447	622220	305000	928166	852332	272222	917011	110357	812357	812357
21	253469	494566	106993	855688	938776	186611	650818	103332	831337	882577											078111	711663	822217	206553	214999	514966	407715	289522	350299	642077	642077
22	023222	714911	560955	039555	377886	187116	817811	323445	860881	184336											477444	046603	445222	627883	391477	723110	414660	310522	461814	942977	942977
23	130772	320611	992779	433607	392399	797112	947553	414500	809441	539112											435776	881166	881166	674166	349088	152388	405661	378999	361330	310778	310778
24	274002	310336	852778	745447	848999	562552	095773	094771	156066	772099											675566	959779	733663	003300	112177	744005	189337	790999	668334	483077	483077
25	661811	833116	403886	845116	295005	860773	345633	932044	725773	907660											862811	730441	948009	735966	494008	533116	908411	736018	534211	823115	823115
26	091779	018222	455377	131288	827003	755550	251779	861014	406388	246555											180700	868022	835669	765000	112611	243554	209668	607770	121441	090388	090388
27	107011	077066	874811	261077	248557	278002	427110	634771	688004	234555											425778	324771	378440	308772	750774	790277	578113	628333	547115	266933	266933
28	746333	527677	313112	784111	673889	046011	396887	135966	687300	868500											472590	159977	881663	105711	819111	921244	925771	808660	410122	309666	309666
29	174033	240588	837011	281270	635611	000996	607884	765088	842177	349977											218356	639111	132211	770228	063773	330667	397732	472800	129528	672776	672776
30	456011	409777	393225	092886	411333	340311	948677	118449	751771	576822											163352	248336	687999	762011	854402	447009	789330	825669	844688	369110	369110
31	606603	131112	699995	642005	180770	634337	136244	908996	809443	719877											890660	798332	978044	283244	396388	869366	867022	743011	398773	194966	194966
32	299566	811669	188777	152966	943688	163177	342339	036443	660881	122442											076377	394122	040211	316711	096600	073555	204666	497913	405999	210777	210777
33	917115	842335	752966	688775	824114	031977	165996	130833	462778	734988											372111	477886	374688	319633	169008	502883	808884	082522	795555	589266	589266
34	857004	865888	828337	678222	959663	830011	997732	326611	647551	839903											825994	532332	582022	733118	624771	496500	138888	733770	981768	691881	691881
35	179211	761111	333773	864994	482666	018888	637335	033113	793228	133677											317222	672000	121110	047776	151668	680022	923447	907889	669611	041622	041622
36	190299	713441	804888	898227	482777	072279	719553	161288	650744	287882											938179	780350	193664	580337	257008	968779	032115	007660	144266	882077	882077
37	032448	188880	216677	013111	610966	802011	478889	830522	310299	060223											076377	394122	040211	316711	096600	073555	204666	497913	405999	210777	210777
38	917115	842335	752966	688775	824114	031977	165996	130833	462778	734988											372111	477886	374688	319633	169008	502883	808884	082522	795555	589266	589266
39	857004	865888	828337	678222	959663	830011	997732	326611	647551	839903											825994	532332	582022	733118	624771	496500	138888	733770	981768	691881	691881
40	438996	412778	422005	104255	665600	599677	901339	735633	298775	790333											044118	515723	592566	024326	350100	961666	018677	787177	746669	213155	213155
41	767114	696963	749077	168990	154977	214899	060627	222807	197660	130566											938179	780350	193664	580337	257008	968779	032115	007660	144266	882077	882077
42	223933	467139	020833	624828	431777	575822	492643	317448	643708	052311											193117	277533	359131	269566	044603	696999	613374	083177	422223	620229	620229
43	709442	920942	227776	477611	135093	160377	398753	807374	474911	960122											821990	030677	295660	604113	597433	750000	123441	796377	254166	254166	
44	920111	603265	863466	267388	015983	041966	413008	039448	763354	149644											972994	219911	703003	181911	024044	260548	921004	320225	310888	236883	236883
45	664566	001268	456048	076077	707966	048889	981288	135999	937710	230744											867771	695044	137445	425444	596166	018677	787177	820440	746669	213155	213155
46	964566	443448	206000	022277	765122	531885	030577	613715	107660	268089											260466	555500	123000	951066	564966	766822	448800	894457	842009	013332	013332
47	196880	071466	539611	189335	033488	762333	137066	205002	604055	097445											396889	036999	922900	790244	702071	933532	990272	944493	218442	544777	544777
48	673447	245366	601531	039488	049488	466778	875669	625066	177900	554113											812653	885773	014337	437866							

Ten Thousand Random Digits

	00-04	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99
50	34441	64681	95190	00995	62130	44484	46595	60717	50239	76319	56649	85086	16502	97541	76611	94229	34787	86718	87208	05426
51	08573	52957	84274	95106	89117	63849	41536	65349	70787	50442	97306	52449	55596	66779	96529	97363	29469	31235	79276	10831
52	81067	68052	14270	19718	63303	13535	91882	91882	51177	50828	09342	79544	78160	11015	55777	72047	57615	15717	96239	36578
53	39737	58891	73278	98046	32284	40164	72442	77042	72900	14886	83842	28631	74893	42911	92170	38181	39416	54860	44120	70031
54	34958	76090	08027	61623	31114	86952	83645	91786	29633	78294	23778	30395	20163	76111	13712	33449	99224	18206	51418	70006
55	61417	72424	92626	71952	69709	81259	58472	43409	84454	88648	88381	56550	47467	58653	61117	89716	32927	06168	06217	45477
56	99182	14149	32268	85424	93378	54682	47606	89259	04420	88648	31044	21464	12968	21357	30772	81482	38807	67231	04383	63532
57	13130	12064	36485	55319	05770	76317	70553	50873	68793	50828	09099	67037	91308	81106	11740	50193	86806	21931	18054	49601
58	65563	11831	82402	46829	91446	72037	17205	89600	50804	53718	09099	37028	41732	37425	80832	03200	20590	32653	90145	80929
59	38177	49502	06060	52100	45704	50839	22536	36768	83467	19313	26059	78324	22501	73825	16927	31545	15695	74216	96372	28547
60	50353	74022	59767	49927	45882	74099	18728	57510	58560	07050	38573	98078	39882	33078	93524	45606	53463	20591	01637	37569
61	63308	96466	29917	22862	69972	55178	32911	08172	06277	62795	70824	00063	81455	16924	12648	25801	55481	78578	26795	10553
62	21323	38148	26586	81741	25131	20087	67432	19670	35898	49806	49806	23976	03440	29804	38588	23024	70951	02741	63219	73864
63	67875	29851	59330	46570	69768	36571	01031	95995	68417	68665	05461	67323	48316	14613	08541	35231	38312	14909	67279	50502
64	82631	26560	86354	31881	70512	37899	98851	40568	54284	74056	76582	62135	53901	51219	30424	32599	49099	82959	69408	20147
65	91989	39833	59039	12526	37730	68848	71599	28513	69018	10289	16660	80470	75062	75588	24584	27874	20818	11428	32263	07092
66	12950	31418	95425	69736	34036	50097	97241	92490	49745	49461	60166	43424	97470	88451	81270	80070	72909	26209	39979	31127
67	00308	27427	95474	97217	05034	36676	49829	13594	50525	13485	28953	08272	31460	41691	57736	72032	22762	96323	27616	53123
68	63986	16598	82804	04534	39919	32381	67488	05223	89537	59490	47536	86439	95210	96386	38704	15484	07426	70673	66888	81203
69	53775	75005	37512	20977	35722	51951	89565	77579	95085	06467	73457	26637	36283	72410	30244	97711	25632	09373	66218	64077
70	24761	56877	56357	78809	40746	69727	56632	12462	40528	75289	11190	66195	66287	09116	48140	37689	02932	50799	17255	06181
71	43803	80326	26795	28319	25376	51795	51795	31102	88653	57062	70864	70864	44455	97470	88451	14036	36698	49773	31150	96127
72	66669	02867	02867	33613	54206	20013	75872	88678	17592	60640	99624	67254	67202	16991	97687	54099	94884	42283	63258	50551
73	49944	66725	19779	50418	42800	71733	82052	38504	13289	51789	97321	83669	82968	16135	30133	51312	17031	75016	80278	68953
74	71003	87598	61296	95019	21568	66134	68026	65403	47166	78638	49273	04838	13681	64757	17461	78085	60094	27810	80945	68439
75	52715	04593	69484	95411	38046	13000	04299	60830	03914	73537	57260	06176	49583	29760	69546	61336	39429	41965	18572	98128
76	21988	98963	11573	49442	69467	40265	56066	36024	25705	02451	07098	47098	63495	71227	79304	29723	99131	18419	71791	81515
77	58970	56827	18377	31564	23555	86338	79250	43168	96029	97732	62331	20492	15993	84270	24596	57962	21632	92965	38670	44923
78	67592	39149	42554	42719	13553	48560	81167	10747	92552	19867	32290	51079	06512	38806	93327	80086	19088	59887	96416	24918
79	18298	18429	09357	96436	11237	88039	81020	09438	75731	37779	28014	80428	02853	31333	32648	16734	43418	90124	15086	46444
80	88420	28841	43528	84647	59024	53032	31231	72017	43875	48320	18550	16091	29543	63417	07002	73115	94115	20271	50250	25061
81	07827	88474	23381	29680	14027	75905	27037	22113	77875	78711	17405	69503	01866	13049	07263	13029	82944	80143	39048	62654
82	37917	30581	04979	21041	95252	72450	05937	81670	44894	47282	27899	50489	66613	21843	71746	62968	10208	46781	59402	12523
83	14783	95119	68464	08726	74818	91700	02961	23554	74649	50540	87076	53174	12165	84493	47947	60705	64034	31635	63169	99070
84	05378	30548	64562	15303	13168	23189	88198	63617	58566	56047	89044	45074	14524	46906	26052	51851	84197	61694	57429	63395
85	19640	96709	22047	07825	40583	99500	39989	98393	32234	37138	98048	64400	24705	73711	36232	57824	41434	77366	52790	84705
86	20514	11081	51131	56469	33947	77703	35679	45774	06776	67062	09743	17954	49770	80311	32319	48238	16932	92088	31222	82865
87	96763	56249	81243	62416	84451	14696	38195	70435	45948	67690	07086	77628	76195	42364	62411	40287	71857	54825	26356	36792
88	49439	61075	31358	59740	32759	53325	93226	01385	20158	54054	87076	53174	11506	46872	11506	06831	87944	97914	43760	54503
89	16254	50548	71317	37168	86071	47314	65395	56367	46910	51269	80137	70964	25947	27795	25547	37682	96105	26848	09389	64326
90	31381	94301	79273	32843	05862	36211	99580	08671	67831	23953	32798	38034	13814	98546	46365	84108	74605	94812	73968	68746
91	98032	87203	03227	60021	99666	98368	36222	36256	81992	30121	42496	75371	30378	30378	47781	55260	63464	63942	91761	33277
92	40703	31826	94714	11366	81391	33602	69628	36419	33204	26823	82707	31823	40987	97836	88714	32177	23778	07482	91678	40128
93	68862	68849	23566	77540	14978	69508	10824	65416	23629	83029	05300	28657	46872	19524	94933	61924	31728	79889	23507	93507
94	19047	10784	19607	20226	31894	72984	00040	50553	33280	58909	79476	31445	59498	85132	25482	26044	24002	63718	79164	43556
95	80867	69266	50735	62830	00956	61300	88913	30049	82321	62567	18833	29594	97568	91541	33139	84525	72271	02546	64818	14581
96	26528	28828	55000	80943	04004	86662	90025	50025	14360	64687	30234	06495	00886	40666	06574	49524	19705	16429	90881	48108
97	51166	06637	49962	30774	81707	14548	23444	47356	52482	62207	69050	22019	74566	14586	14586	06425	34591	82853	43191	85853
98	97345	15440	15368	53182	85136	98859	33712	91132	50973	98658	27908	78802	63446	07674	98871	63831	77449	42703	26513	15883
99	54998	88830	95639	45104	78676	28270	82576	57381	34438	24545	64520	16818	47409	19574	78136	40047	01277	79146	92758	36781

Source: Prepared by Fred Greenberger, Numerical Analysis Laboratory, University of Wisconsin, Madison, Wis., 1952.

Table 2 Squares and Square Roots

n	n^2	$\sqrt{n}$	$\sqrt{10n}$	n	n^2	$\sqrt{n}$	$\sqrt{10n}$
1.0	1.00	1.000	3.162	5.5	30.25	2.345	7.416
1.1	1.21	1.049	3.317	5.6	31.36	2.366	7.483
1.2	1.44	1.095	3.464	5.7	32.49	2.387	7.550
1.3	1.69	1.140	3.606	5.8	33.64	2.408	7.616
1.4	1.96	1.183	3.742	5.9	34.81	2.429	7.681
1.5	2.25	1.225	3.873	6.0	36.00	2.449	7.746
1.6	2.56	1.265	4.000	6.1	37.21	2.470	7.810
1.7	2.89	1.304	4.123	6.2	38.44	2.490	7.874
1.8	3.24	1.342	4.243	6.3	39.69	2.510	7.937
1.9	3.61	1.378	4.359	6.4	40.96	2.530	8.000
2.0	4.00	1.414	4.472	6.5	42.25	2.550	8.062
2.1	4.41	1.449	4.583	6.6	43.56	2.569	8.124
2.2	4.84	1.483	4.690	6.7	44.89	2.588	8.185
2.3	5.29	1.517	4.796	6.8	46.24	2.608	8.246
2.4	5.76	1.549	4.899	6.9	47.61	2.627	8.307
2.5	6.25	1.581	5.000	7.0	49.00	2.646	8.367
2.6	6.76	1.612	5.099	7.1	50.41	2.665	8.426
2.7	7.29	1.643	5.196	7.2	51.84	2.683	8.485
2.8	7.84	1.673	5.292	7.3	53.29	2.702	8.544
2.9	8.41	1.703	5.385	7.4	54.76	2.720	8.602
3.0	9.00	1.732	5.477	7.5	56.25	2.739	8.660
3.1	9.61	1.761	5.568	7.6	57.76	2.757	8.718
3.2	10.24	1.789	5.657	7.7	59.29	2.775	8.775
3.3	10.89	1.817	5.745	7.8	60.84	2.793	8.832
3.4	11.56	1.844	5.831	7.9	62.41	2.811	8.888
3.5	12.25	1.871	5.916	8.0	64.00	2.828	8.944
3.6	12.96	1.897	6.000	8.1	65.61	2.846	9.000
3.7	13.69	1.924	6.083	8.2	67.24	2.864	9.055
3.8	14.44	1.949	6.164	8.3	68.89	2.881	9.110
3.9	15.21	1.975	6.245	8.4	70.56	2.898	9.165
4.0	16.00	2.000	6.325	8.5	72.25	2.915	9.220
4.1	16.81	2.025	6.403	8.6	73.96	2.933	9.274
4.2	17.64	2.049	6.481	8.7	75.69	2.950	9.327
4.3	18.49	2.074	6.557	8.8	77.44	2.966	9.381
4.4	19.36	2.098	6.633	8.9	79.21	2.983	9.434
4.5	20.25	2.121	6.708	9.0	81.00	3.000	9.487
4.6	21.16	2.145	6.782	9.1	82.81	3.017	9.539
4.7	22.09	2.168	6.856	9.2	84.64	3.033	9.592
4.8	23.04	2.191	6.928	9.3	86.49	3.050	9.644
4.9	24.01	2.214	7.000	9.4	88.36	3.066	9.695
5.0	25.00	2.236	7.071	9.5	90.25	3.082	9.747
5.1	26.01	2.258	7.141	9.6	92.16	3.098	9.798
5.2	27.04	2.280	7.211	9.7	94.09	3.114	9.849
5.3	28.09	2.302	7.280	9.8	96.04	3.130	9.899
5.4	29.16	2.324	7.348	9.9	98.01	3.146	9.950

Table 3 Individual Terms of the Binomial Distribution

n	x	p																		
		.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95
1	0	.9500	.9000	.8500	.8000	.7500	.7000	.6500	.6000	.5500	.5000	.4500	.4000	.3500	.3000	.2500	.2000	.1500	.1000	.0500
	1	.0500	.1000	.1500	.2000	.2500	.3000	.3500	.4000	.4500	.5000	.5500	.6000	.6500	.7000	.7500	.8000	.8500	.9000	.9500
2	0	.9025	.8100	.7225	.6400	.5625	.4900	.4225	.3600	.3025	.2500	.2025	.1600	.1225	.0900	.0625	.0400	.0225	.0100	.0025
	1	.0950	.1800	.2550	.3200	.3750	.4200	.4550	.4800	.4950	.5000	.4950	.4800	.4550	.4200	.3750	.3200	.2550	.1800	.0950
3	0	.0025	.0100	.0225	.0400	.0625	.0900	.1225	.1600	.2025	.2500	.3025	.3600	.4225	.4900	.5625	.6400	.7225	.8100	.9025
	1	.0574	.1290	.2141	.3040	.3949	.4799	.5540	.6141	.6641	.7040	.7340	.7540	.7641	.7641	.7540	.7340	.7040	.6641	.6141
4	0	.8145	.6561	.5220	.4096	.3164	.2401	.1785	.1296	.0915	.0625	.0410	.0256	.0150	.0081	.0039	.0016	.0005	.0001	.0000
	1	.1715	.2916	.3685	.4096	.4219	.4116	.3845	.3456	.2995	.2500	.2005	.1536	.1115	.0756	.0469	.0256	.0115	.0036	.0005
5	0	.0135	.0486	.0975	.1536	.2109	.2646	.3105	.3456	.3675	.3750	.3675	.3456	.3105	.2646	.2109	.1536	.0975	.0486	.0135
	1	.0005	.0036	.0115	.0256	.0469	.0756	.1115	.1536	.2005	.2500	.2995	.3456	.3845	.4116	.4219	.4096	.3685	.2916	.1715
6	0	.0000	.0001	.0005	.0016	.0039	.0081	.0150	.0256	.0410	.0625	.0915	.1296	.1785	.2401	.3164	.4096	.5220	.6561	.8145
	1	.7738	.5905	.4437	.3277	.2373	.1681	.1160	.0778	.0503	.0313	.0185	.0102	.0053	.0024	.0010	.0003	.0001	.0000	.0000
7	0	.2036	.3281	.3915	.4096	.3955	.3602	.3124	.2592	.2059	.1563	.1128	.0768	.0488	.0284	.0146	.0064	.0022	.0004	.0000
	1	.0214	.0729	.1382	.2048	.2637	.3087	.3364	.3456	.3369	.3125	.2757	.2304	.1811	.1323	.0879	.0512	.0244	.0081	.0011
8	0	.0011	.0081	.0244	.0512	.0879	.1323	.1811	.2304	.2757	.3125	.3369	.3456	.3364	.3087	.2637	.2048	.1382	.0729	.0214
	1	.0000	.0004	.0022	.0064	.0146	.0283	.0488	.0768	.1128	.1562	.2059	.2592	.3124	.3601	.4096	.4590	.5084	.5578	.6072
9	0	.0000	.0000	.0001	.0003	.0010	.0024	.0053	.0102	.0185	.0312	.0503	.0778	.1160	.1681	.2373	.3277	.4437	.5905	.7738
	1	.7351	.5314	.3771	.2621	.1780	.1176	.0754	.0467	.0277	.0156	.0083	.0041	.0018	.0007	.0002	.0001	.0000	.0000	.0000
10	0	.2321	.3543	.3993	.3932	.3560	.3025	.2437	.1866	.1359	.0938	.0609	.0369	.0205	.0102	.0044	.0015	.0004	.0001	.0000
	1	.0305	.0984	.1762	.2458	.2966	.3241	.3280	.3110	.2780	.2344	.1861	.1382	.0951	.0595	.0330	.0154	.0055	.0012	.0001
11	0	.0021	.0146	.0415	.0819	.1318	.1852	.2355	.2765	.3032	.3125	.3032	.2765	.2355	.1852	.1318	.0819	.0415	.0146	.0021
	1	.0001	.0012	.0055	.0154	.0330	.0595	.0951	.1382	.1861	.2344	.2780	.3110	.3280	.3241	.2966	.2458	.1762	.0984	.0305
12	0	.0000	.0001	.0004	.0015	.0044	.0102	.0205	.0369	.0609	.0937	.1359	.1866	.2437	.3025	.3602	.4219	.4884	.5578	.6272
	1	.0000	.0000	.0000	.0001	.0002	.0007	.0018	.0041	.0083	.0156	.0277	.0467	.0754	.1176	.1780	.2621	.3771	.5314	.7351

C371

Table 3 (Continued)

x	p																		
	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95
11	0	.5688	.3138	.1673	.0859	.0422	.0198	.0088	.0036	.0014	.0005	.0002	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.3293	.3835	.3248	.2362	.1549	.0932	.0518	.0266	.0125	.0054	.0021	.0007	.0002	.0000	.0000	.0000	.0000	.0000
	2	.0867	.2131	.2866	.2953	.2581	.1998	.1395	.0887	.0513	.0269	.0126	.0052	.0018	.0005	.0001	.0000	.0000	.0000
	3	.0137	.0710	.1517	.2215	.2581	.2568	.2254	.1774	.1259	.0806	.0462	.0234	.0102	.0037	.0011	.0002	.0000	.0000
	4	.0014	.0158	.0536	.1107	.1721	.2201	.2428	.2365	.2060	.1611	.1128	.0701	.0379	.0173	.0064	.0017	.0003	.0000
	5	.0001	.0025	.0132	.0388	.0803	.1321	.1830	.2207	.2360	.2256	.1931	.1471	.0985	.0566	.0268	.0097	.0023	.0003
	6	.0000	.0003	.0023	.0097	.0268	.0566	.0985	.1471	.1931	.2256	.2360	.2207	.1830	.1321	.0803	.0388	.0132	.0025
	7	.0000	.0000	.0003	.0017	.0064	.0173	.0379	.0701	.1128	.1611	.2060	.2365	.2428	.2201	.1721	.1107	.0536	.0158
	8	.0000	.0000	.0000	.0002	.0011	.0037	.0102	.0234	.0462	.0806	.1259	.1774	.2254	.2568	.2581	.2215	.1517	.0710
	9	.0000	.0000	.0000	.0000	.0001	.0005	.0018	.0052	.0126	.0269	.0513	.0887	.1395	.1998	.2581	.2953	.2866	.2131
	10	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0007	.0021	.0054	.0125	.0266	.0518	.0932	.1549	.2362	.3248	.3835
	11	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0005	.0014	.0036	.0088	.0198	.0422	.0859	.1673	.3138
12	0	.5404	.2824	.1422	.0687	.0317	.0138	.0057	.0022	.0008	.0002	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.3413	.3766	.3012	.2062	.1267	.0712	.0368	.0174	.0075	.0029	.0010	.0003	.0001	.0000	.0000	.0000	.0000	.0000
	2	.0988	.2301	.2924	.2835	.2323	.1678	.1088	.0639	.0339	.0161	.0068	.0025	.0008	.0002	.0000	.0000	.0000	.0000
	3	.0173	.0852	.1720	.2362	.2581	.2397	.1954	.1419	.0923	.0537	.0277	.0125	.0048	.0015	.0004	.0001	.0000	.0000
	4	.0021	.0213	.0683	.1329	.1936	.2311	.2367	.2128	.1700	.1208	.0762	.0420	.0199	.0078	.0024	.0005	.0001	.0000
	5	.0002	.0038	.0193	.0532	.1032	.1585	.2039	.2270	.2225	.1934	.1489	.1009	.0591	.0291	.0115	.0033	.0006	.0000
	6	.0000	.0005	.0040	.0155	.0401	.0792	.1281	.1766	.2124	.2256	.2124	.1766	.1281	.0792	.0401	.0155	.0040	.0005
	7	.0000	.0000	.0006	.0033	.0115	.0291	.0591	.1009	.1489	.1934	.2225	.2270	.2039	.1585	.1032	.0532	.0193	.0038
	8	.0000	.0000	.0001	.0005	.0024	.0078	.0199	.0420	.0762	.1208	.1700	.2128	.2367	.2311	.1936	.1329	.0683	.0213
	9	.0000	.0000	.0000	.0001	.0004	.0015	.0048	.0125	.0277	.0537	.0923	.1419	.1954	.2397	.2581	.2362	.1720	.0852
	10	.0000	.0000	.0000	.0000	.0000	.0002	.0008	.0025	.0068	.0161	.0339	.0639	.1088	.1678	.2323	.2835	.2924	.2301
	11	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0010	.0029	.0075	.0174	.0368	.0712	.1267	.2062	.3012	.3766
	12	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0002	.0008	.0022	.0057	.0138	.0317	.0687	.1422	.2824

Table 4 Cumulative Binomial Probabilities

n	x	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95
1	0	.9500	.9000	.8500	.8000	.7500	.7000	.6500	.6000	.5500	.5000	.4500	.4000	.3500	.3000	.2500	.2000	.1500	.1000	.0500
	1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
2	0	.9025	.8100	.7225	.6400	.5625	.4900	.4225	.3600	.3025	.2500	.2025	.1600	.1225	.0900	.0625	.0400	.0225	.0100	.0025
	1	.9975	.9900	.9775	.9600	.9375	.9100	.8775	.8400	.7975	.7500	.6975	.6400	.5775	.5100	.4375	.3600	.2775	.1900	.0975
3	0	.8574	.7290	.6141	.5120	.4219	.3430	.2746	.2160	.1664	.1250	.0911	.0640	.0429	.0270	.0156	.0080	.0034	.0010	.0001
	1	.9928	.9720	.9393	.8960	.8438	.7840	.7183	.6480	.5748	.5000	.4253	.3520	.2818	.2160	.1563	.1040	.0608	.0280	.0073
4	0	.8145	.6561	.5220	.4096	.3164	.2401	.1785	.1296	.0915	.0625	.0410	.0256	.0150	.0081	.0039	.0016	.0005	.0001	.0000
	1	.9840	.9477	.8905	.8192	.7383	.6517	.5630	.4752	.3910	.3125	.2415	.1792	.1265	.0837	.0508	.0272	.0120	.0037	.0005
5	0	.7738	.5905	.4437	.3277	.2373	.1681	.1160	.0778	.0503	.0313	.0185	.0102	.0053	.0024	.0010	.0003	.0001	.0000	.0000
	1	.9974	.9185	.8352	.7373	.6328	.5282	.4284	.3370	.2562	.1875	.1312	.0870	.0540	.0308	.0156	.0067	.0022	.0005	.0000
6	0	.7351	.5314	.3771	.2621	.1780	.1176	.0754	.0467	.0277	.0156	.0083	.0041	.0018	.0007	.0002	.0001	.0000	.0000	.0000
	1	.9972	.8857	.7765	.6554	.5339	.4202	.3191	.2333	.1636	.1094	.0692	.0410	.0223	.0109	.0046	.0016	.0004	.0001	.0000
7	0	.6915	.4682	.3227	.2111	.1306	.0836	.0514	.0308	.0185	.0102	.0053	.0024	.0010	.0003	.0001	.0000	.0000	.0000	.0000
	1	.9978	.9414	.8734	.7941	.7044	.6082	.5100	.4140	.3230	.2396	.1664	.1040	.0608	.0308	.0156	.0067	.0022	.0005	.0000
8	0	.6496	.4114	.2661	.1611	.0984	.0611	.0364	.0216	.0125	.0068	.0034	.0016	.0007	.0002	.0001	.0000	.0000	.0000	.0000
	1	.9980	.9699	.9399	.8999	.8500	.7900	.7200	.6400	.5500	.4500	.3500	.2500	.1500	.0500	.0000	.0000	.0000	.0000	.0000
9	0	.6080	.3600	.2160	.1250	.0750	.0410	.0223	.0109	.0046	.0016	.0004	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.9982	.9877	.9775	.9675	.9575	.9475	.9375	.9275	.9175	.9075	.8975	.8875	.8775	.8675	.8575	.8475	.8375	.8275	.8175
10	0	.5675	.3100	.1600	.0800	.0400	.0200	.0100	.0050	.0025	.0012	.0006	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000
	1	.9984	.9959	.9934	.9909	.9884	.9859	.9834	.9809	.9784	.9759	.9734	.9709	.9684	.9659	.9634	.9609	.9584	.9559	.9534
11	0	.5273	.2600	.1100	.0500	.0250	.0125	.0062	.0031	.0015	.0007	.0004	.0002	.0001	.0000	.0000	.0000	.0000	.0000	.0000
	1	.9986	.9981	.9976	.9971	.9966	.9961	.9956	.9951	.9946	.9941	.9936	.9931	.9926	.9921	.9916	.9911	.9906	.9901	.9896
12	0	.4878	.2200	.0700	.0300	.0150	.0075	.0037	.0019	.0010	.0005	.0002	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.9988	.9993	.9998	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999
13	0	.4487	.1800	.0400	.0150	.0075	.0037	.0019	.0010	.0005	.0002	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.9990	.9995	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999
14	0	.4100	.1400	.0300	.0100	.0050	.0025	.0012	.0006	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.9992	.9997	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999
15	0	.3727	.1100	.0200	.0050	.0025	.0012	.0006	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.9994	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999
16	0	.3363	.0700	.0100	.0025	.0012	.0006	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.9996	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999
17	0	.3013	.0400	.0050	.0012	.0006	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.9998	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999
18	0	.2678	.0200	.0025	.0006	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999
19	0	.2358	.0100	.0012	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999
20	0	.2053	.0050	.0006	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999	.9999

Table 4 (Continued)

n	x	p																		
		.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95
7	0	.6983	.4783	.3206	.2097	.1335	.0824	.0490	.0280	.0152	.0078	.0037	.0016	.0006	.0002	.0001	.0000	.0000	.0000	.0000
	1	.9556	.8503	.7166	.5767	.4449	.3294	.2338	.1586	.1024	.0625	.0357	.0188	.0090	.0038	.0013	.0004	.0001	.0000	.0000
	2	.9962	.9743	.9262	.8520	.7564	.6471	.5333	.4199	.3164	.2266	.1529	.0963	.0556	.0285	.0129	.0047	.0012	.0002	.0000
	3	.9998	.9973	.9879	.9667	.9294	.8740	.8002	.7102	.6083	.5000	.3917	.2898	.1998	.1260	.0706	.0333	.0121	.0027	.0002
	4	1.0000	.9998	.9998	.9953	.9871	.9712	.9444	.9037	.8471	.7734	.6836	.5801	.4677	.3529	.2436	.1480	.0738	.0257	.0038
	5	1.0000	1.0000	.9999	.9996	.9987	.9962	.9910	.9812	.9643	.9375	.8976	.8414	.7662	.6706	.5551	.4233	.2834	.1497	.0444
	6	1.0000	1.0000	1.0000	1.0000	.9999	.9998	.9994	.9984	.9963	.9922	.9848	.9720	.9510	.9176	.8665	.7903	.6794	.5217	.3017
	7	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
8	0	.6634	.4305	.2725	.1678	.1001	.0576	.0319	.0168	.0084	.0039	.0017	.0007	.0002	.0001	.0000	.0000	.0000	.0000	.0000
	1	.9428	.8131	.6572	.5033	.3671	.2553	.1691	.1064	.0632	.0352	.0181	.0085	.0036	.0013	.0004	.0001	.0000	.0000	.0000
	2	.9942	.9619	.8948	.7969	.6785	.5518	.4278	.3154	.2201	.1445	.0885	.0498	.0253	.0113	.0042	.0012	.0002	.0000	.0000
	3	.9996	.9950	.9786	.9437	.8862	.8059	.7064	.5941	.4670	.3633	.2604	.1737	.1061	.0580	.0273	.0104	.0029	.0004	.0000
	4	1.0000	.9996	.9971	.9896	.9777	.9620	.9379	.9039	.8633	.8167	.7630	.7029	.6366	.5651	.4882	.4031	.3181	.2350	.1558
	5	1.0000	1.0000	.9998	.9988	.9958	.9887	.9747	.9502	.9115	.8555	.7799	.6846	.5722	.4482	.3215	.2031	.1052	.0381	.0058
	6	1.0000	1.0000	1.0000	.9999	.9996	.9987	.9964	.9915	.9819	.9648	.9368	.8936	.8309	.7447	.6329	.4967	.3428	.1869	.0572
	7	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9998	.9993	.9983	.9961	.9916	.9832	.9681	.9424	.8999	.8322	.7275	.5695	.3366
9	0	.6302	.3874	.2316	.1342	.0751	.0404	.0207	.0101	.0046	.0020	.0008	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000
	1	.9288	.7748	.5995	.4362	.3003	.1960	.1211	.0705	.0385	.0195	.0091	.0038	.0014	.0004	.0001	.0000	.0000	.0000	.0000
	2	.9916	.9470	.8591	.7382	.6007	.4628	.3373	.2318	.1495	.0898	.0498	.0250	.0112	.0043	.0013	.0003	.0000	.0000	.0000
	3	.9994	.9917	.9661	.9144	.8343	.7297	.6089	.4826	.3614	.2539	.1658	.0994	.0536	.0253	.0100	.0031	.0006	.0001	.0000
	4	1.0000	.9991	.9944	.9804	.9511	.9012	.8283	.7334	.6214	.5000	.3786	.2666	.1717	.0988	.0489	.0196	.0056	.0009	.0000
	5	1.0000	.9999	.9994	.9969	.9900	.9747	.9464	.9006	.8342	.7461	.6386	.5174	.3911	.2703	.1657	.0856	.0339	.0083	.0006
	6	1.0000	1.0000	1.0000	.9997	.9987	.9957	.9888	.9750	.9502	.9102	.8505	.7682	.6627	.5372	.3993	.2618	.1409	.0530	.0084
	7	1.0000	1.0000	1.0000	1.0000	.9999	.9996	.9986	.9962	.9909	.9805	.9615	.9295	.8789	.8040	.6997	.5638	.4005	.2252	.0712
10	0	.5987	.3487	.1969	.1074	.0563	.0282	.0135	.0060	.0025	.0010	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.9139	.7361	.5443	.3758	.2440	.1493	.0860	.0464	.0233	.0107	.0045	.0017	.0005	.0001	.0000	.0000	.0000	.0000	.0000
	2	.9885	.9298	.8202	.6778	.5256	.3828	.2616	.1673	.0996	.0547	.0274	.0123	.0048	.0016	.0004	.0001	.0000	.0000	.0000
	3	.9990	.9872	.9500	.8791	.7759	.6494	.5138	.3823	.2660	.1719	.1020	.0548	.0260	.0106	.0035	.0009	.0001	.0000	.0000

4	.9999	.9984	.9901	.9672	.9219	.8497	.7515	.6331	.5044	.3770	.2616	.1662	.0849	.0473	.0197	.0064	.0014	.0001	.0000
5	1.0000	.9999	.9986	.9936	.9803	.9527	.9051	.8338	.7384	.6230	.4956	.3669	.2485	.1503	.0781	.0328	.0099	.0016	.0001
6	1.0000	1.0000	.9999	.9991	.9965	.9894	.9740	.9452	.8980	.8281	.7340	.6177	.4862	.3504	.2241	.1209	.0500	.0128	.0010
7	1.0000	1.0000	1.0000	.9999	.9996	.9984	.9952	.9877	.9726	.9453	.9004	.8327	.7384	.6172	.4744	.3222	.1798	.0702	.0115
8	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9995	.9983	.9955	.9893	.9767	.9536	.9140	.8507	.7560	.6242	.4557	.2639	.0861
9	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9999	.9997	.9990	.9975	.9940	.9865	.9718	.9437	.8926	.8031	.6513	.4013
10	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
11	0	.5688	.3138	.1673	.0859	.0422	.0198	.0088	.0036	.0014	.0005	.0002	.0000	.0000	.0000	.0000	.0000	.0000	.0000
1	.8981	.6974	.4922	.3221	.1971	.1130	.0606	.0302	.0139	.0059	.0022	.0007	.0002	.0000	.0000	.0000	.0000	.0000	.0000
2	.9848	.9104	.7788	.6174	.4552	.3127	.2001	.1189	.0652	.0327	.0148	.0059	.0030	.0006	.0001	.0000	.0000	.0000	.0000
3	.9984	.9815	.9306	.8389	.7133	.5696	.4256	.2963	.1911	.1133	.0610	.0293	.0122	.0043	.0012	.0002	.0000	.0000	.0000
4	.9999	.9972	.9841	.9496	.8854	.7897	.6683	.5328	.3971	.2744	.1738	.0994	.0501	.0216	.0076	.0020	.0003	.0000	.0000
5	1.0000	.9997	.9973	.9883	.9657	.9218	.8513	.7535	.6331	.5000	.3669	.2465	.1487	.0782	.0343	.0117	.0027	.0003	.0000
6	1.0000	1.0000	.9997	.9980	.9924	.9784	.9499	.9006	.8262	.7256	.6029	.4672	.3317	.2103	.1146	.0504	.0159	.0028	.0001
7	1.0000	1.0000	1.0000	.9998	.9998	.9957	.9878	.9707	.9390	.8867	.8089	.7037	.5744	.4304	.2867	.1611	.0694	.0185	.0016
8	1.0000	1.0000	1.0000	1.0000	.9999	.9994	.9980	.9941	.9852	.9673	.9348	.8811	.7999	.6873	.5448	.3826	.2212	.0896	.0152
9	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9998	.9993	.9978	.9941	.9861	.9698	.9394	.8870	.8029	.6779	.5078	.3026	.1019
10	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9998	.9995	.9986	.9964	.9912	.9802	.9578	.9141	.8327	.6862	.4312
11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
12	0	.5404	.2824	.1422	.0687	.0317	.0138	.0057	.0022	.0008	.0002	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000
1	.8816	.6990	.4435	.2749	.1584	.0850	.0424	.0196	.0083	.0032	.0011	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000
2	.9804	.8891	.7358	.5583	.3907	.2528	.1513	.0834	.0421	.0193	.0079	.0028	.0008	.0002	.0000	.0000	.0000	.0000	.0000
3	.9978	.9744	.9078	.7946	.6488	.4925	.3467	.2253	.1345	.0730	.0356	.0153	.0056	.0017	.0004	.0001	.0000	.0000	.0000
4	.9998	.9957	.9761	.9274	.8424	.7237	.5833	.4382	.3044	.1938	.1117	.0573	.0255	.0095	.0028	.0006	.0001	.0000	.0000
5	1.0000	.9995	.9954	.9806	.9456	.8822	.7873	.6652	.5269	.3872	.2607	.1582	.0846	.0346	.0143	.0039	.0007	.0001	.0000
6	1.0000	.9999	.9993	.9961	.9857	.9614	.9154	.8418	.7393	.6128	.4731	.3348	.2127	.1178	.0544	.0194	.0046	.0005	.0000
7	1.0000	1.0000	.9999	.9994	.9972	.9905	.9745	.9427	.8883	.8062	.6956	.5618	.4167	.2763	.1576	.0726	.0239	.0043	.0002
8	1.0000	1.0000	1.0000	.9999	.9996	.9983	.9944	.9847	.9644	.9270	.8655	.7747	.6533	.5075	.3512	.2054	.0922	.0256	.0022
9	1.0000	1.0000	1.0000	1.0000	1.0000	.9998	.9992	.9972	.9921	.9807	.9579	.9166	.8487	.7472	.6093	.4417	.2642	.1109	.0196
10	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9997	.9989	.9968	.9917	.9804	.9576	.9150	.8416	.7251	.5565	.3410	.1184
11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9998	.9992	.9978	.9943	.9862	.9683	.9313	.8578	.7176	.4596
12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
13	0	.5133	.2542	.1209	.0550	.0238	.0097	.0037	.0013	.0004	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
1	.8646	.6213	.3983	.2336	.1267	.0637	.0296	.0126	.0049	.0017	.0005	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000
2	.9755	.8661	.6920	.5017	.3326	.2025	.1132	.0579	.0269	.0112	.0041	.0013	.0003	.0001	.0000	.0000	.0000	.0000	.0000
3	.9969	.9658	.8820	.7473	.5843	.4206	.2783	.1686	.0929	.0461	.0203	.0078	.0025	.0007	.0001	.0000	.0000	.0000	.0000

Table 4 (Continued)

c	a	p																		
		.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95
14	4	.9997	.9935	.9658	.9009	.7940	.6543	.5005	.3530	.2279	.1334	.0698	.0321	.0126	.0040	.0010	.0002	.0000	.0000	.0000
	5	1.0000	.9991	.9925	.9700	.9198	.8346	.7159	.5744	.4268	.2905	.1788	.0977	.0462	.0182	.0056	.0012	.0002	.0001	.0000
	6	1.0000	.9999	.9987	.9930	.9757	.9376	.8705	.7712	.6437	.5000	.3563	.2288	.1295	.0624	.0243	.0070	.0013	.0001	.0000
	7	1.0000	1.0000	.9998	.9988	.9944	.9818	.9538	.9023	.8212	.7095	.5732	.4256	.2841	.1654	.0802	.0300	.0075	.0009	.0000
	8	1.0000	1.0000	1.0000	.9998	.9990	.9960	.9874	.9679	.9302	.8666	.7721	.6470	.4995	.3457	.2060	.0991	.0342	.0065	.0003
	9	1.0000	1.0000	1.0000	1.0000	.9999	.9993	.9975	.9922	.9797	.9539	.9071	.8314	.7217	.5794	.4157	.2527	.1190	.0342	.0031
	10	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9997	.9987	.9959	.9838	.9731	.9421	.8868	.7975	.6674	.4983	.3080	.1339	.0245
	11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9999	.9995	.9983	.9951	.9874	.9704	.9363	.8733	.7664	.6017	.3787	.1354
	12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9996	.9987	.9963	.9903	.9762	.9450	.8791	.7458	.4867
	13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
	0	.4877	.2288	.1028	.0440	.0178	.0068	.0024	.0008	.0002	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.8470	.5846	.3567	.1979	.1010	.0475	.0205	.0081	.0029	.0009	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	2	.9699	.8416	.6479	.4481	.2811	.1608	.0839	.0398	.0170	.0065	.0022	.0006	.0001	.0000	.0000	.0000	.0000	.0000	.0000
	3	.9958	.9559	.8535	.6982	.5213	.3552	.2205	.1243	.0632	.0287	.0114	.0039	.0011	.0002	.0000	.0000	.0000	.0000	.0000
	4	.9996	.9908	.9533	.8702	.7415	.5842	.4227	.2793	.1672	.0898	.0426	.0175	.0060	.0017	.0003	.0000	.0000	.0000	.0000
	5	1.0000	.9985	.9885	.9561	.8883	.7805	.6405	.4859	.3373	.2120	.1189	.0583	.0243	.0083	.0022	.0004	.0000	.0000	.0000
	6	1.0000	.9998	.9978	.9884	.9617	.9067	.8164	.6925	.5461	.3953	.2586	.1501	.0753	.0315	.0103	.0024	.0003	.0000	.0000
	7	1.0000	1.0000	.9997	.9976	.9897	.9685	.9247	.8499	.7414	.6047	.4539	.3075	.1836	.0933	.0383	.0116	.0022	.0002	.0000
	8	1.0000	1.0000	1.0000	.9996	.9978	.9917	.9757	.9417	.8811	.7880	.6627	.5141	.3595	.2195	.1177	.0439	.0115	.0014	.0000
	9	1.0000	1.0000	1.0000	1.0000	.9997	.9983	.9940	.9825	.9574	.9102	.8328	.7207	.5773	.4158	.2585	.1298	.0467	.0082	.0004
	10	1.0000	1.0000	1.0000	1.0000	1.0000	.9998	.9989	.9961	.9886	.9713	.9368	.8757	.7795	.6448	.4787	.3018	.1465	.0441	.0042
	11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9994	.9978	.9935	.9830	.9602	.9161	.8392	.7189	.5519	.3521	.1584	.0301
	12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9997	.9991	.9971	.9919	.9795	.9525	.8990	.8021	.6433	.4154	.1530
	13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9998	.9992	.9976	.9932	.9822	.9560	.8972	.7712	.5123
	14	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
15	0	.4633	.2059	.0874	.0352	.0134	.0047	.0016	.0005	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.8290	.5490	.3186	.1671	.0802	.0353	.0142	.0052	.0017	.0005	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	2	.9638	.8159	.6042	.3980	.2361	.1268	.0617	.0271	.0107	.0037	.0011	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000
	3	.9945	.9444	.8227	.6482	.4613	.2969	.1727	.0905	.0424	.0176	.0063	.0019	.0005	.0001	.0000	.0000	.0000	.0000	.0000
	4	.9994	.9873	.9383	.8358	.6865	.5155	.3519	.2173	.1204	.0692	.0255	.0093	.0028	.0007	.0001	.0000	.0000	.0000	.0000
	5	.9999	.9978	.9832	.9389	.8516	.7216	.5643	.4032	.2608	.1509	.0769	.0338	.0124	.0037	.0006	.0001	.0000	.0000	.0000

6	1.0000	.9997	.9994	.9819	.9434	.8689	.7543	.6098	.4522	.3036	.1818	.0950	.0422	.0152	.0042	.0008	.0001	.0000	.0000
7	1.0000	1.0000	.9994	.9958	.9827	.9500	.8868	.7869	.6535	.5000	.3465	.2131	.1132	.0580	.0273	.0142	.0084	.0000	.0000
8	1.0000	1.0000	.9999	.9992	.9958	.9848	.9578	.9050	.8182	.6964	.5478	.3802	.2452	.1311	.0566	.0281	.0136	.0000	.0000
9	1.0000	1.0000	1.0000	.9999	.9992	.9963	.9876	.9662	.9231	.8491	.7392	.5948	.4357	.2784	.1484	.0811	.0168	.0000	.0000
10	1.0000	1.0000	1.0000	1.0000	.9999	.9993	.9972	.9907	.9745	.9408	.8796	.7827	.6481	.4845	.3135	.1642	.0617	.0000	.0000
11	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9995	.9981	.9937	.9824	.9576	.9095	.8273	.7031	.5387	.3518	.1773	.0000	.0000
12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9997	.9989	.9963	.9893	.9729	.9383	.8732	.7839	.6020	.3958	.1841	.0362
13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9999	.9995	.9983	.9948	.9858	.9672	.9198	.8329	.6814	.4510	.1710
14	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9999	.9999	.9995	.9984	.9953	.9866	.9648	.9126	.7941	.5367
35	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
0	.4401	.1853	.0743	.0281	.0100	.0033	.0010	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
1	.8108	.5147	.2839	.1407	.0635	.0261	.0098	.0033	.0010	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
2	.9571	.7892	.5614	.3518	.1971	.0894	.0451	.0183	.0066	.0021	.0006	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000
3	.9930	.9316	.8099	.6981	.6050	.5259	.4581	.3989	.3451	.2966	.2539	.2169	.1841	.1554	.1304	.1084	.0884	.0704	.0544
4	.9991	.9830	.9609	.9422	.9262	.9122	.8998	.8888	.8788	.8694	.8604	.8518	.8434	.8352	.8272	.8194	.8118	.8044	.7972
5	.9999	.9967	.9945	.9923	.9901	.9879	.9857	.9835	.9813	.9791	.9769	.9747	.9725	.9703	.9681	.9659	.9637	.9615	.9593
6	1.0000	.9995	.9994	.9993	.9992	.9991	.9990	.9989	.9988	.9987	.9986	.9985	.9984	.9983	.9982	.9981	.9980	.9979	.9978
7	1.0000	.9999	.9998	.9997	.9996	.9995	.9994	.9993	.9992	.9991	.9990	.9989	.9988	.9987	.9986	.9985	.9984	.9983	.9982
8	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
9	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
10	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
14	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
15	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
16	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
0	.4181	.1648	.0631	.0225	.0075	.0023	.0007	.0002	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
1	.7822	.4818	.2525	.1182	.0501	.0193	.0067	.0021	.0006	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
2	.9497	.7618	.5198	.3096	.1637	.0774	.0327	.0123	.0041	.0012	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000
3	.9912	.9174	.7556	.5489	.3530	.2019	.1028	.0464	.0184	.0064	.0019	.0005	.0001	.0000	.0000	.0000	.0000	.0000	.0000
4	.9988	.9779	.9613	.9482	.9359	.9239	.9118	.8996	.8874	.8752	.8630	.8508	.8386	.8264	.8142	.8020	.7898	.7776	.7654
5	.9999	.9953	.9881	.9843	.9805	.9767	.9729	.9691	.9653	.9615	.9577	.9539	.9501	.9463	.9425	.9387	.9349	.9311	.9273
6	1.0000	.9992	.9917	.9823	.9729	.9635	.9541	.9447	.9353	.9259	.9165	.9071	.8977	.8883	.8789	.8695	.8601	.8507	.8413
7	1.0000	.9999	.9983	.9951	.9913	.9875	.9837	.9799	.9761	.9723	.9685	.9647	.9609	.9571	.9533	.9495	.9457	.9419	.9381
8	1.0000	1.0000	.9997	.9974	.9941	.9903	.9865	.9827	.9789	.9751	.9713	.9675	.9637	.9599	.9561	.9523	.9485	.9447	.9409
9	1.0000	1.0000	1.0000	.9995	.9989	.9983	.9977	.9971	.9965	.9959	.9953	.9947	.9941	.9935	.9929	.9923	.9917	.9911	.9905

16

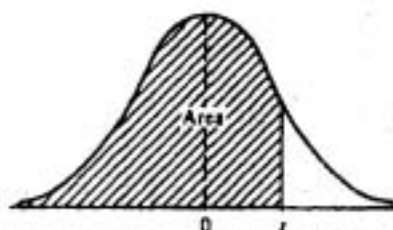
17

Table 4 (Continued)

n	k	p																		
		.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95
18	10	1.0000	1.0000	1.0000	1.0000	.9999	.9994	.9968	.9880	.9652	.9174	.8338	.7098	.5522	.3812	.2248	.1071	.0377	.0083	.0000
	11	1.0000	1.0000	1.0000	1.0000	.9999	.9999	.9993	.9970	.9894	.9699	.9283	.8529	.7361	.5803	.4032	.2347	.1057	.0319	.0001
	12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9994	.9975	.9914	.9755	.9404	.8740	.7652	.6113	.4261	.2418	.0987	.0012
	13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9999	.9995	.9981	.9936	.9816	.9536	.8972	.7981	.6470	.4511	.2444	.0088
	14	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9999	.9997	.9988	.9959	.9877	.9673	.9226	.8363	.6904	.4802	.0503
	15	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9999	.9999	.9994	.9979	.9935	.9807	.9499	.8818	.7475	.2078
	16	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9998	.9998	.9993	.9977	.9925	.9775	.9369	.5819
	17	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
	0	.3972	.1501	.0536	.0180	.0056	.0016	.0004	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.7735	.4503	.2241	.0991	.0395	.0142	.0046	.0013	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	2	.9419	.7338	.4797	.2713	.1353	.0600	.0236	.0082	.0025	.0007	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	3	.9891	.9018	.7202	.5010	.3057	.1646	.0783	.0328	.0120	.0038	.0010	.0002	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	4	.9985	.9718	.8794	.7164	.5187	.3327	.1886	.0942	.0411	.0154	.0049	.0013	.0003	.0000	.0000	.0000	.0000	.0000	.0000
	5	.9998	.9936	.9581	.8671	.7175	.5344	.3550	.2088	.1077	.0481	.0183	.0058	.0014	.0003	.0000	.0000	.0000	.0000	.0000
	6	1.0000	.9998	.9882	.9487	.8610	.7217	.5491	.3743	.2258	.1189	.0537	.0203	.0062	.0014	.0002	.0000	.0000	.0000	.0000
	7	1.0000	.9998	.9973	.9837	.9431	.8593	.7283	.5634	.3915	.2403	.1280	.0576	.0212	.0061	.0012	.0000	.0000	.0000	.0000
	8	1.0000	1.0000	.9995	.9957	.9807	.9404	.8609	.7368	.5778	.4073	.2527	.1347	.0597	.0210	.0054	.0009	.0001	.0000	.0000
	9	1.0000	1.0000	.9999	.9991	.9946	.9790	.9403	.8653	.7473	.5927	.4222	.2632	.1391	.0596	.0193	.0043	.0005	.0000	.0000
19	10	1.0000	1.0000	1.0000	1.0000	.9998	.9988	.9939	.9788	.9424	.8720	.7917	.6085	.4366	.2717	.1407	.0569	.0163	.0027	.0000
	11	1.0000	1.0000	1.0000	1.0000	1.0000	.9998	.9986	.9938	.9797	.9463	.8811	.7742	.6257	.4509	.2783	.1390	.0513	.0118	.0002
	12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9997	.9986	.9942	.9817	.9519	.8973	.7912	.6450	.4656	.2825	.1329	.0419	.0064
	13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9997	.9987	.9951	.9846	.9589	.9058	.8114	.6673	.4813	.2836	.1206	.0282
	14	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9998	.9990	.9962	.9880	.9672	.9217	.8354	.6943	.4990	.2798	.0982	.0109
	15	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9993	.9975	.9918	.9764	.9400	.8647	.7287	.5203	.2662	.0581
	16	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9997	.9987	.9954	.9838	.9605	.9009	.7759	.5497	.2265
	17	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9996	.9984	.9944	.9820	.9464	.8499	.6028	.0000
	18	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
	0	.3774	.1351	.0456	.0144	.0042	.0011	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.7547	.4203	.1985	.0829	.0310	.0104	.0031	.0008	.0002	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	2	.9335	.7054	.4413	.2369	.1113	.0462	.0170	.0055	.0015	.0004	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	3	.9868	.9850	.8841	.4551	.2631	.1332	.0591	.0240	.0077	.0022	.0005	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000

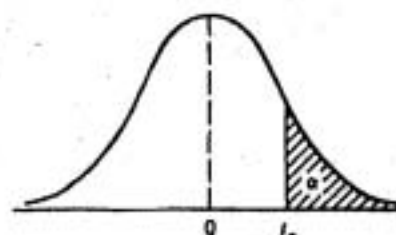
[illegible]

Table 5
Areas Under the Normal Curve



<i>z</i>	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
-3.4	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
-3.3	0.0005	0.0005	0.0005	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
-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	0.0017	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	0.0033	0.0032	0.0031	0.0030	0.0029	0.0029	0.0028	0.0027	0.0026	0.0025
-2.6	0.0044	0.0043	0.0042	0.0041	0.0040	0.0039	0.0038	0.0037	0.0036	0.0035
-2.5	0.0054	0.0053	0.0052	0.0051	0.0050	0.0049	0.0048	0.0047	0.0046	0.0045
-2.4	0.0068	0.0067	0.0066	0.0065	0.0064	0.0063	0.0062	0.0061	0.0060	0.0059
-2.3	0.0080	0.0079	0.0078	0.0077	0.0076	0.0075	0.0074	0.0073	0.0072	0.0071
-2.2	0.0103	0.0102	0.0101	0.0100	0.0099	0.0098	0.0097	0.0096	0.0095	0.0094
-2.1	0.0139	0.0138	0.0137	0.0136	0.0135	0.0134	0.0133	0.0132	0.0131	0.0130
-2.0	0.0179	0.0178	0.0177	0.0176	0.0175	0.0174	0.0173	0.0172	0.0171	0.0170
-1.9	0.0228	0.0227	0.0226	0.0225	0.0224	0.0223	0.0222	0.0221	0.0220	0.0219
-1.8	0.0287	0.0286	0.0285	0.0284	0.0283	0.0282	0.0281	0.0280	0.0279	0.0278
-1.7	0.0359	0.0358	0.0357	0.0356	0.0355	0.0354	0.0353	0.0352	0.0351	0.0350
-1.6	0.0446	0.0445	0.0444	0.0443	0.0442	0.0441	0.0440	0.0439	0.0438	0.0437
-1.5	0.0548	0.0547	0.0546	0.0545	0.0544	0.0543	0.0542	0.0541	0.0540	0.0539
-1.4	0.0668	0.0667	0.0666	0.0665	0.0664	0.0663	0.0662	0.0661	0.0660	0.0659
-1.3	0.0808	0.0807	0.0806	0.0805	0.0804	0.0803	0.0802	0.0801	0.0800	0.0799
-1.2	0.0968	0.0967	0.0966	0.0965	0.0964	0.0963	0.0962	0.0961	0.0960	0.0959
-1.1	0.1159	0.1158	0.1157	0.1156	0.1155	0.1154	0.1153	0.1152	0.1151	0.1150
-1.0	0.1379	0.1378	0.1377	0.1376	0.1375	0.1374	0.1373	0.1372	0.1371	0.1370
-0.9	0.1841	0.1840	0.1839	0.1838	0.1837	0.1836	0.1835	0.1834	0.1833	0.1832
-0.8	0.2119	0.2118	0.2117	0.2116	0.2115	0.2114	0.2113	0.2112	0.2111	0.2110
-0.7	0.2420	0.2419	0.2418	0.2417	0.2416	0.2415	0.2414	0.2413	0.2412	0.2411
-0.6	0.2743	0.2742	0.2741	0.2740	0.2739	0.2738	0.2737	0.2736	0.2735	0.2734
-0.5	0.3085	0.3084	0.3083	0.3082	0.3081	0.3080	0.3079	0.3078	0.3077	0.3076
-0.4	0.3446	0.3445	0.3444	0.3443	0.3442	0.3441	0.3440	0.3439	0.3438	0.3437
-0.3	0.3821	0.3820	0.3819	0.3818	0.3817	0.3816	0.3815	0.3814	0.3813	0.3812
-0.2	0.4207	0.4206	0.4205	0.4204	0.4203	0.4202	0.4201	0.4200	0.4199	0.4198
-0.1	0.4602	0.4601	0.4600	0.4599	0.4598	0.4597	0.4596	0.4595	0.4594	0.4593
-0.0	0.5000	0.4999	0.4998	0.4997	0.4996	0.4995	0.4994	0.4993	0.4992	0.4991
0.0	0.5000	0.5001	0.5002	0.5003	0.5004	0.5005	0.5006	0.5007	0.5008	0.5009
0.1	0.5398	0.5399	0.5400	0.5401	0.5402	0.5403	0.5404	0.5405	0.5406	0.5407
0.2	0.5793	0.5794	0.5795	0.5796	0.5797	0.5798	0.5799	0.5800	0.5801	0.5802
0.3	0.6179	0.6180	0.6181	0.6182	0.6183	0.6184	0.6185	0.6186	0.6187	0.6188
0.4	0.6554	0.6555	0.6556	0.6557	0.6558	0.6559	0.6560	0.6561	0.6562	0.6563
0.5	0.6915	0.6916	0.6917	0.6918	0.6919	0.6920	0.6921	0.6922	0.6923	0.6924
0.6	0.7257	0.7258	0.7259	0.7260	0.7261	0.7262	0.7263	0.7264	0.7265	0.7266
0.7	0.7580	0.7581	0.7582	0.7583	0.7584	0.7585	0.7586	0.7587	0.7588	0.7589
0.8	0.7881	0.7882	0.7883	0.7884	0.7885	0.7886	0.7887	0.7888	0.7889	0.7890
0.9	0.8159	0.8160	0.8161	0.8162	0.8163	0.8164	0.8165	0.8166	0.8167	0.8168
1.0	0.8413	0.8414	0.8415	0.8416	0.8417	0.8418	0.8419	0.8420	0.8421	0.8422
1.1	0.8643	0.8644	0.8645	0.8646	0.8647	0.8648	0.8649	0.8650	0.8651	0.8652
1.2	0.8849	0.8850	0.8851	0.8852	0.8853	0.8854	0.8855	0.8856	0.8857	0.8858
1.3	0.9032	0.9033	0.9034	0.9035	0.9036	0.9037	0.9038	0.9039	0.9040	0.9041
1.4	0.9192	0.9193	0.9194	0.9195	0.9196	0.9197	0.9198	0.9199	0.9200	0.9201
1.5	0.9332	0.9333	0.9334	0.9335	0.9336	0.9337	0.9338	0.9339	0.9340	0.9341
1.6	0.9452	0.9453	0.9454	0.9455	0.9456	0.9457	0.9458	0.9459	0.9460	0.9461
1.7	0.9554	0.9555	0.9556	0.9557	0.9558	0.9559	0.9560	0.9561	0.9562	0.9563
1.8	0.9641	0.9642	0.9643	0.9644	0.9645	0.9646	0.9647	0.9648	0.9649	0.9650
1.9	0.9713	0.9714	0.9715	0.9716	0.9717	0.9718	0.9719	0.9720	0.9721	0.9722
2.0	0.9772	0.9773	0.9774	0.9775	0.9776	0.9777	0.9778	0.9779	0.9780	0.9781
2.1	0.9821	0.9822	0.9823	0.9824	0.9825	0.9826	0.9827	0.9828	0.9829	0.9830
2.2	0.9861	0.9862	0.9863	0.9864	0.9865	0.9866	0.9867	0.9868	0.9869	0.9870
2.3	0.9893	0.9894	0.9895	0.9896	0.9897	0.9898	0.9899	0.9900	0.9901	0.9902
2.4	0.9918	0.9919	0.9920	0.9921	0.9922	0.9923	0.9924	0.9925	0.9926	0.9927
2.5	0.9938	0.9939	0.9940	0.9941	0.9942	0.9943	0.9944	0.9945	0.9946	0.9947
2.6	0.9953	0.9954	0.9955	0.9956	0.9957	0.9958	0.9959	0.9960	0.9961	0.9962
2.7	0.9966	0.9967	0.9968	0.9969	0.9970	0.9971	0.9972	0.9973	0.9974	0.9975
2.8	0.9978	0.9979	0.9980	0.9981	0.9982	0.9983	0.9984	0.9985	0.9986	0.9987
2.9	0.9989	0.9990	0.9991	0.9992	0.9993	0.9994	0.9995	0.9996	0.9997	0.9998
3.0	0.9998	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999
3.1	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999
3.2	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999
3.3	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999
3.4	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999

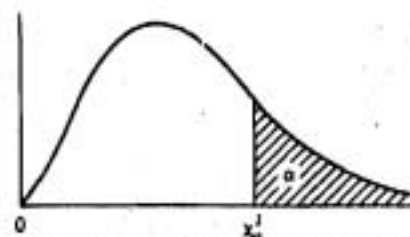
Table 6^a
Critical Values of the *t* Distribution



ν	α				
	0.10	0.05	0.025	0.01	0.005
1	3.078	6.314	12.706	31.821	63.657
2	1.886	2.920	4.303	6.965	9.925
3	1.638	2.353	3.182	4.541	5.841
4	1.533	2.132	2.776	3.747	4.604
5	1.476	2.015	2.571	3.365	4.032
6	1.440	1.943	2.447	3.143	3.707
7	1.415	1.895	2.365	2.998	3.499
8	1.397	1.860	2.306	2.896	3.355
9	1.383	1.833	2.262	2.821	3.250
10	1.372	1.812	2.228	2.764	3.169
11	1.363	1.796	2.201	2.718	3.106
12	1.356	1.782	2.179	2.681	3.055
13	1.350	1.771	2.160	2.650	3.012
14	1.345	1.761	2.145	2.624	2.977
15	1.341	1.753	2.131	2.602	2.947
16	1.337	1.746	2.120	2.583	2.921
17	1.333	1.740	2.110	2.567	2.898
18	1.330	1.734	2.101	2.552	2.878
19	1.328	1.729	2.093	2.539	2.861
20	1.325	1.725	2.086	2.528	2.845
21	1.323	1.721	2.080	2.518	2.831
22	1.321	1.717	2.074	2.508	2.819
23	1.319	1.714	2.069	2.500	2.807
24	1.318	1.711	2.064	2.492	2.797
25	1.316	1.708	2.060	2.485	2.787
26	1.315	1.706	2.056	2.479	2.779
27	1.314	1.703	2.052	2.473	2.771
28	1.313	1.701	2.048	2.467	2.763
29	1.311	1.699	2.045	2.462	2.756
inf.	1.282	1.645	1.960	2.326	2.576

^a From Table IV of R. A. Fisher, *Statistical Methods for Research Workers*, published by Oliver & Boyd Ltd., Edinburgh, by permission of the author and publishers.

Table 7* Critical Values
of the Chi-Square Distribution



v	α							
	0.995	0.99	0.975	0.95	0.05	0.025	0.01	0.005
1	0.00393	0.0157	0.0192	0.0293	3.841	5.024	6.635	7.879
2	0.0100	0.0201	0.0506	0.103	5.991	7.378	9.210	10.597
3	0.0717	0.115	0.216	0.352	7.815	9.348	11.345	12.838
4	0.207	0.297	0.484	0.711	9.488	11.143	13.277	14.860
5	0.412	0.554	0.831	1.145	11.070	12.832	15.086	16.750
6	0.676	0.872	1.237	1.635	12.592	14.449	16.812	18.548
7	0.989	1.239	1.690	2.167	14.067	16.013	18.475	20.278
8	1.344	1.646	2.180	2.733	15.507	17.535	20.090	21.955
9	1.735	2.088	2.700	3.325	16.919	19.023	21.666	23.589
10	2.156	2.558	3.247	3.940	18.307	20.483	23.209	25.188
11	2.603	3.053	3.816	4.575	19.675	21.920	24.725	26.757
12	3.074	3.571	4.404	5.226	21.026	23.337	26.217	28.300
13	3.565	4.107	5.009	5.892	22.362	24.736	27.688	29.819
14	4.075	4.660	5.629	6.571	23.685	26.119	29.141	31.319
15	4.601	5.229	6.262	7.261	24.996	27.488	30.578	32.801
16	5.142	5.812	6.908	7.962	26.296	28.845	32.000	34.267
17	5.697	6.408	7.564	8.672	27.587	30.191	33.409	35.718
18	6.265	7.015	8.231	9.390	28.869	31.526	34.805	37.156
19	6.844	7.633	8.907	10.117	30.144	32.852	36.191	38.582
20	7.434	8.260	9.591	10.851	31.410	34.170	37.566	39.997
21	8.034	8.897	10.283	11.591	32.671	35.479	38.932	41.401
22	8.643	9.542	10.982	12.338	33.924	36.781	40.289	42.796
23	9.260	10.196	11.689	13.091	35.172	38.076	41.638	44.181
24	9.886	10.856	12.401	13.848	36.415	39.364	42.980	45.558
25	10.520	11.524	13.120	14.611	37.652	40.646	44.314	46.928
26	11.160	12.198	13.844	15.379	38.885	41.923	45.642	48.290
27	11.808	12.879	14.573	16.151	40.113	43.194	46.963	49.645
28	12.461	13.565	15.308	16.928	41.337	44.461	48.278	50.993
29	13.121	14.256	16.047	17.708	42.557	45.722	49.588	52.336
30	13.787	14.953	16.791	18.493	43.773	46.979	50.892	53.672

* Abridged from Table 8 of *Biometrika Tables for Statisticians*, Vol. 1, by permission of E. S. Pearson and the Biometrika Trustees.