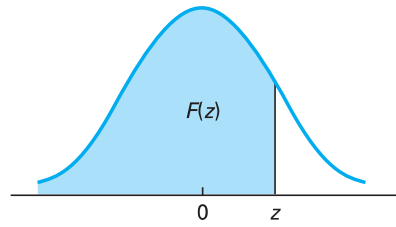


APPENDIX TABLES

Table 1 Cumulative Distribution Function, $F(z)$, of the Standard Normal Distribution Table



z	0	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
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

Dr. William L. Carlson, prepared using Minitab 16.

Table 2 Probability Function of the Binomial Distribution

The table shows the probability of x successes in n independent trials, each with probability of success P . For example, the probability of four successes in eight independent trials, each with probability of success .35, is .1875.

n	x	P									
		.05	.10	.15	.20	.25	.30	.35	.40	.45	.50
1	0	.9500	.9000	.8500	.8000	.7500	.7000	.6500	.6000	.5500	.5000
	1	.0500	.1000	.1500	.2000	.2500	.3000	.3500	.4000	.4500	.5000
2	0	.9025	.8100	.7225	.6400	.5625	.4900	.4225	.3600	.3025	.2500
	1	.0950	.1800	.2550	.3200	.3750	.4200	.4550	.4800	.4950	.5000
	2	.0025	.0100	.0225	.0400	.0625	.0900	.1225	.1600	.2025	.2500
3	0	.8574	.7290	.6141	.5120	.4219	.3430	.2746	.2160	.1664	.1250
	1	.1354	.2430	.3251	.3840	.4219	.4410	.4436	.4320	.4084	.3750
	2	.0071	.0270	.0574	.0960	.1406	.1890	.2389	.2880	.3341	.3750
	3	.0001	.0010	.0034	.0080	.0156	.0270	.0429	.0640	.0911	.1250
4	0	.8145	.6561	.5220	.4096	.3164	.2401	.1785	.1296	.0915	.0625
	1	.1715	.2916	.3685	.4096	.4219	.4116	.3845	.3456	.2995	.2500
	2	.0135	.0486	.0975	.1536	.2109	.2646	.3105	.3456	.3675	.3750
	3	.0005	.0036	.0115	.0256	.0469	.0756	.1115	.1536	.2005	.2500
	4	.0000	.0001	.0005	.0016	.0039	.0081	.0150	.0256	.0410	.0625
5	0	.7738	.5905	.4437	.3277	.2373	.1681	.1160	.0778	.0503	.0312
	1	.2036	.3280	.3915	.4096	.3955	.3602	.3124	.2592	.2059	.1562
	2	.0214	.0729	.1382	.2048	.2637	.3087	.3364	.3456	.3369	.3125
	3	.0011	.0081	.0244	.0512	.0879	.1323	.1811	.2304	.2757	.3125
	4	.0000	.0004	.0022	.0064	.0146	.0284	.0488	.0768	.1128	.1562
	5	.0000	.0000	.0001	.0003	.0010	.0024	.0053	.0102	.0185	.0312
6	0	.7351	.5314	.3771	.2621	.1780	.1176	.0754	.0467	.0277	.0156
	1	.2321	.3543	.3993	.3932	.3560	.3025	.2437	.1866	.1359	.0938
	2	.0305	.0984	.1762	.2458	.2966	.3241	.3280	.3110	.2780	.2344
	3	.0021	.0146	.0415	.0819	.1318	.1852	.2355	.2765	.3032	.3125
	4	.0001	.0012	.0055	.0154	.0330	.0595	.0951	.1382	.1861	.2344
	5	.0000	.0001	.0004	.0015	.0044	.0102	.0205	.0369	.0609	.0938
	6	.0000	.0000	.0000	.0001	.0002	.0007	.0018	.0041	.0083	.0156
7	0	.6983	.4783	.3206	.2097	.1335	.0824	.0490	.0280	.0152	.0078
	1	.2573	.3720	.3960	.3670	.3115	.2471	.1848	.1306	.0872	.0547
	2	.0406	.1240	.2097	.2753	.3115	.3177	.2985	.2613	.2140	.1641
	3	.0036	.0230	.0617	.1147	.1730	.2269	.2679	.2903	.2918	.2734
	4	.0002	.0026	.0109	.0287	.0577	.0972	.1442	.1935	.2388	.2734
	5	.0000	.0002	.0012	.0043	.0115	.0250	.0466	.0774	.1172	.1641
	6	.0000	.0000	.0001	.0004	.0013	.0036	.0084	.0172	.0320	.0547
	7	.0000	.0000	.0000	.0000	.0001	.0002	.0006	.0016	.0037	.0078
8	0	.6634	.4305	.2725	.1678	.1001	.0576	.0319	.0168	.0084	.0039
	1	.2793	.3826	.3847	.3355	.2670	.1977	.1373	.0896	.0548	.0312
	2	.0515	.1488	.2376	.2936	.3115	.2965	.2587	.2090	.1569	.1094
	3	.0054	.0331	.0839	.1468	.2076	.2541	.2786	.2787	.2568	.2188
	4	.0004	.0046	.0185	.0459	.0865	.1361	.1875	.2322	.2627	.2734
	5	.0000	.0004	.0026	.0092	.0231	.0467	.0808	.1239	.1719	.2188
	6	.0000	.0000	.0002	.0011	.0038	.0100	.0217	.0413	.0703	.1094
	7	.0000	.0000	.0000	.0001	.0004	.0012	.0033	.0079	.0164	.0312
	8	.0000	.0000	.0000	.0000	.0000	.0001	.0002	.0007	.0017	.0039

(continued)

Table 2 Probability Function of the Binomial Distribution (*Continued*)

<i>n</i>	<i>x</i>	<i>P</i>									
		.05	.10	.15	.20	.25	.30	.35	.40	.45	.50
9	0	.6302	.3874	.2316	.1342	.0751	.0404	.0207	.0101	.0046	.0020
	1	.2985	.3874	.3679	.3020	.2253	.1556	.1004	.0605	.0339	.0176
	2	.0629	.1722	.2597	.3020	.3003	.2668	.2162	.1612	.1110	.0703
	3	.0077	.0446	.1069	.1762	.2336	.2668	.2716	.2508	.2119	.1641
	4	.0006	.0074	.0283	.0661	.1168	.1715	.2194	.2508	.2600	.2461
	5	.0000	.0008	.0050	.0165	.0389	.0735	.1181	.1672	.2128	.2461
	6	.0000	.0001	.0006	.0028	.0087	.0210	.0424	.0743	.1160	.1641
	7	.0000	.0000	.0000	.0003	.0012	.0039	.0098	.0212	.0407	.0703
	8	.0000	.0000	.0000	.0000	.0001	.0004	.0013	.0035	.0083	.0176
	9	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0008	.0020
10	0	.5987	.3487	.1969	.1074	.0563	.0282	.0135	.0060	.0025	.0010
	1	.3151	.3874	.3474	.2684	.1877	.1211	.0725	.0403	.0207	.0098
	2	.0746	.1937	.2759	.3020	.2816	.2335	.1757	.1209	.0763	.0439
	3	.0105	.0574	.1298	.2013	.2503	.2668	.2522	.2150	.1665	.1172
	4	.0010	.0112	.0401	.0881	.1460	.2001	.2377	.2508	.2384	.2051
	5	.0001	.0015	.0085	.0264	.0584	.1029	.1536	.2007	.2340	.2461
	6	.0000	.0001	.0012	.0055	.0162	.0368	.0689	.1115	.1596	.2051
	7	.0000	.0000	.0001	.0008	.0031	.0090	.0212	.0425	.0746	.1172
	8	.0000	.0000	.0000	.0001	.0004	.0014	.0043	.0106	.0226	.0439
	9	.0000	.0000	.0000	.0000	.0000	.0001	.0004	.0016	.0042	.0098
	10	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0010
11	0	.5688	.3138	.1673	.0859	.0422	.0198	.0088	.0036	.0014	.0005
	1	.3293	.3835	.3248	.2362	.1549	.0932	.0518	.0266	.0125	.0054
	2	.0867	.2131	.2866	.2953	.2581	.1998	.1395	.0887	.0513	.0269
	3	.0137	.0710	.1517	.2215	.2581	.2568	.2254	.1774	.1259	.0806
	4	.0014	.0158	.0536	.1107	.1721	.2201	.2428	.2365	.2060	.1611
	5	.0001	.0025	.0132	.0388	.0803	.1321	.1830	.2207	.2360	.2256
	6	.0000	.0003	.0023	.0097	.0268	.0566	.0985	.1471	.1931	.2256
	7	.0000	.0000	.0003	.0017	.0064	.0173	.0379	.0701	.1128	.1611
	8	.0000	.0000	.0000	.0002	.0011	.0037	.0102	.0234	.0462	.0806
	9	.0000	.0000	.0000	.0000	.0001	.0005	.0018	.0052	.0126	.0269
	10	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0007	.0021	.0054
	11	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0005
12	0	.5404	.2824	.1422	.0687	.0317	.0138	.0057	.0022	.0008	.0002
	1	.3413	.3766	.3012	.2062	.1267	.0712	.0368	.0174	.0075	.0029
	2	.0988	.2301	.2924	.2835	.2323	.1678	.1088	.0639	.0339	.0161
	3	.0173	.0852	.1720	.2362	.2581	.2397	.1954	.1419	.0923	.0537
	4	.0021	.0213	.0683	.1329	.1936	.2311	.2367	.2128	.1700	.1208
	5	.0002	.0038	.0193	.0532	.1032	.1585	.2039	.2270	.2225	.1934
	6	.0000	.0005	.0040	.0155	.0401	.0792	.1281	.1766	.2124	.2256
	7	.0000	.0000	.0006	.0033	.0015	.0291	.0591	.1009	.1489	.1934
	8	.0000	.0000	.0001	.0005	.0024	.0078	.0199	.0420	.0762	.1208
	9	.0000	.0000	.0000	.0001	.0004	.0015	.0048	.0125	.0277	.0537
	10	.0000	.0000	.0000	.0000	.0000	.0002	.0008	.0025	.0068	.0161
	11	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0010	.0029
	12	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0002

Table 2 Probability Function of the Binomial Distribution (*Continued*)

<i>n</i>	<i>x</i>	<i>P</i>									
		.05	.10	.15	.20	.25	.30	.35	.40	.45	.50
13	0	.5133	.2542	.1209	.0550	.0238	.0097	.0037	.0013	.0004	.0001
	1	.3512	.3672	.2774	.1787	.1029	.0540	.0259	.0113	.0045	.0016
	2	.1109	.2448	.2937	.2680	.2059	.1388	.0836	.0453	.0220	.0095
	3	.0214	.0997	.1900	.2457	.2517	.2181	.1651	.1107	.0660	.0349
	4	.0028	.0277	.0838	.1535	.2097	.2337	.2222	.1845	.1350	.0873
	5	.0003	.0055	.0266	.0691	.1258	.1803	.2154	.2214	.1989	.1571
	6	.0000	.0008	.0063	.0230	.0559	.1030	.1546	.1968	.2169	.2095
	7	.0000	.0001	.0011	.0058	.0186	.0442	.0833	.1312	.1775	.2095
	8	.0000	.0000	.0001	.0011	.0047	.0142	.0336	.0656	.1089	.1571
	9	.0000	.0000	.0000	.0001	.0009	.0034	.0101	.0243	.0495	.0873
	10	.0000	.0000	.0000	.0000	.0001	.0006	.0022	.0065	.0162	.0349
	11	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0012	.0036	.0095
	12	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0005	.0016
	13	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
14	0	.4877	.2288	.1028	.0440	.0178	.0068	.0024	.0008	.0002	.0001
	1	.3593	.3559	.2539	.1539	.0832	.0407	.0181	.0073	.0027	.0009
	2	.1229	.2570	.2912	.2501	.1802	.1134	.0634	.0317	.0141	.0056
	3	.0259	.1142	.2056	.2501	.2402	.1943	.1366	.0845	.0462	.0222
	4	.0037	.0348	.0998	.1720	.2202	.2290	.2022	.1549	.1040	.0611
	5	.0004	.0078	.0352	.0860	.1468	.1963	.2178	.2066	.1701	.1222
	6	.0000	.0013	.0093	.0322	.0734	.1262	.1759	.2066	.2088	.1833
	7	.0000	.0002	.0019	.0092	.0280	.0618	.1082	.1574	.1952	.2095
	8	.0000	.0000	.0003	.0020	.0082	.0232	.0510	.0918	.1398	.1833
	9	.0000	.0000	.0000	.0003	.0018	.0066	.0183	.0408	.0762	.1222
	10	.0000	.0000	.0000	.0000	.0003	.0014	.0049	.0136	.0312	.0611
	11	.0000	.0000	.0000	.0000	.0000	.0002	.0010	.0033	.0093	.0222
	12	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0005	.0019	.0056
	13	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0002	.0009
	14	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
15	0	.4633	.2059	.0874	.0352	.0134	.0047	.0016	.0005	.0001	.0000
	1	.3658	.3432	.2312	.1319	.0668	.0305	.0126	.0047	.0016	.0005
	2	.1348	.2669	.2856	.2309	.1559	.0916	.0476	.0219	.0090	.0032
	3	.0307	.1285	.2184	.2501	.2252	.1700	.1110	.0634	.0318	.0139
	4	.0049	.0428	.1156	.1876	.2252	.2186	.1792	.1268	.0780	.0417
	5	.0006	.0105	.0449	.1032	.1651	.2061	.2123	.1859	.1404	.0916
	6	.0000	.0019	.0132	.0430	.0917	.1472	.1906	.2066	.1914	.1527
	7	.0000	.0003	.0030	.0138	.0393	.0811	.1319	.1771	.2013	.1964
	8	.0000	.0000	.0005	.0035	.0131	.0348	.0710	.1181	.1647	.1964
	9	.0000	.0000	.0001	.0007	.0034	.0116	.0298	.0612	.1048	.1527
	10	.0000	.0000	.0000	.0001	.0007	.0030	.0096	.0245	.0515	.0916
	11	.0000	.0000	.0000	.0000	.0001	.0006	.0024	.0074	.0191	.0417
	12	.0000	.0000	.0000	.0000	.0000	.0001	.0004	.0016	.0052	.0139
	13	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0010	.0032
	14	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0005
	15	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
16	0	.4401	.1853	.0743	.0281	.0100	.0033	.0010	.0003	.0001	.0000
	1	.3706	.3294	.2097	.1126	.0535	.0228	.0087	.0030	.0009	.0002
	2	.1463	.2745	.2775	.2111	.1336	.0732	.0353	.0150	.0056	.0018

(continued)

Table 2 Probability Function of the Binomial Distribution (*Continued*)

n	x	P									
		.05	.10	.15	.20	.25	.30	.35	.40	.45	.50
17	3	.0359	.1423	.2285	.2463	.2079	.1465	.0888	.0468	.0215	.0085
	4	.0061	.0514	.1311	.2001	.2552	.2040	.1553	.1014	.0572	.0278
	5	.0008	.0137	.0555	.1201	.1802	.2099	.2008	.1623	.1123	.0667
	6	.0001	.0028	.0180	.0550	.1101	.1649	.1982	.1983	.1684	.1222
	7	.0000	.0004	.0045	.0197	.0524	.1010	.1524	.1889	.1969	.1746
	8	.0000	.0001	.0009	.0055	.0197	.0487	.0923	.1417	.1812	.1964
	9	.0000	.0000	.0001	.0012	.0058	.0185	.0442	.0840	.1318	.1746
	10	.0000	.0000	.0000	.0002	.0014	.0056	.0167	.0392	.0755	.1222
	11	.0000	.0000	.0000	.0000	.0002	.0013	.0049	.0142	.0337	.0667
	12	.0000	.0000	.0000	.0000	.0000	.0002	.0011	.0040	.0115	.0278
	13	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0008	.0029	.0085
	14	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0005	.0018
	15	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0002
	16	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	0	.4181	.1668	.0631	.0225	.0075	.0023	.0007	.0002	.0000	.0000
	1	.3741	.3150	.1893	.0957	.0426	.0169	.0060	.0019	.0005	.0001
2	.1575	.2800	.2673	.1914	.1136	.0581	.0260	.0102	.0035	.0010	
3	.0415	.1556	.2359	.2393	.1893	.1245	.0701	.0341	.0144	.0052	
4	.0076	.0605	.1457	.2093	.2209	.1868	.1320	.0796	.0411	.0182	
5	.0010	.0175	.0068	.1361	.1914	.2081	.1849	.1379	.0875	.0472	
6	.0001	.0039	.0236	.0680	.1276	.1784	.1991	.1839	.1432	.0944	
7	.0000	.0007	.0065	.0267	.0668	.1201	.1685	.1927	.1841	.1484	
8	.0000	.0001	.0014	.0084	.0279	.0644	.1134	.1606	.1883	.1855	
9	.0000	.0000	.0003	.0021	.0093	.0276	.0611	.1070	.1540	.1855	
10	.0000	.0000	.0000	.0004	.0025	.0095	.0263	.0571	.1008	.1484	
11	.0000	.0000	.0000	.0001	.0005	.0026	.0090	.0242	.0525	.0944	
12	.0000	.0000	.0000	.0000	.0001	.0006	.0024	.0081	.0215	.0472	
13	.0000	.0000	.0000	.0000	.0000	.0001	.0005	.0021	.0068	.0182	
14	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0004	.0016	.0052	
15	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0010	
16	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	
17	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	
18	0	.3972	.1501	.0536	.0180	.0056	.0016	.0004	.0001	.0000	.0000
	1	.3763	.3002	.1704	.0811	.0338	.0126	.0042	.0012	.0003	.0001
	2	.1683	.2835	.2556	.1723	.0958	.0458	.0190	.0069	.0022	.0006
	3	.0473	.1680	.2406	.2297	.1704	.1046	.0547	.0246	.0095	.0031
	4	.0093	.0700	.1592	.2153	.2130	.1681	.1104	.0614	.0291	.0117
	5	.0014	.0218	.0787	.1507	.1988	.2017	.1664	.1146	.0666	.0327
	6	.0002	.0052	.0301	.0816	.1436	.1873	.1941	.1655	.1181	.0708
	7	.0000	.0010	.0091	.0350	.0820	.1376	.1792	.1892	.1657	.1214
	8	.0000	.0002	.0022	.0120	.0376	.0811	.1327	.1734	.1864	.1669
	9	.0000	.0000	.0004	.0033	.0139	.0386	.0794	.1284	.1694	.1855
	10	.0000	.0000	.0001	.0008	.0042	.0149	.0385	.0771	.1248	.1669
	11	.0000	.0000	.0000	.0001	.0010	.0046	.0151	.0374	.0742	.1214
	12	.0000	.0000	.0000	.0000	.0002	.0012	.0047	.0145	.0354	.0708
	13	.0000	.0000	.0000	.0000	.0000	.0002	.0012	.0044	.0134	.0327
	14	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0011	.0039	.0117
	15	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0009	.0031

Table 2 Probability Function of the Binomial Distribution (*Continued*)

n	x	P									
		.05	.10	.15	.20	.25	.30	.35	.40	.45	.50
19	16	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0006
	17	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	18	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	0	.3774	.1351	.0456	.0144	.0042	.0011	.0003	.0001	.0000	.0000
	1	.3774	.2852	.1529	.0685	.0268	.0093	.0029	.0008	.0002	.0000
	2	.1787	.2852	.2428	.1540	.0803	.0358	.0138	.0046	.0013	.0003
	3	.0533	.1796	.2428	.2182	.1517	.0869	.0422	.0175	.0062	.0018
	4	.0112	.0798	.1714	.2182	.2023	.1419	.0909	.0467	.0203	.0074
	5	.0018	.0266	.0907	.1636	.2023	.1916	.1468	.0933	.0497	.0222
	6	.0002	.0069	.0374	.0955	.1574	.1916	.1844	.1451	.0949	.0518
	7	.0000	.0014	.0122	.0443	.0974	.1525	.1844	.1797	.1443	.0961
	8	.0000	.0002	.0032	.0166	.0487	.0981	.1489	.1797	.1771	.1442
	9	.0000	.0000	.0007	.0051	.0198	.0514	.0980	.1464	.1771	.1762
	10	.0000	.0000	.0001	.0013	.0066	.0220	.0528	.0976	.1449	.1762
	11	.0000	.0000	.0000	.0003	.0018	.0077	.0233	.0532	.0970	.1442
	12	.0000	.0000	.0000	.0000	.0004	.0022	.0083	.0237	.0529	.0961
	13	.0000	.0000	.0000	.0000	.0001	.0005	.0024	.0085	.0233	.0518
	14	.0000	.0000	.0000	.0000	.0000	.0001	.0006	.0024	.0082	.0222
	15	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0005	.0022	.0074
16	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0005	.0018	
17	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0003	
18	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	
19	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	
20	0	.3585	.1216	.0388	.0115	.0032	.0008	.0002	.0000	.0000	.0000
	1	.3774	.2702	.1368	.0576	.0211	.0068	.0020	.0005	.0001	.0000
	2	.1887	.2852	.2293	.1369	.0669	.0278	.0100	.0031	.0008	.0002
	3	.0596	.1901	.2428	.2054	.1339	.0716	.0323	.0123	.0040	.0011
	4	.0133	.0898	.1821	.2182	.1897	.1304	.0738	.0350	.0139	.0046
	5	.0022	.0319	.1028	.1746	.2023	.1789	.1272	.0746	.0365	.0148
	6	.0003	.0089	.0454	.1091	.1686	.1916	.1712	.1244	.0746	.0370
	7	.0000	.0020	.0160	.0545	.1124	.1643	.1844	.1659	.1221	.0739
	8	.0000	.0004	.0046	.0222	.0609	.1144	.1614	.1797	.1623	.1201
	9	.0000	.0001	.0011	.0074	.0271	.0654	.1158	.1597	.1771	.1602
	10	.0000	.0000	.0002	.0020	.0099	.0308	.0686	.1171	.1593	.1762
	11	.0000	.0000	.0000	.0005	.0030	.0120	.0336	.0710	.1185	.1602
	12	.0000	.0000	.0000	.0001	.0008	.0039	.0136	.0355	.0727	.1201
	13	.0000	.0000	.0000	.0000	.0002	.0010	.0045	.0146	.0366	.0739
	14	.0000	.0000	.0000	.0000	.0000	.0002	.0012	.0049	.0150	.0370
	15	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0013	.0049	.0148
	16	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0013	.0046
	17	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0011
	18	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	19	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	20	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

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Table 3 Cumulative Binomial Probabilities

The table shows the probability of x or fewer successes in n independent trials each with probability of success P . For example, the probability of two or less successes in four independent trials, each with probability of success 0.35, is 0.874.

n	x	P									
		.05	.10	.15	.20	.25	.30	.35	.40	.45	.500
2	0	.902	.81	.722	.64	.562	.49	.422	.36	.302	.25
	1	.998	.99	.978	.96	.937	.91	.877	.84	.797	.75
	2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3	0	.857	.729	.614	.512	.422	.343	.275	.216	.166	.125
	1	.993	.972	.939	.896	.844	.784	.718	.648	.575	.500
	2	1.00	.999	.997	.992	.984	.973	.957	.936	.909	.875
	3	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.000
4	0	.815	.656	.522	.41	.316	.24	.179	.13	.092	.062
	1	.986	.948	.89	.819	.738	.652	.563	.475	.391	.312
	2	1.00	.996	.988	.973	.949	.916	.874	.821	.759	.687
	3	1.00	1.00	.999	.998	.996	.992	.985	.974	.959	.937
	4	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.000
5	0	.774	.59	.444	.328	.237	.168	.116	.078	.05	.031
	1	.977	.919	.835	.737	.633	.528	.428	.337	.256	.187
	2	.999	.991	.973	.942	.896	.837	.765	.683	.593	.500
	3	1.00	1.00	.998	.993	.984	.969	.946	.913	.869	.812
	4	1.00	1.00	1.00	1.00	.999	.998	.995	.99	.982	.969
	5	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.000
6	0	.735	.531	.377	.262	.178	.118	.075	.047	.028	.016
	1	.967	.886	.776	.655	.534	.42	.319	.233	.164	.109
	2	.998	.984	.953	.901	.831	.744	.647	.544	.442	.344
	3	1.00	.999	.994	.983	.962	.93	.883	.821	.745	.656
	4	1.00	1.00	1.00	.998	.995	.989	.978	.959	.931	.891
	5	1.00	1.00	1.00	1.00	1.00	.999	.998	.996	.992	.984
	6	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.000
7	0	.698	.478	.321	.21	.133	.082	.049	.028	.015	.008
	1	.956	.85	.717	.577	.445	.329	.234	.159	.102	.062
	2	.996	.974	.926	.852	.756	.647	.532	.42	.316	.227
	3	1.00	.997	.988	.967	.929	.874	.80	.71	.608	.500
	4	1.00	1.00	.999	.995	.987	.971	.944	.904	.847	.773
	5	1.00	1.00	1.00	1.00	.999	.996	.991	.981	.964	.937
	6	1.00	1.00	1.00	1.00	1.00	1.00	.999	.998	.996	.992
	7	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.000
8	0	.663	.43	.272	.168	.10	.058	.032	.017	.008	.004
	1	.943	.813	.657	.503	.367	.255	.169	.106	.063	.035
	2	.994	.962	.895	.797	.679	.552	.428	.315	.22	.145
	3	1.00	.995	.979	.944	.886	.806	.706	.594	.477	.363
	4	1.00	1.00	.997	.99	.973	.942	.894	.826	.74	.637
	5	1.00	1.00	1.00	.999	.996	.989	.975	.95	.912	.855
	6	1.00	1.00	1.00	1.00	1.00	.999	.996	.991	.982	.965
	7	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.999	.998	.996
	8	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.000
9	0	.63	.387	.232	.134	.075	.04	.021	.01	.005	.002
	1	.929	.775	.599	.436	.30	.196	.121	.071	.039	.020
	2	.992	.947	.859	.738	.601	.463	.337	.232	.15	.090

Table 3 Cumulative Binomial Probabilities (*Continued*)

<i>n</i>	<i>x</i>	<i>P</i>								
		.05	.10	.15	.20	.25	.30	.35	.40	.500
10	3	.999	.992	.966	.914	.834	.73	.609	.483	.254
	4	1.00	.999	.994	.98	.951	.901	.828	.733	.500
	5	1.00	1.00	.999	.997	.99	.975	.946	.901	.746
	6	1.00	1.00	1.00	1.00	.999	.996	.989	.975	.910
	7	1.00	1.00	1.00	1.00	1.00	1.00	.999	.996	.991
	8	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.999
	9	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.000
	0	.599	.349	.197	.107	.056	.028	.013	.006	.001
	1	.914	.736	.544	.376	.244	.149	.086	.046	.011
	2	.988	.93	.82	.678	.526	.383	.262	.167	.055
11	3	.999	.987	.95	.879	.776	.65	.514	.382	.266
	4	1.00	.998	.99	.967	.922	.85	.751	.633	.504
	5	1.00	1.00	.999	.994	.98	.953	.905	.834	.738
	6	1.00	1.00	1.00	.999	.996	.989	.974	.945	.898
	7	1.00	1.00	1.00	1.00	1.00	.998	.995	.988	.973
	8	1.00	1.00	1.00	1.00	1.00	1.00	.999	.998	.995
	9	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.999
	10	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.000
	0	.569	.314	.167	.086	.042	.02	.009	.004	.001
	1	.898	.697	.492	.322	.197	.113	.061	.03	.014
12	2	.985	.91	.779	.617	.455	.313	.20	.119	.065
	3	.998	.981	.931	.839	.713	.57	.426	.296	.191
	4	1.00	.997	.984	.95	.885	.79	.668	.533	.397
	5	1.00	1.00	.997	.988	.966	.922	.851	.753	.633
	6	1.00	1.00	1.00	.998	.992	.978	.95	.901	.826
	7	1.00	1.00	1.00	1.00	.999	.996	.988	.971	.939
	8	1.00	1.00	1.00	1.00	1.00	.999	.998	.994	.985
	9	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.999	.998
	10	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.000
	11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.000
13	0	.54	.282	.142	.069	.032	.014	.006	.002	.001
	1	.882	.659	.443	.275	.158	.085	.042	.02	.008
	2	.98	.889	.736	.558	.391	.253	.151	.083	.042
	3	.998	.974	.908	.795	.649	.493	.347	.225	.134
	4	1.00	.996	.976	.927	.842	.724	.583	.438	.304
	5	1.00	.999	.995	.981	.946	.882	.787	.665	.527
	6	1.00	1.00	.999	.996	.986	.961	.915	.842	.739
	7	1.00	1.00	1.00	.999	.997	.991	.974	.943	.888
	8	1.00	1.00	1.00	1.00	1.00	.998	.994	.985	.964
	9	1.00	1.00	1.00	1.00	1.00	1.00	.999	.997	.992
13	10	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.999
	11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.000
	12	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.000
	0	.513	.254	.121	.055	.024	.01	.004	.001	.00
	1	.865	.621	.398	.234	.127	.064	.03	.013	.005
13	2	.975	.866	.692	.502	.333	.202	.113	.058	.027
	3	.997	.966	.882	.747	.584	.421	.278	.169	.093
	4	1.00	.994	.966	.901	.794	.654	.501	.353	.228

(continued)

Table 3 Cumulative Binomial Probabilities (*Continued*)

<i>n</i>	<i>x</i>	<i>P</i>								
		.05	.10	.15	.20	.25	.30	.35	.40	.500
14	5	1.00	.999	.992	.97	.92	.835	.716	.574	.291
	6	1.00	1.00	.999	.993	.976	.938	.871	.771	.50
	7	1.00	1.00	1.00	.999	.994	.982	.954	.902	.709
	8	1.00	1.00	1.00	1.00	.999	.996	.987	.968	.867
	9	1.00	1.00	1.00	1.00	1.00	.999	.997	.992	.954
	10	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.999	.989
	11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.998
	12	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.000
	0	.488	.229	.103	.044	.018	.007	.002	.001	.000
	1	.847	.585	.357	.198	.101	.047	.021	.008	.001
	2	.97	.842	.648	.448	.281	.161	.084	.04	.006
	3	.996	.956	.853	.698	.521	.355	.22	.124	.029
	4	1.00	.991	.953	.87	.742	.584	.423	.279	.090
15	5	1.00	.999	.988	.956	.888	.781	.641	.486	.212
	6	1.00	1.00	.998	.988	.962	.907	.816	.692	.395
	7	1.00	1.00	1.00	.998	.99	.969	.925	.85	.741
	8	1.00	1.00	1.00	1.00	.998	.992	.976	.942	.881
	9	1.00	1.00	1.00	1.00	1.00	.998	.994	.982	.957
	10	1.00	1.00	1.00	1.00	1.00	1.00	.999	.996	.989
	11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.999	.998
	12	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.999
	13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.000
	0	.463	.206	.087	.035	.013	.005	.002	.00	.000
	1	.829	.549	.319	.167	.08	.035	.014	.005	.000
	2	.964	.816	.604	.398	.236	.127	.062	.027	.011
	3	.995	.944	.823	.648	.461	.297	.173	.091	.042
16	4	.999	.987	.938	.836	.686	.515	.352	.217	.12
	5	1.00	.998	.983	.939	.852	.722	.564	.403	.261
	6	1.00	1.00	.996	.982	.943	.869	.755	.61	.452
	7	1.00	1.00	.999	.996	.983	.95	.887	.787	.654
	8	1.00	1.00	1.00	.999	.996	.985	.958	.905	.818
	9	1.00	1.00	1.00	1.00	.999	.996	.988	.966	.923
	10	1.00	1.00	1.00	1.00	1.00	.999	.997	.991	.975
	11	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.998	.994
	12	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.999
	13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.000
	0	.44	.185	.074	.028	.01	.003	.001	.00	.000
	1	.811	.515	.284	.141	.063	.026	.01	.003	.001
	2	.957	.789	.561	.352	.197	.099	.045	.018	.007
	3	.993	.932	.79	.598	.405	.246	.134	.065	.028
	4	.999	.983	.921	.798	.63	.45	.289	.167	.085
	5	1.00	.997	.976	.918	.81	.66	.49	.329	.198
	6	1.00	.999	.994	.973	.92	.825	.688	.527	.366
	7	1.00	1.00	.999	.993	.973	.926	.841	.716	.563
	8	1.00	1.00	1.00	.999	.993	.974	.933	.858	.744
	9	1.00	1.00	1.00	1.00	.998	.993	.977	.942	.876
	10	1.00	1.00	1.00	1.00	1.00	.998	.994	.981	.951
	11	1.00	1.00	1.00	1.00	1.00	1.00	.999	.995	.985

Table 3 Cumulative Binomial Probabilities (*Continued*)

n	x	P									
		.05	.10	.15	.20	.25	.30	.35	.40	.45	.500
17	12	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.999	.997	.989
	13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.999	.998
	14	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.000
	0	.418	.167	.063	.023	.008	.002	.001	.00	.00	.000
	1	.792	.482	.252	.118	.05	.019	.007	.002	.001	.000
	2	.95	.762	.52	.31	.164	.077	.033	.012	.004	.001
	3	.991	.917	.756	.549	.353	.202	.103	.046	.018	.006
	4	.999	.978	.901	.758	.574	.389	.235	.126	.06	.025
	5	1.00	.995	.968	.894	.765	.597	.42	.264	.147	.072
	6	1.00	.999	.992	.962	.893	.775	.619	.448	.29	.166
	7	1.00	1.00	.998	.989	.96	.895	.787	.641	.474	.315
	8	1.00	1.00	1.00	.997	.988	.96	.901	.801	.663	.500
	9	1.00	1.00	1.00	1.00	.997	.987	.962	.908	.817	.685
	10	1.00	1.00	1.00	1.00	.999	.997	.988	.965	.917	.834
	11	1.00	1.00	1.00	1.00	1.00	.999	.997	.989	.97	.928
18	12	1.00	1.00	1.00	1.00	1.00	1.00	.999	.997	.991	.975
	13	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.998	.994
	14	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.999
	15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	0	.397	.15	.054	.018	.006	.002	.00	.00	.00	.000
	1	.774	.45	.224	.099	.039	.014	.005	.001	.00	.000
	2	.942	.734	.48	.271	.135	.06	.024	.008	.003	.001
	3	.989	.902	.72	.501	.306	.165	.078	.033	.012	.004
	4	.998	.972	.879	.716	.519	.333	.189	.094	.041	.015
	5	1.00	.994	.958	.867	.717	.534	.355	.209	.108	.048
	6	1.00	.999	.988	.949	.861	.722	.549	.374	.226	.119
	7	1.00	1.00	.997	.984	.943	.859	.728	.563	.391	.240
	8	1.00	1.00	.999	.996	.981	.94	.861	.737	.578	.407
	9	1.00	1.00	1.00	.999	.995	.979	.94	.865	.747	.593
	19	10	1.00	1.00	1.00	1.00	.999	.994	.979	.942	.872
11		1.00	1.00	1.00	1.00	1.00	.999	.994	.98	.946	.881
12		1.00	1.00	1.00	1.00	1.00	1.00	.999	.994	.982	.952
13		1.00	1.00	1.00	1.00	1.00	1.00	1.00	.999	.995	.985
14		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.999	.996
15		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.999
16		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.000
0		.377	.135	.046	.014	.004	.001	.00	.00	.00	.000
1		.755	.42	.198	.083	.031	.01	.003	.001	.00	.000
2		.933	.705	.441	.237	.111	.046	.017	.005	.002	.000
3		.987	.885	.684	.455	.263	.133	.059	.023	.008	.002
4		.998	.965	.856	.673	.465	.282	.15	.07	.028	.010
5		1.00	.991	.946	.837	.668	.474	.297	.163	.078	.032
6		1.00	.998	.984	.932	.825	.666	.481	.308	.173	.084
7		1.00	1.00	.996	.977	.923	.818	.666	.488	.317	.180
8	1.00	1.00	.999	.993	.971	.916	.815	.667	.494	.324	
9	1.00	1.00	1.00	.998	.991	.967	.913	.814	.671	.500	
10	1.00	1.00	1.00	1.00	.998	.989	.965	.912	.816	.676	
11	1.00	1.00	1.00	1.00	1.00	.997	.989	.965	.913	.820	

(continued)

Table 3 Cumulative Binomial Probabilities (*Continued*)

n	x	P									
		.05	.10	.15	.20	.25	.30	.35	.40	.45	.500
20	12	1.00	1.00	1.00	1.00	1.00	.999	.997	.988	.966	.916
	13	1.00	1.00	1.00	1.00	1.00	1.00	.999	.997	.989	.968
	14	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.999	.997	.990
	15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.999	.998
	16	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.000
	0	.358	.122	.039	.012	.003	.001	.00	.00	.00	.000
	1	.736	.392	.176	.069	.024	.008	.002	.001	.00	.000
	2	.925	.677	.405	.206	.091	.035	.012	.004	.001	.000
	3	.984	.867	.648	.411	.225	.107	.044	.016	.005	.001
	4	.997	.957	.83	.63	.415	.238	.118	.051	.019	.006
	5	1.00	.989	.933	.804	.617	.416	.245	.126	.055	.021
	6	1.00	.998	.978	.913	.786	.608	.417	.25	.13	.058
	7	1.00	1.00	.994	.968	.898	.772	.601	.416	.252	.132
	8	1.00	1.00	.999	.99	.959	.887	.762	.596	.414	.252
	9	1.00	1.00	1.00	.997	.986	.952	.878	.755	.591	.412
	10	1.00	1.00	1.00	.999	.996	.983	.947	.872	.751	.588
	11	1.00	1.00	1.00	1.00	.999	.995	.98	.943	.869	.748
	12	1.00	1.00	1.00	1.00	1.00	.999	.994	.979	.942	.868
	13	1.00	1.00	1.00	1.00	1.00	1.00	.998	.994	.979	.942
	14	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.998	.994	.979
	15	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.998	.994
	16	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	.999
	17	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.000

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Table 4 Values of $e^{-\lambda}$

λ	$e^{-\lambda}$	λ	$e^{-\lambda}$	λ	$e^{-\lambda}$	λ	$e^{-\lambda}$
0.00	1.000000	2.60	.074274	5.10	.006097	7.60	.000501
0.10	.904837	2.70	.067206	5.20	.005517	7.70	.000453
0.20	.818731	2.80	.060810	5.30	.004992	7.80	.000410
0.30	.740818	2.90	.055023	5.40	.004517	7.90	.000371
0.40	.670320	3.00	.049787	5.50	.004087	8.00	.000336
0.50	.606531	3.10	.045049	5.60	.003698	8.10	.000304
0.60	.548812	3.20	.040762	5.70	.003346	8.20	.000275
0.70	.496585	3.30	.036883	5.80	.003028	8.30	.000249
0.80	.449329	3.40	.033373	5.90	.002739	8.40	.000225
0.90	.406570	3.50	.030197	6.00	.002479	8.50	.000204
1.00	.367879	3.60	.027324	6.10	.002243	8.60	.000184
1.10	.332871	3.70	.024724	6.20	.002029	8.70	.000167
1.20	.301194	3.80	.022371	6.30	.001836	8.80	.000151
1.30	.272532	3.90	.020242	6.40	.001661	8.90	.000136
1.40	.246597	4.00	.018316	6.50	.001503	9.00	.000123
1.50	.223130	4.10	.016573	6.60	.001360	9.10	.000112
1.60	.201897	4.20	.014996	6.70	.001231	9.20	.000101
1.70	.182684	4.30	.013569	6.80	.001114	9.30	.000091
1.80	.165299	4.40	.012277	6.90	.001008	9.40	.000083
1.90	.149569	4.50	.011109	7.00	.000912	9.50	.000075
2.00	.135335	4.60	.010052	7.10	.000825	9.60	.000068
2.10	.122456	4.70	.009095	7.20	.000747	9.70	.000061
2.20	.110803	4.80	.008230	7.30	.000676	9.80	.000056
2.30	.100259	4.90	.007447	7.40	.000611	9.90	.000050
2.40	.090718	5.00	.006738	7.50	.000553	10.00	.000045
2.50	.082085						

Table 5 Individual Poisson Probabilities

MEAN ARRIVAL RATE λ										
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0	.9048	.8187	.7408	.6703	.6065	.5488	.4966	.4493	.4066	.3679
1	.0905	.1637	.2222	.2681	.3033	.3293	.3476	.3595	.3659	.3679
2	.0045	.0164	.0333	.0536	.0758	.0988	.1217	.1438	.1647	.1839
3	.0002	.0011	.0033	.0072	.0126	.0198	.0284	.0383	.0494	.0613
4	.0	.0001	.0003	.0007	.0016	.0030	.0050	.0077	.0111	.0153
5	.0	.0	.0	.0001	.0002	.0004	.0007	.0012	.0020	.0031
6	.0	.0	.0	.0	.0	.0	.0001	.0002	.0003	.0005
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0001

MEAN ARRIVAL RATE λ										
	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
0	.3329	.3012	.2725	.2466	.2231	.2019	.1827	.1653	.1496	.1353
1	.3662	.3614	.3543	.3452	.3347	.3230	.3106	.2975	.2842	.2707
2	.2014	.2169	.2303	.2417	.2510	.2584	.2640	.2678	.2700	.2707
3	.0738	.0867	.0998	.1128	.1255	.1378	.1496	.1607	.1710	.1804
4	.0203	.0260	.0324	.0395	.0471	.0551	.0636	.0723	.0812	.0902
5	.0045	.0062	.0084	.0111	.0141	.0176	.0216	.0260	.0309	.0361
6	.0008	.0012	.0018	.0026	.0035	.0047	.0061	.0078	.0098	.0120
7	.0001	.0002	.0003	.0005	.0008	.0011	.0015	.0020	.0027	.0034
8	.0	.0	.0001	.0001	.0001	.0002	.0003	.0005	.0006	.0009
9	.0	.0	.0	.0	.0	.0	.0001	.0001	.0001	.0002

MEAN ARRIVAL RATE λ										
	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0
0	.1225	.1108	.1003	.0907	.0821	.0743	.0672	.0608	.0550	.0498
1	.2572	.2438	.2306	.2177	.2052	.1931	.1815	.1703	.1596	.1494
2	.2700	.2681	.2652	.2613	.2565	.2510	.2450	.2384	.2314	.2240
3	.1890	.1966	.2033	.2090	.2138	.2176	.2205	.2225	.2237	.2240
4	.0992	.1082	.1169	.1254	.1336	.1414	.1488	.1557	.1622	.1680
5	.0417	.0476	.0538	.0602	.0668	.0735	.0804	.0872	.0940	.1008
6	.0146	.0174	.0206	.0241	.0278	.0319	.0362	.0407	.0455	.0504
7	.0044	.0055	.0068	.0083	.0099	.0118	.0139	.0163	.0188	.0216
8	.0011	.0015	.0019	.0025	.0031	.0038	.0047	.0057	.0068	.0081
9	.0003	.0004	.0005	.0007	.0009	.0011	.0014	.0018	.0022	.0027
10	.0001	.0001	.0001	.0002	.0002	.0003	.0004	.0005	.0006	.0008
11	.0	.0	.0	.0	.0	.0001	.0001	.0001	.0002	.0002
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0001

MEAN ARRIVAL RATE λ										
	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0
0	.0450	.0408	.0369	.0334	.0302	.0273	.0247	.0224	.0202	.0183
1	.1397	.1304	.1217	.1135	.1057	.0984	.0915	.0850	.0789	.0733
2	.2165	.2087	.2008	.1929	.1850	.1771	.1692	.1615	.1539	.1465
3	.2237	.2226	.2209	.2186	.2158	.2125	.2087	.2046	.2001	.1954
4	.1733	.1781	.1823	.1858	.1888	.1912	.1931	.1944	.1951	.1954
5	.1075	.1140	.1203	.1264	.1322	.1377	.1429	.1477	.1522	.1563
6	.0555	.0608	.0662	.0716	.0771	.0826	.0881	.0936	.0989	.1042
7	.0246	.0278	.0312	.0348	.0385	.0425	.0466	.0508	.0551	.0595

Table 5 Individual Poisson Probabilities (*Continued*)

MEAN ARRIVAL RATE λ										
	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0
8	.0095	.0111	.0129	.0148	.0169	.0191	.0215	.0241	.0269	.0298
9	.0033	.0040	.0047	.0056	.0066	.0076	.0089	.0102	.0116	.0132
10	.0010	.0013	.0016	.0019	.0023	.0028	.0033	.0039	.0045	.0053
11	.0003	.0004	.0005	.0006	.0007	.0009	.0011	.0013	.0016	.0019
12	.0001	.0001	.0001	.0002	.0002	.0003	.0003	.0004	.0005	.0006
13	.0	.0	.0	.0	.0001	.0001	.0001	.0001	.0002	.0002
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0001

MEAN ARRIVAL RATE λ										
	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0
0	.0166	.0150	.0136	.0123	.0111	.0101	.0091	.0082	.0074	.0067
1	.0679	.0630	.0583	.0540	.0500	.0462	.0427	.0395	.0365	.0337
2	.1393	.1323	.1254	.1188	.1125	.1063	.1005	.0948	.0894	.0842
3	.1904	.1852	.1798	.1743	.1687	.1631	.1574	.1517	.1460	.1404
4	.1951	.1944	.1933	.1917	.1898	.1875	.1849	.1820	.1789	.1755
5	.1600	.1633	.1662	.1687	.1708	.1725	.1738	.1747	.1753	.1755
6	.1093	.1143	.1191	.1237	.1281	.1323	.1362	.1398	.1432	.1462
7	.0640	.0686	.0732	.0778	.0824	.0869	.0914	.0959	.1002	.1044
8	.0328	.0360	.0393	.0428	.0463	.0500	.0537	.0575	.0614	.0653
9	.0150	.0168	.0188	.0209	.0232	.0255	.0281	.0307	.0334	.0363
10	.0061	.0071	.0081	.0092	.0104	.0118	.0132	.0147	.0164	.0181
11	.0023	.0027	.0032	.0037	.0043	.0049	.0056	.0064	.0073	.0082
12	.0008	.0009	.0011	.0013	.0016	.0019	.0022	.0026	.0030	.0034
13	.0002	.0003	.0004	.0005	.0006	.0007	.0008	.0009	.0011	.0013
14	.0001	.0001	.0001	.0001	.0002	.0002	.0003	.0003	.0004	.0005

MEAN ARRIVAL RATE λ										
	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0
0	.0061	.0055	.0050	.0045	.0041	.0037	.0033	.0030	.0027	.0025
1	.0311	.0287	.0265	.0244	.0225	.0207	.0191	.0176	.0162	.0149
2	.0793	.0746	.0701	.0659	.0618	.0580	.0544	.0509	.0477	.0446
3	.1348	.1293	.1239	.1185	.1133	.1082	.1033	.0985	.0938	.0892
4	.1719	.1681	.1641	.1600	.1558	.1515	.1472	.1428	.1383	.1339
5	.1753	.1748	.1740	.1728	.1714	.1697	.1678	.1656	.1632	.1606
6	.1490	.1515	.1537	.1555	.1571	.1584	.1594	.1601	.1605	.1606
7	.1086	.1125	.1163	.1200	.1234	.1267	.1298	.1326	.1353	.1377
8	.0692	.0731	.0771	.0810	.0849	.0887	.0925	.0962	.0998	.1033
9	.0392	.0423	.0454	.0486	.0519	.0552	.0586	.0620	.0654	.0688
10	.0200	.0220	.0241	.0262	.0285	.0309	.0334	.0359	.0386	.0413
11	.0093	.0104	.0116	.0129	.0143	.0157	.0173	.0190	.0207	.0225
12	.0039	.0045	.0051	.0058	.0065	.0073	.0082	.0092	.0102	.0113
13	.0015	.0018	.0021	.0024	.0028	.0032	.0036	.0041	.0046	.0052
14	.0006	.0007	.0008	.0009	.0011	.0013	.0015	.0017	.0019	.0022

MEAN ARRIVAL RATE λ										
	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0
0	.0022	.0020	.0018	.0017	.0015	.0014	.0012	.0011	.0010	.0009
1	.0137	.0126	.0116	.0106	.0098	.0090	.0082	.0076	.0070	.0064
2	.0417	.0390	.0364	.0340	.0318	.0296	.0276	.0258	.0240	.0223

(continued)

Table 5 Individual Poisson Probabilities (*Continued*)

MEAN ARRIVAL RATE λ										
	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0
3	.0848	.0806	.0765	.0726	.0688	.0652	.0617	.0584	.0552	.0521
4	.1294	.1249	.1205	.1162	.1118	.1076	.1034	.0992	.0952	.0912
5	.1579	.1549	.1519	.1487	.1454	.1420	.1385	.1349	.1314	.1277
6	.1605	.1601	.1595	.1586	.1575	.1562	.1546	.1529	.1511	.1490
7	.1399	.1418	.1435	.1450	.1462	.1472	.1480	.1486	.1489	.1490
8	.1066	.1099	.1130	.1160	.1188	.1215	.1240	.1263	.1284	.1304
9	.0723	.0757	.0791	.0825	.0858	.0891	.0923	.0954	.0985	.1014
10	.0441	.0469	.0498	.0528	.0558	.0588	.0618	.0649	.0679	.0710
11	.0244	.0265	.0285	.0307	.0330	.0353	.0377	.0401	.0426	.0452
12	.0124	.0137	.0150	.0164	.0179	.0194	.0210	.0227	.0245	.0263
13	.0058	.0065	.0073	.0081	.0089	.0099	.0108	.0119	.0130	.0142
14	.0025	.0029	.0033	.0037	.0041	.0046	.0052	.0058	.0064	.0071

MEAN ARRIVAL RATE λ										
	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0
0	.0008	.0007	.0007	.0006	.0006	.0005	.0005	.0004	.0004	.0003
1	.0059	.0054	.0049	.0045	.0041	.0038	.0035	.0032	.0029	.0027
2	.0208	.0194	.0180	.0167	.0156	.0145	.0134	.0125	.0116	.0107
3	.0492	.0464	.0438	.0413	.0389	.0366	.0345	.0324	.0305	.0286
4	.0874	.0836	.0799	.0764	.0729	.0696	.0663	.0632	.0602	.0573
5	.1241	.1204	.1167	.1130	.1094	.1057	.1021	.0986	.0951	.0916
6	.1468	.1445	.1420	.1394	.1367	.1339	.1311	.1282	.1252	.1221
7	.1489	.1486	.1481	.1474	.1465	.1454	.1442	.1428	.1413	.1396
8	.1321	.1337	.1351	.1363	.1373	.1381	.1388	.1392	.1395	.1396
9	.1042	.1070	.1096	.1121	.1144	.1167	.1187	.1207	.1224	.1241
10	.0740	.0770	.08	.0829	.0858	.0887	.0914	.0941	.0967	.0993
11	.0478	.0504	.0531	.0558	.0585	.0613	.0640	.0667	.0695	.0722
12	.0283	.0303	.0323	.0344	.0366	.0388	.0411	.0434	.0457	.0481
13	.0154	.0168	.0181	.0196	.0211	.0227	.0243	.0260	.0278	.0296
14	.0078	.0086	.0095	.0104	.0113	.0123	.0134	.0145	.0157	.0169
15	.0037	.0041	.0046	.0051	.0057	.0062	.0069	.0075	.0083	.0090
16	.0016	.0019	.0021	.0024	.0026	.0030	.0033	.0037	.0041	.0045
17	.0007	.0008	.0009	.0010	.0012	.0013	.0015	.0017	.0019	.0021
18	.0003	.0003	.0004	.0004	.0005	.0006	.0006	.0007	.0008	.0009
19	.0001	.0001	.0001	.0002	.0002	.0002	.0003	.0003	.0003	.0004

MEAN ARRIVAL RATE λ										
	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0
0	.0003	.0003	.0002	.0002	.0002	.0002	.0002	.0002	.0001	.0001
1	.0025	.0023	.0021	.0019	.0017	.0016	.0014	.0013	.0012	.0011
2	.01	.0092	.0086	.0079	.0074	.0068	.0063	.0058	.0054	.0050
3	.0269	.0252	.0237	.0222	.0208	.0195	.0183	.0171	.0160	.0150
4	.0544	.0517	.0491	.0466	.0443	.0420	.0398	.0377	.0357	.0337
5	.0882	.0849	.0816	.0784	.0752	.0722	.0692	.0663	.0635	.0607
6	.1191	.1160	.1128	.1097	.1066	.1034	.1003	.0972	.0941	.0911
7	.1378	.1358	.1338	.1317	.1294	.1271	.1247	.1222	.1197	.1171
8	.1395	.1392	.1388	.1382	.1375	.1366	.1356	.1344	.1332	.1318
9	.1256	.1269	.1280	.1290	.1299	.1306	.1311	.1315	.1317	.1318
10	.1017	.1040	.1063	.1084	.1104	.1123	.1140	.1157	.1172	.1186
11	.0749	.0776	.0802	.0828	.0853	.0878	.0902	.0925	.0948	.0970

Table 5 Individual Poisson Probabilities (*Continued*)

MEAN ARRIVAL RATE λ										
	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0
12	.0505	.0530	.0555	.0579	.0604	.0629	.0654	.0679	.0703	.0728
13	.0315	.0334	.0354	.0374	.0395	.0416	.0438	.0459	.0481	.0504
14	.0182	.0196	.0210	.0225	.0240	.0256	.0272	.0289	.0306	.0324
15	.0098	.0107	.0116	.0126	.0136	.0147	.0158	.0169	.0182	.0194
16	.0050	.0055	.0060	.0066	.0072	.0079	.0086	.0093	.0101	.0109
17	.0024	.0026	.0029	.0033	.0036	.0040	.0044	.0048	.0053	.0058
18	.0011	.0012	.0014	.0015	.0017	.0019	.0021	.0024	.0026	.0029
19	.0005	.0005	.0006	.0007	.0008	.0009	.0010	.0011	.0012	.0014

MEAN ARRIVAL RATE λ										
	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0
0	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0000
1	.0010	.0009	.0009	.0008	.0007	.0007	.0006	.0005	.0005	.0005
2	.0046	.0043	.0040	.0037	.0034	.0031	.0029	.0027	.0025	.0023
3	.0140	.0131	.0123	.0115	.0107	.01	.0093	.0087	.0081	.0076
4	.0319	.0302	.0285	.0269	.0254	.0240	.0226	.0213	.0201	.0189
5	.0581	.0555	.0530	.0506	.0483	.0460	.0439	.0418	.0398	.0378
6	.0881	.0851	.0822	.0793	.0764	.0736	.0709	.0682	.0656	.0631
7	.1145	.1118	.1091	.1064	.1037	.1010	.0982	.0955	.0928	.0901
8	.1302	.1286	.1269	.1251	.1232	.1212	.1191	.1170	.1148	.1126
9	.1317	.1315	.1311	.1306	.13	.1293	.1284	.1274	.1263	.1251
10	.1198	.1210	.1219	.1228	.1235	.1241	.1245	.1249	.1250	.1251
11	.0991	.1012	.1031	.1049	.1067	.1083	.1098	.1112	.1125	.1137
12	.0752	.0776	.0799	.0822	.0844	.0866	.0888	.0908	.0928	.0948
13	.0526	.0549	.0572	.0594	.0617	.0640	.0662	.0685	.0707	.0729
14	.0342	.0361	.0380	.0399	.0419	.0439	.0459	.0479	.05	.0521
15	.0208	.0221	.0235	.0250	.0265	.0281	.0297	.0313	.0330	.0347
16	.0118	.0127	.0137	.0147	.0157	.0168	.0180	.0192	.0204	.0217
17	.0063	.0069	.0075	.0081	.0088	.0095	.0103	.0111	.0119	.0128
18	.0032	.0035	.0039	.0042	.0046	.0051	.0055	.0060	.0065	.0071
19	.0015	.0017	.0019	.0021	.0023	.0026	.0028	.0031	.0034	.0037

MEAN ARRIVAL RATE λ										
	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	11.0
0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0000
1	.0004	.0004	.0003	.0003	.0003	.0003	.0002	.0002	.0002	.0002
2	.0021	.0019	.0018	.0016	.0015	.0014	.0013	.0012	.0011	.0010
3	.0071	.0066	.0061	.0057	.0053	.0049	.0046	.0043	.0040	.0037
4	.0178	.0168	.0158	.0148	.0139	.0131	.0123	.0116	.0109	.0102
5	.0360	.0342	.0325	.0309	.0293	.0278	.0264	.0250	.0237	.0224
6	.0606	.0581	.0558	.0535	.0513	.0491	.0470	.0450	.0430	.0411
7	.0874	.0847	.0821	.0795	.0769	.0743	.0718	.0694	.0669	.0646
8	.1103	.1080	.1057	.1033	.1009	.0985	.0961	.0936	.0912	.0888
9	.1238	.1224	.1209	.1194	.1177	.1160	.1142	.1124	.1105	.1085
10	.1250	.1249	.1246	.1241	.1236	.1230	.1222	.1214	.1204	.1194
11	.1148	.1158	.1166	.1174	.1180	.1185	.1189	.1192	.1193	.1194
12	.0966	.0984	.1001	.1017	.1032	.1047	.1060	.1072	.1084	.1094
13	.0751	.0772	.0793	.0814	.0834	.0853	.0872	.0891	.0909	.0926
14	.0542	.0563	.0584	.0604	.0625	.0646	.0667	.0687	.0708	.0728

(continued)

Table 5 Individual Poisson Probabilities (*Continued*)

MEAN ARRIVAL RATE λ										
	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	11.0
15	.0365	.0383	.0401	.0419	.0438	.0457	.0476	.0495	.0514	.0534
16	.0230	.0244	.0258	.0272	.0287	.0303	.0318	.0334	.0350	.0367
17	.0137	.0146	.0156	.0167	.0177	.0189	.0200	.0212	.0225	.0237
18	.0077	.0083	.0089	.0096	.0104	.0111	.0119	.0127	.0136	.0145
19	.0041	.0045	.0048	.0053	.0057	.0062	.0067	.0072	.0078	.0084
20	.0021	.0023	.0025	.0027	.0030	.0033	.0036	.0039	.0043	.0046

MEAN ARRIVAL RATE λ										
	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	12.0
0	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
1	.0002	.0002	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001
2	.0009	.0009	.0008	.0007	.0007	.0006	.0006	.0005	.0005	.0004
3	.0034	.0032	.0030	.0028	.0026	.0024	.0022	.0021	.0019	.0018
4	.0096	.0090	.0084	.0079	.0074	.0069	.0065	.0061	.0057	.0053
5	.0212	.0201	.0190	.0180	.0170	.0160	.0152	.0143	.0135	.0127
6	.0393	.0375	.0358	.0341	.0325	.0310	.0295	.0281	.0268	.0255
7	.0623	.0600	.0578	.0556	.0535	.0514	.0494	.0474	.0455	.0437
8	.0864	.0840	.0816	.0792	.0769	.0745	.0722	.0700	.0677	.0655
9	.1065	.1045	.1024	.1003	.0982	.0961	.0939	.0917	.0895	.0874
10	.1182	.1170	.1157	.1144	.1129	.1114	.1099	.1082	.1066	.1048
11	.1193	.1192	.1189	.1185	.1181	.1175	.1169	.1161	.1153	.1144
12	.1104	.1112	.1120	.1126	.1131	.1136	.1139	.1142	.1143	.1144
13	.0942	.0958	.0973	.0987	.1001	.1014	.1025	.1036	.1046	.1056
14	.0747	.0767	.0786	.0804	.0822	.0840	.0857	.0874	.0889	.0905
15	.0553	.0572	.0592	.0611	.0630	.0649	.0668	.0687	.0706	.0724
16	.0384	.0401	.0418	.0435	.0453	.0471	.0489	.0507	.0525	.0543
17	.0250	.0264	.0278	.0292	.0306	.0321	.0336	.0352	.0367	.0383
18	.0154	.0164	.0174	.0185	.0196	.0207	.0219	.0231	.0243	.0255
19	.0090	.0097	.0104	.0111	.0119	.0126	.0135	.0143	.0152	.0161
20	.0050	.0054	.0059	.0063	.0068	.0073	.0079	.0084	.0091	.0097

MEAN ARRIVAL RATE λ										
	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	13.0
4	.0050	.0046	.0043	.0041	.0038	.0035	.0033	.0031	.0029	.0027
5	.0120	.0113	.0107	.0101	.0095	.0089	.0084	.0079	.0074	.0070
6	.0242	.0230	.0219	.0208	.0197	.0187	.0178	.0169	.0160	.0152
7	.0419	.0402	.0385	.0368	.0353	.0337	.0323	.0308	.0295	.0281
8	.0634	.0612	.0591	.0571	.0551	.0531	.0512	.0493	.0475	.0457
9	.0852	.0830	.0808	.0787	.0765	.0744	.0723	.0702	.0681	.0661
10	.1031	.1013	.0994	.0975	.0956	.0937	.0918	.0898	.0878	.0859
11	.1134	.1123	.1112	.1100	.1087	.1074	.1060	.1045	.1030	.1015
12	.1143	.1142	.1139	.1136	.1132	.1127	.1121	.1115	.1107	.1099
13	.1064	.1072	.1078	.1084	.1089	.1093	.1096	.1098	.1099	.1099
14	.0920	.0934	.0947	.0960	.0972	.0983	.0994	.1004	.1013	.1021
15	.0742	.0759	.0777	.0794	.0810	.0826	.0841	.0856	.0871	.0885
16	.0561	.0579	.0597	.0615	.0633	.0650	.0668	.0685	.0702	.0719
17	.0399	.0416	.0432	.0449	.0465	.0482	.0499	.0516	.0533	.0550
18	.0268	.0282	.0295	.0309	.0323	.0337	.0352	.0367	.0382	.0397
19	.0171	.0181	.0191	.0202	.0213	.0224	.0235	.0247	.0259	.0272
20	.0103	.0110	.0118	.0125	.0133	.0141	.0149	.0158	.0167	.0177

Table 5 Individual Poisson Probabilities (*Continued*)

MEAN ARRIVAL RATE λ										
	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	14.0
5	.0066	.0062	.0058	.0055	.0051	.0048	.0045	.0042	.0040	.0037
6	.0144	.0136	.0129	.0122	.0115	.0109	.0103	.0097	.0092	.0087
7	.0269	.0256	.0245	.0233	.0222	.0212	.0202	.0192	.0183	.0174
8	.0440	.0423	.0407	.0391	.0375	.0360	.0345	.0331	.0318	.0304
9	.0640	.0620	.0601	.0582	.0563	.0544	.0526	.0508	.0491	.0473
10	.0839	.0819	.0799	.0779	.0760	.0740	.0720	.0701	.0682	.0663
11	.0999	.0983	.0966	.0949	.0932	.0915	.0897	.0880	.0862	.0844
12	.1091	.1081	.1071	.1060	.1049	.1037	.1024	.1011	.0998	.0984
13	.1099	.1098	.1096	.1093	.1089	.1085	.1080	.1074	.1067	.1060
14	.1028	.1035	.1041	.1046	.1050	.1054	.1056	.1058	.1060	.1060
15	.0898	.0911	.0923	.0934	.0945	.0955	.0965	.0974	.0982	.0989
16	.0735	.0751	.0767	.0783	.0798	.0812	.0826	.0840	.0853	.0866
17	.0567	.0583	.0600	.0617	.0633	.0650	.0666	.0682	.0697	.0713
18	.0412	.0428	.0443	.0459	.0475	.0491	.0507	.0523	.0539	.0554
19	.0284	.0297	.0310	.0324	.0337	.0351	.0365	.0380	.0394	.0409
20	.0186	.0196	.0206	.0217	.0228	.0239	.0250	.0262	.0274	.0286

MEAN ARRIVAL RATE λ										
	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	15.0
6	.0082	.0078	.0073	.0069	.0065	.0061	.0058	.0055	.0051	.0048
7	.0165	.0157	.0149	.0142	.0135	.0128	.0122	.0115	.0109	.0104
8	.0292	.0279	.0267	.0256	.0244	.0234	.0223	.0213	.0204	.0194
9	.0457	.0440	.0424	.0409	.0394	.0379	.0365	.0351	.0337	.0324
10	.0644	.0625	.0607	.0589	.0571	.0553	.0536	.0519	.0502	.0486
11	.0825	.0807	.0789	.0771	.0753	.0735	.0716	.0698	.0681	.0663
12	.0970	.0955	.0940	.0925	.0910	.0894	.0878	.0861	.0845	.0829
13	.1052	.1043	.1034	.1025	.1014	.1004	.0992	.0981	.0969	.0956
14	.1060	.1058	.1057	.1054	.1051	.1047	.1042	.1037	.1031	.1024
15	.0996	.1002	.1007	.1012	.1016	.1019	.1021	.1023	.1024	.1024
16	.0878	.0889	.0900	.0911	.0920	.0930	.0938	.0946	.0954	.0960
17	.0728	.0743	.0757	.0771	.0785	.0798	.0811	.0824	.0836	.0847
18	.0570	.0586	.0602	.0617	.0632	.0648	.0663	.0677	.0692	.0706
19	.0423	.0438	.0453	.0468	.0483	.0498	.0513	.0528	.0543	.0557
20	.0298	.0311	.0324	.0337	.0350	.0363	.0377	.0390	.0404	.0418
21	.0200	.0210	.0220	.0231	.0242	.0253	.0264	.0275	.0287	.0299
22	.0128	.0136	.0143	.0151	.0159	.0168	.0176	.0185	.0194	.0204
23	.0079	.0084	.0089	.0095	.0100	.0106	.0113	.0119	.0126	.0133
24	.0046	.0050	.0053	.0057	.0061	.0065	.0069	.0073	.0078	.0083

MEAN ARRIVAL RATE λ										
	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	16.0
7	.0098	.0093	.0088	.0084	.0079	.0075	.0071	.0067	.0063	.0060
8	.0186	.0177	.0169	.0161	.0153	.0146	.0139	.0132	.0126	.0120
9	.0311	.0299	.0287	.0275	.0264	.0253	.0243	.0232	.0223	.0213
10	.0470	.0454	.0439	.0424	.0409	.0395	.0381	.0367	.0354	.0341
11	.0645	.0628	.0611	.0594	.0577	.0560	.0544	.0527	.0512	.0496
12	.0812	.0795	.0778	.0762	.0745	.0728	.0711	.0695	.0678	.0661
13	.0943	.0930	.0916	.0902	.0888	.0874	.0859	.0844	.0829	.0814
14	.1017	.1010	.1001	.0993	.0983	.0974	.0963	.0953	.0942	.0930

(continued)

Table 5 Individual Poisson Probabilities (*Continued*)

MEAN ARRIVAL RATE λ										
	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	16.0
15	.1024	.1023	.1021	.1019	.1016	.1012	.1008	.1003	.0998	.0992
16	.0966	.0972	.0977	.0981	.0984	.0987	.0989	.0991	.0992	.0992
17	.0858	.0869	.0879	.0888	.0897	.0906	.0914	.0921	.0928	.0934
18	.0720	.0734	.0747	.0760	.0773	.0785	.0797	.0808	.0819	.0830
19	.0572	.0587	.0602	.0616	.0630	.0645	.0659	.0672	.0686	.0699
20	.0432	.0446	.0460	.0474	.0489	.0503	.0517	.0531	.0545	.0559
21	.0311	.0323	.0335	.0348	.0361	.0373	.0386	.0400	.0413	.0426
22	.0213	.0223	.0233	.0244	.0254	.0265	.0276	.0287	.0298	.0310
23	.0140	.0147	.0155	.0163	.0171	.0180	.0188	.0197	.0206	.0216
24	.0088	.0093	.0099	.0105	.0111	.0117	.0123	.0130	.0137	.0144
25	.0053	.0057	.0061	.0064	.0069	.0073	.0077	.0082	.0087	.0092

MEAN ARRIVAL RATE λ										
	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	17.0
7	.0057	.0054	.0051	.0048	.0045	.0043	.0040	.0038	.0036	.0034
8	.0114	.0108	.0103	.0098	.0093	.0088	.0084	.0080	.0076	.0072
9	.0204	.0195	.0187	.0178	.0171	.0163	.0156	.0149	.0142	.0135
10	.0328	.0316	.0304	.0293	.0281	.0270	.0260	.0250	.0240	.0230
11	.0481	.0466	.0451	.0436	.0422	.0408	.0394	.0381	.0368	.0355
12	.0645	.0628	.0612	.0596	.0580	.0565	.0549	.0534	.0518	.0504
13	.0799	.0783	.0768	.0752	.0736	.0721	.0705	.0690	.0674	.0658
14	.0918	.0906	.0894	.0881	.0868	.0855	.0841	.0828	.0814	.0800
15	.0986	.0979	.0971	.0963	.0955	.0946	.0937	.0927	.0917	.0906
16	.0992	.0991	.0989	.0987	.0985	.0981	.0978	.0973	.0968	.0963
17	.0939	.0944	.0949	.0952	.0956	.0958	.0960	.0962	.0963	.0963
18	.0840	.0850	.0859	.0868	.0876	.0884	.0891	.0898	.0904	.0909
19	.0712	.0725	.0737	.0749	.0761	.0772	.0783	.0794	.0804	.0814
20	.0573	.0587	.0601	.0614	.0628	.0641	.0654	.0667	.0679	.0692
21	.0439	.0453	.0466	.0480	.0493	.0507	.0520	.0533	.0547	.0560
22	.0322	.0333	.0345	.0358	.0370	.0382	.0395	.0407	.0420	.0433
23	.0225	.0235	.0245	.0255	.0265	.0276	.0287	.0297	.0309	.0320
24	.0151	.0159	.0166	.0174	.0182	.0191	.0199	.0208	.0217	.0226
25	.0097	.0103	.0108	.0114	.0120	.0127	.0133	.0140	.0147	.0154

MEAN ARRIVAL RATE λ										
	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	18.0
8	.0068	.0064	.0061	.0058	.0055	.0052	.0049	.0046	.0044	.0042
9	.0129	.0123	.0117	.0112	.0107	.0101	.0097	.0092	.0088	.0083
10	.0221	.0212	.0203	.0195	.0186	.0179	.0171	.0164	.0157	.0150
11	.0343	.0331	.0319	.0308	.0297	.0286	.0275	.0265	.0255	.0245
12	.0489	.0474	.0460	.0446	.0432	.0419	.0406	.0393	.0380	.0368
13	.0643	.0628	.0612	.0597	.0582	.0567	.0553	.0538	.0524	.0509
14	.0785	.0771	.0757	.0742	.0728	.0713	.0699	.0684	.0669	.0655
15	.0895	.0884	.0873	.0861	.0849	.0837	.0824	.0812	.0799	.0786
16	.0957	.0951	.0944	.0936	.0929	.0920	.0912	.0903	.0894	.0884
17	.0963	.0962	.0960	.0958	.0956	.0953	.0949	.0945	.0941	.0936
18	.0914	.0919	.0923	.0926	.0929	.0932	.0934	.0935	.0936	.0936
19	.0823	.0832	.0840	.0848	.0856	.0863	.0870	.0876	.0882	.0887
20	.0704	.0715	.0727	.0738	.0749	.0760	.0770	.0780	.0789	.0798
21	.0573	.0586	.0599	.0612	.0624	.0637	.0649	.0661	.0673	.0684

Table 5 Individual Poisson Probabilities (*Continued*)

MEAN ARRIVAL RATE λ										
	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	18.0
22	.0445	.0458	.0471	.0484	.0496	.0509	.0522	.0535	.0547	.0560
23	.0331	.0343	.0354	.0366	.0378	.0390	.0402	.0414	.0426	.0438
24	.0236	.0246	.0255	.0265	.0275	.0286	.0296	.0307	.0318	.0328
25	.0161	.0169	.0177	.0185	.0193	.0201	.0210	.0218	.0227	.0237

MEAN ARRIVAL RATE λ										
	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	19.0
9	.0079	.0075	.0072	.0068	.0065	.0061	.0058	.0055	.0053	.0050
10	.0143	.0137	.0131	.0125	.0120	.0114	.0109	.0104	.0099	.0095
11	.0236	.0227	.0218	.0209	.0201	.0193	.0185	.0178	.0171	.0164
12	.0356	.0344	.0332	.0321	.0310	.0299	.0289	.0278	.0269	.0259
13	.0495	.0481	.0468	.0454	.0441	.0428	.0415	.0403	.0390	.0378
14	.0640	.0626	.0611	.0597	.0583	.0569	.0555	.0541	.0527	.0514
15	.0773	.0759	.0746	.0732	.0719	.0705	.0692	.0678	.0664	.0650
16	.0874	.0864	.0853	.0842	.0831	.0820	.0808	.0796	.0785	.0772
17	.0931	.0925	.0918	.0912	.0904	.0897	.0889	.0881	.0872	.0863
18	.0936	.0935	.0934	.0932	.0930	.0927	.0924	.0920	.0916	.0911
19	.0891	.0896	.0899	.0902	.0905	.0907	.0909	.0910	.0911	.0911
20	.0807	.0815	.0823	.0830	.0837	.0844	.0850	.0856	.0861	.0866
21	.0695	.0706	.0717	.0727	.0738	.0747	.0757	.0766	.0775	.0783
22	.0572	.0584	.0596	.0608	.0620	.0632	.0643	.0655	.0666	.0676
23	.0450	.0462	.0475	.0487	.0499	.0511	.0523	.0535	.0547	.0559
24	.0340	.0351	.0362	.0373	.0385	.0396	.0408	.0419	.0431	.0442
25	.0246	.0255	.0265	.0275	.0285	.0295	.0305	.0315	.0326	.0336

MEAN ARRIVAL RATE λ										
	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	20.0
10	.0090	.0086	.0082	.0078	.0074	.0071	.0067	.0064	.0061	.0058
11	.0157	.0150	.0144	.0138	.0132	.0126	.0121	.0116	.0111	.0106
12	.0249	.0240	.0231	.0223	.0214	.0206	.0198	.0191	.0183	.0176
13	.0367	.0355	.0344	.0333	.0322	.0311	.0301	.0291	.0281	.0271
14	.0500	.0487	.0474	.0461	.0448	.0436	.0423	.0411	.0399	.0387
15	.0637	.0623	.0610	.0596	.0582	.0569	.0556	.0543	.0529	.0516
16	.0760	.0748	.0735	.0723	.0710	.0697	.0684	.0671	.0659	.0646
17	.0854	.0844	.0835	.0825	.0814	.0804	.0793	.0782	.0771	.0760
18	.0906	.0901	.0895	.0889	.0882	.0875	.0868	.0860	.0852	.0844
19	.0911	.0910	.0909	.0907	.0905	.0903	.0900	.0896	.0893	.0888
20	.0870	.0874	.0877	.0880	.0883	.0885	.0886	.0887	.0888	.0888
21	.0791	.0799	.0806	.0813	.0820	.0826	.0831	.0837	.0842	.0846
22	.0687	.0697	.0707	.0717	.0727	.0736	.0745	.0753	.0761	.0769
23	.0570	.0582	.0594	.0605	.0616	.0627	.0638	.0648	.0659	.0669
24	.0454	.0466	.0477	.0489	.0500	.0512	.0523	.0535	.0546	.0557
25	.0347	.0358	.0368	.0379	.0390	.0401	.0412	.0424	.0435	.0446

MEAN ARRIVAL RATE λ										
	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	21.0
10	.0055	.0053	.0050	.0048	.0045	.0043	.0041	.0039	.0037	.0035
11	.0101	.0097	.0092	.0088	.0084	.0080	.0077	.0073	.0070	.0067
12	.0169	.0163	.0156	.0150	.0144	.0138	.0132	.0127	.0122	.0116

(continued)

Table 5 Individual Poisson Probabilities (*Continued*)

	MEAN ARRIVAL RATE λ									
	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	21.0
13	.0262	.0253	.0244	.0235	.0227	.0219	.0211	.0203	.0195	.0188
14	.0376	.0365	.0353	.0343	.0332	.0322	.0311	.0301	.0292	.0282
15	.0504	.0491	.0478	.0466	.0454	.0442	.0430	.0418	.0406	.0395
16	.0633	.0620	.0607	.0594	.0581	.0569	.0556	.0543	.0531	.0518
17	.0748	.0736	.0725	.0713	.0701	.0689	.0677	.0665	.0653	.0640
18	.0835	.0826	.0817	.0808	.0798	.0789	.0778	.0768	.0758	.0747
19	.0884	.0879	.0873	.0868	.0861	.0855	.0848	.0841	.0834	.0826
20	.0888	.0887	.0886	.0885	.0883	.0881	.0878	.0875	.0871	.0867
21	.0850	.0854	.0857	.0860	.0862	.0864	.0865	.0866	.0867	.0867
22	.0777	.0784	.0791	.0797	.0803	.0809	.0814	.0819	.0824	.0828
23	.0679	.0688	.0698	.0707	.0716	.0724	.0733	.0741	.0748	.0756
24	.0568	.0579	.0590	.0601	.0611	.0622	.0632	.0642	.0652	.0661
25	.0457	.0468	.0479	.0490	.0501	.0512	.0523	.0534	.0545	.0555

Table 6 Cumulative Poisson Probabilities

MEAN ARRIVAL RATE λ										
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0	.9048	.8187	.7408	.6703	.6065	.5488	.4966	.4493	.4066	.3679
1	.9953	.9825	.9631	.9384	.9098	.8781	.8442	.8088	.7725	.7358
2	.9998	.9989	.9964	.9921	.9856	.9769	.9659	.9526	.9371	.9197
3	1.0000	.9999	.9997	.9992	.9982	.9966	.9942	.9909	.9865	.9810
4	1.0000	1.0000	1.0000	.9999	.9998	.9996	.9992	.9986	.9977	.9963
5	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9998	.9997	.9994
6	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999
7	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

MEAN ARRIVAL RATE λ										
	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
0	.3329	.3012	.2725	.2466	.2231	.2019	.1827	.1653	.1496	.1353
1	.6990	.6626	.6268	.5918	.5578	.5249	.4932	.4628	.4337	.4060
2	.9004	.8795	.8571	.8335	.8088	.7834	.7572	.7306	.7037	.6767
3	.9743	.9662	.9569	.9463	.9344	.9212	.9068	.8913	.8747	.8571
4	.9946	.9923	.9893	.9857	.9814	.9763	.9704	.9636	.9559	.9473
5	.9990	.9985	.9978	.9968	.9955	.9940	.9920	.9896	.9868	.9834
6	.9999	.9997	.9996	.9994	.9991	.9987	.9981	.9974	.9966	.9955
7	1.0000	1.0000	.9999	.9999	.9998	.9997	.9996	.9994	.9992	.9989
8	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9999	.9998	.9998
9	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

MEAN ARRIVAL RATE λ										
	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0
0	.1225	.1108	.1003	.0907	.0821	.0743	.0672	.0608	.0550	.0498
1	.3796	.3546	.3309	.3084	.2873	.2674	.2487	.2311	.2146	.1991
2	.6496	.6227	.5960	.5697	.5438	.5184	.4936	.4695	.4460	.4232
3	.8386	.8194	.7993	.7787	.7576	.7360	.7141	.6919	.6696	.6472
4	.9379	.9275	.9162	.9041	.8912	.8774	.8629	.8477	.8318	.8153
5	.9796	.9751	.9700	.9643	.9580	.9510	.9433	.9349	.9258	.9161
6	.9941	.9925	.9906	.9884	.9858	.9828	.9794	.9756	.9713	.9665
7	.9985	.9980	.9974	.9967	.9958	.9947	.9934	.9919	.9901	.9881
8	.9997	.9995	.9994	.9991	.9989	.9985	.9981	.9976	.9969	.9962
9	.9999	.9999	.9999	.9998	.9997	.9996	.9995	.9993	.9991	.9989
10	1.0000	1.0000	1.0000	1.0000	.9999	.9999	.9999	.9998	.9998	.9997
11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9999
12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

MEAN ARRIVAL RATE λ										
	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0
0	.0450	.0408	.0369	.0334	.0302	.0273	.0247	.0224	.0202	.0183
1	.1847	.1712	.1586	.1468	.1359	.1257	.1162	.1074	.0992	.0916
2	.4012	.3799	.3594	.3397	.3208	.3027	.2854	.2689	.2531	.2381
3	.6248	.6025	.5803	.5584	.5366	.5152	.4942	.4735	.4532	.4335
4	.7982	.7806	.7626	.7442	.7254	.7064	.6872	.6678	.6484	.6288
5	.9057	.8946	.8829	.8705	.8576	.8441	.8301	.8156	.8006	.7851
6	.9612	.9554	.9490	.9421	.9347	.9267	.9182	.9091	.8995	.8893
7	.9858	.9832	.9802	.9769	.9733	.9692	.9648	.9599	.9546	.9489
8	.9953	.9943	.9931	.9917	.9901	.9883	.9863	.9840	.9815	.9786

(continued)

Table 6 Cumulative Poisson Probabilities (*Continued*)

MEAN ARRIVAL RATE λ										
	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0
9	.9986	.9982	.9978	.9973	.9967	.9960	.9952	.9942	.9931	.9919
10	.9996	.9995	.9994	.9992	.9990	.9987	.9984	.9981	.9977	.9972
11	.9999	.9999	.9998	.9998	.9997	.9996	.9995	.9994	.9993	.9991
12	1.0000	1.0000	1.0000	.9999	.9999	.9999	.9999	.9998	.9998	.9997
13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9999
14	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

MEAN ARRIVAL RATE λ										
	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0
0	.0166	.0150	.0136	.0123	.0111	.0101	.0091	.0082	.0074	.0067
1	.0845	.0780	.0719	.0663	.0611	.0563	.0518	.0477	.0439	.0404
2	.2238	.2102	.1974	.1851	.1736	.1626	.1523	.1425	.1333	.1247
3	.4142	.3954	.3772	.3594	.3423	.3257	.3097	.2942	.2793	.2650
4	.6093	.5898	.5704	.5512	.5321	.5132	.4946	.4763	.4582	.4405
5	.7693	.7531	.7367	.7199	.7029	.6858	.6684	.6510	.6335	.6160
6	.8786	.8675	.8558	.8436	.8311	.8180	.8046	.7908	.7767	.7622
7	.9427	.9361	.9290	.9214	.9134	.9049	.8960	.8867	.8769	.8666
8	.9755	.9721	.9683	.9642	.9597	.9549	.9497	.9442	.9382	.9319
9	.9905	.9889	.9871	.9851	.9829	.9805	.9778	.9749	.9717	.9682
10	.9966	.9959	.9952	.9943	.9933	.9922	.9910	.9896	.9880	.9863
11	.9989	.9986	.9983	.9980	.9976	.9971	.9966	.9960	.9953	.9945
12	.9997	.9996	.9995	.9993	.9992	.9990	.9988	.9986	.9983	.9980
13	.9999	.9999	.9998	.9998	.9997	.9997	.9996	.9995	.9994	.9993
14	1.0000	1.0000	1.0000	.9999	.9999	.9999	.9999	.9999	.9998	.9998

MEAN ARRIVAL RATE λ										
	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0
0	.0061	.0055	.0050	.0045	.0041	.0037	.0033	.0030	.0027	.0025
1	.0372	.0342	.0314	.0289	.0266	.0244	.0224	.0206	.0189	.0174
2	.1165	.1088	.1016	.0948	.0884	.0824	.0768	.0715	.0666	.0620
3	.2513	.2381	.2254	.2133	.2017	.1906	.1800	.1700	.1604	.1512
4	.4231	.4061	.3895	.3733	.3575	.3422	.3272	.3127	.2987	.2851
5	.5984	.5809	.5635	.5461	.5289	.5119	.4950	.4783	.4619	.4457
6	.7474	.7324	.7171	.7017	.6860	.6703	.6544	.6384	.6224	.6063
7	.8560	.8449	.8335	.8217	.8095	.7970	.7841	.7710	.7576	.7440
8	.9252	.9181	.9106	.9027	.8944	.8857	.8766	.8672	.8574	.8472
9	.9644	.9603	.9559	.9512	.9462	.9409	.9352	.9292	.9228	.9161
10	.9844	.9823	.9800	.9775	.9747	.9718	.9686	.9651	.9614	.9574
11	.9937	.9927	.9916	.9904	.9890	.9875	.9859	.9841	.9821	.9799
12	.9976	.9972	.9967	.9962	.9955	.9949	.9941	.9932	.9922	.9912
13	.9992	.9990	.9988	.9986	.9983	.9980	.9977	.9973	.9969	.9964
14	.9997	.9997	.9996	.9995	.9994	.9993	.9991	.9990	.9988	.9986

MEAN ARRIVAL RATE λ										
	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0
0	.0022	.0020	.0018	.0017	.0015	.0014	.0012	.0011	.0010	.0009
1	.0159	.0146	.0134	.0123	.0113	.0103	.0095	.0087	.0080	.0073
2	.0577	.0536	.0498	.0463	.0430	.0400	.0371	.0344	.0320	.0296
3	.1425	.1342	.1264	.1189	.1118	.1052	.0988	.0928	.0871	.0818

Table 6 Cumulative Poisson Probabilities (*Continued*)

MEAN ARRIVAL RATE λ										
	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0
4	.2719	.2592	.2469	.2351	.2237	.2127	.2022	.1920	.1823	.1730
5	.4298	.4141	.3988	.3837	.3690	.3547	.3406	.3270	.3137	.3007
6	.5902	.5742	.5582	.5423	.5265	.5108	.4953	.4799	.4647	.4497
7	.7301	.7160	.7017	.6873	.6728	.6581	.6433	.6285	.6136	.5987
8	.8367	.8259	.8148	.8033	.7916	.7796	.7673	.7548	.7420	.7291
9	.9090	.9016	.8939	.8858	.8774	.8686	.8596	.8502	.8405	.8305
10	.9531	.9486	.9437	.9386	.9332	.9274	.9214	.9151	.9084	.9015
11	.9776	.9750	.9723	.9693	.9661	.9627	.9591	.9552	.9510	.9467
12	.9900	.9887	.9873	.9857	.9840	.9821	.9801	.9779	.9755	.9730
13	.9958	.9952	.9945	.9937	.9929	.9920	.9909	.9898	.9885	.9872
14	.9984	.9981	.9978	.9974	.9970	.9966	.9961	.9956	.9950	.9943

MEAN ARRIVAL RATE λ										
	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0
0	.0008	.0007	.0007	.0006	.0006	.0005	.0005	.0004	.0004	.0003
1	.0067	.0061	.0056	.0051	.0047	.0043	.0039	.0036	.0033	.0030
2	.0275	.0255	.0236	.0219	.0203	.0188	.0174	.0161	.0149	.0138
3	.0767	.0719	.0674	.0632	.0591	.0554	.0518	.0485	.0453	.0424
4	.1641	.1555	.1473	.1395	.1321	.1249	.1181	.1117	.1055	.0996
5	.2881	.2759	.2640	.2526	.2414	.2307	.2203	.2103	.2006	.1912
6	.4349	.4204	.4060	.3920	.3782	.3646	.3514	.3384	.3257	.3134
7	.5838	.5689	.5541	.5393	.5246	.5100	.4956	.4812	.4670	.4530
8	.7160	.7027	.6892	.6757	.6620	.6482	.6343	.6204	.6065	.5925
9	.8202	.8096	.7988	.7877	.7764	.7649	.7531	.7411	.7290	.7166
10	.8942	.8867	.8788	.8707	.8622	.8535	.8445	.8352	.8257	.8159
11	.9420	.9371	.9319	.9265	.9208	.9148	.9085	.9020	.8952	.8881
12	.9703	.9673	.9642	.9609	.9573	.9536	.9496	.9454	.9409	.9362
13	.9857	.9841	.9824	.9805	.9784	.9762	.9739	.9714	.9687	.9658
14	.9935	.9927	.9918	.9908	.9897	.9886	.9873	.9859	.9844	.9827
15	.9972	.9969	.9964	.9959	.9954	.9948	.9941	.9934	.9926	.9918
16	.9989	.9987	.9985	.9983	.9980	.9978	.9974	.9971	.9967	.9963
17	.9996	.9995	.9994	.9993	.9992	.9991	.9989	.9988	.9986	.9984
18	.9998	.9998	.9998	.9997	.9997	.9996	.9996	.9995	.9994	.9993
19	.9999	.9999	.9999	.9999	.9999	.9999	.9998	.9998	.9998	.9997
20	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9999	.9999	.9999

MEAN ARRIVAL RATE λ										
	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0
0	.0003	.0003	.0002	.0002	.0002	.0002	.0002	.0002	.0001	.0001
1	.0028	.0025	.0023	.0021	.0019	.0018	.0016	.0015	.0014	.0012
2	.0127	.0118	.0109	.0100	.0093	.0086	.0079	.0073	.0068	.0062
3	.0396	.0370	.0346	.0323	.0301	.0281	.0262	.0244	.0228	.0212
4	.0940	.0887	.0837	.0789	.0744	.0701	.0660	.0621	.0584	.0550
5	.1822	.1736	.1653	.1573	.1496	.1422	.1352	.1284	.1219	.1157
6	.3013	.2896	.2781	.2670	.2562	.2457	.2355	.2256	.2160	.2068
7	.4391	.4254	.4119	.3987	.3856	.3728	.3602	.3478	.3357	.3239
8	.5786	.5647	.5507	.5369	.5231	.5094	.4958	.4823	.4689	.4557
9	.7041	.6915	.6788	.6659	.6530	.6400	.6269	.6137	.6006	.5874
10	.8058	.7955	.7850	.7743	.7634	.7522	.7409	.7294	.7178	.7060

(continued)

Table 6 Cumulative Poisson Probabilities (*Continued*)

MEAN ARRIVAL RATE λ										
	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0
11	.8807	.8731	.8652	.8571	.8487	.8400	.8311	.8220	.8126	.8030
12	.9313	.9261	.9207	.9150	.9091	.9029	.8965	.8898	.8829	.8758
13	.9628	.9595	.9561	.9524	.9486	.9445	.9403	.9358	.9311	.9261
14	.9810	.9791	.9771	.9749	.9726	.9701	.9675	.9647	.9617	.9585
15	.9908	.9898	.9887	.9875	.9862	.9848	.9832	.9816	.9798	.9780
16	.9958	.9953	.9947	.9941	.9934	.9926	.9918	.9909	.9899	.9889
17	.9982	.9979	.9977	.9973	.9970	.9966	.9962	.9957	.9952	.9947
18	.9992	.9991	.9990	.9989	.9987	.9985	.9983	.9981	.9978	.9976
19	.9997	.9997	.9996	.9995	.9995	.9994	.9993	.9992	.9991	.9989
20	.9999	.9999	.9998	.9998	.9998	.9998	.9997	.9997	.9996	.9996

MEAN ARRIVAL RATE λ										
	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0
0	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0000
1	.0011	.0010	.0009	.0009	.0008	.0007	.0007	.0006	.0005	.0005
2	.0058	.0053	.0049	.0045	.0042	.0038	.0035	.0033	.0030	.0028
3	.0198	.0184	.0172	.0160	.0149	.0138	.0129	.0120	.0111	.0103
4	.0517	.0486	.0456	.0429	.0403	.0378	.0355	.0333	.0312	.0293
5	.1098	.1041	.0986	.0935	.0885	.0838	.0793	.0750	.0710	.0671
6	.1978	.1892	.1808	.1727	.1649	.1574	.1502	.1433	.1366	.1301
7	.3123	.3010	.2900	.2792	.2687	.2584	.2485	.2388	.2294	.2202
8	.4426	.4296	.4168	.4042	.3918	.3796	.3676	.3558	.3442	.3328
9	.5742	.5611	.5479	.5349	.5218	.5089	.4960	.4832	.4705	.4579
10	.6941	.6820	.6699	.6576	.6453	.6329	.6205	.6080	.5955	.5830
11	.7932	.7832	.7730	.7626	.7520	.7412	.7303	.7193	.7081	.6968
12	.8684	.8607	.8529	.8448	.8364	.8279	.8191	.8101	.8009	.7916
13	.9210	.9156	.9100	.9042	.8981	.8919	.8853	.8786	.8716	.8645
14	.9552	.9517	.9480	.9441	.9400	.9357	.9312	.9265	.9216	.9165
15	.9760	.9738	.9715	.9691	.9665	.9638	.9609	.9579	.9546	.9513
16	.9878	.9865	.9852	.9838	.9823	.9806	.9789	.9770	.9751	.9730
17	.9941	.9934	.9927	.9919	.9911	.9902	.9892	.9881	.9870	.9857
18	.9973	.9969	.9966	.9962	.9957	.9952	.9947	.9941	.9935	.9928
19	.9988	.9986	.9985	.9983	.9980	.9978	.9975	.9972	.9969	.9965
20	.9995	.9994	.9993	.9992	.9991	.9990	.9989	.9987	.9986	.9984

MEAN ARRIVAL RATE λ										
	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	11.0
0	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
1	.0005	.0004	.0004	.0003	.0003	.0003	.0003	.0002	.0002	.0002
2	.0026	.0023	.0022	.0020	.0018	.0017	.0016	.0014	.0013	.0012
3	.0096	.0089	.0083	.0077	.0071	.0066	.0062	.0057	.0053	.0049
4	.0274	.0257	.0241	.0225	.0211	.0197	.0185	.0173	.0162	.0151
5	.0634	.0599	.0566	.0534	.0504	.0475	.0448	.0423	.0398	.0375
6	.1240	.1180	.1123	.1069	.1016	.0966	.0918	.0872	.0828	.0786
7	.2113	.2027	.1944	.1863	.1785	.1710	.1636	.1566	.1498	.1432
8	.3217	.3108	.3001	.2896	.2794	.2694	.2597	.2502	.2410	.2320
9	.4455	.4332	.4210	.4090	.3971	.3854	.3739	.3626	.3515	.3405
10	.5705	.5580	.5456	.5331	.5207	.5084	.4961	.4840	.4719	.4599
11	.6853	.6738	.6622	.6505	.6387	.6269	.6150	.6031	.5912	.5793

Table 6 Cumulative Poisson Probabilities (*Continued*)

MEAN ARRIVAL RATE λ										
	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	11.0
12	.7820	.7722	.7623	.7522	.7420	.7316	.7210	.7104	.6996	.6887
13	.8571	.8494	.8416	.8336	.8253	.8169	.8083	.7995	.7905	.7813
14	.9112	.9057	.9	.8940	.8879	.8815	.8750	.8682	.8612	.8540
15	.9477	.9440	.9400	.9359	.9317	.9272	.9225	.9177	.9126	.9074
16	.9707	.9684	.9658	.9632	.9604	.9574	.9543	.9511	.9477	.9441
17	.9844	.9830	.9815	.9799	.9781	.9763	.9744	.9723	.9701	.9678
18	.9921	.9913	.9904	.9895	.9885	.9874	.9863	.9850	.9837	.9823
19	.9962	.9957	.9953	.9948	.9942	.9936	.9930	.9923	.9915	.9907
20	.9982	.9980	.9978	.9975	.9972	.9969	.9966	.9962	.9958	.9953

MEAN ARRIVAL RATE λ										
	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	12.0
0	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
1	.0002	.0002	.0002	.0001	.0001	.0001	.0001	.0001	.0001	.0001
2	.0011	.0010	.0009	.0009	.0008	.0007	.0007	.0006	.0006	.0005
3	.0046	.0042	.0039	.0036	.0034	.0031	.0029	.0027	.0025	.0023
4	.0141	.0132	.0123	.0115	.0107	.0100	.0094	.0087	.0081	.0076
5	.0353	.0333	.0313	.0295	.0277	.0261	.0245	.0230	.0217	.0203
6	.0746	.0708	.0671	.0636	.0603	.0571	.0541	.0512	.0484	.0458
7	.1369	.1307	.1249	.1192	.1137	.1085	.1035	.0986	.0940	.0895
8	.2232	.2147	.2064	.1984	.1906	.1830	.1757	.1686	.1617	.1550
9	.3298	.3192	.3089	.2987	.2888	.2791	.2696	.2603	.2512	.2424
10	.4480	.4362	.4246	.4131	.4017	.3905	.3794	.3685	.3578	.3472
11	.5673	.5554	.5435	.5316	.5198	.5080	.4963	.4847	.4731	.4616
12	.6777	.6666	.6555	.6442	.6329	.6216	.6102	.5988	.5874	.5760
13	.7719	.7624	.7528	.7430	.7330	.7230	.7128	.7025	.6920	.6815
14	.8467	.8391	.8313	.8234	.8153	.8069	.7985	.7898	.7810	.7720
15	.9020	.8963	.8905	.8845	.8783	.8719	.8653	.8585	.8516	.8444
16	.9403	.9364	.9323	.9280	.9236	.9190	.9142	.9092	.9040	.8987
17	.9654	.9628	.9601	.9572	.9542	.9511	.9478	.9444	.9408	.9370
18	.9808	.9792	.9775	.9757	.9738	.9718	.9697	.9674	.9651	.9626
19	.9898	.9889	.9879	.9868	.9857	.9845	.9832	.9818	.9803	.9787
20	.9948	.9943	.9938	.9932	.9925	.9918	.9910	.9902	.9893	.9884

MEAN ARRIVAL RATE λ										
	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	13.0
5	.0191	.0179	.0168	.0158	.0148	.0139	.0130	.0122	.0115	.0107
6	.0433	.0410	.0387	.0366	.0346	.0326	.0308	.0291	.0274	.0259
7	.0852	.0811	.0772	.0734	.0698	.0664	.0631	.0599	.0569	.0540
8	.1486	.1424	.1363	.1305	.1249	.1195	.1143	.1093	.1044	.0998
9	.2338	.2254	.2172	.2092	.2014	.1939	.1866	.1794	.1725	.1658
10	.3368	.3266	.3166	.3067	.2971	.2876	.2783	.2693	.2604	.2517
11	.4502	.4389	.4278	.4167	.4058	.3950	.3843	.3738	.3634	.3532
12	.5645	.5531	.5417	.5303	.5190	.5077	.4964	.4853	.4741	.4631
13	.6709	.6603	.6495	.6387	.6278	.6169	.6060	.5950	.5840	.5730
14	.7629	.7536	.7442	.7347	.7250	.7153	.7054	.6954	.6853	.6751
15	.8371	.8296	.8219	.8140	.8060	.7978	.7895	.7810	.7724	.7636
16	.8932	.8875	.8816	.8755	.8693	.8629	.8563	.8495	.8426	.8355
17	.9331	.9290	.9248	.9204	.9158	.9111	.9062	.9011	.8959	.8905
18	.9600	.9572	.9543	.9513	.9481	.9448	.9414	.9378	.9341	.9302

(continued)

Table 6 Cumulative Poisson Probabilities (*Continued*)

MEAN ARRIVAL RATE λ										
	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	13.0
19	.9771	.9753	.9734	.9715	.9694	.9672	.9649	.9625	.9600	.9573
20	.9874	.9863	.9852	.9840	.9827	.9813	.9799	.9783	.9767	.9750
21	.9934	.9927	.9921	.9914	.9906	.9898	.9889	.9880	.9870	.9859
22	.9966	.9963	.9959	.9955	.9951	.9946	.9941	.9936	.9930	.9924
23	.9984	.9982	.9980	.9978	.9975	.9973	.9970	.9967	.9964	.9960

MEAN ARRIVAL RATE λ										
	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	14.0
5	.0101	.0094	.0088	.0083	.0077	.0072	.0068	.0063	.0059	.0055
6	.0244	.0230	.0217	.0204	.0193	.0181	.0171	.0161	.0151	.0142
7	.0513	.0487	.0461	.0438	.0415	.0393	.0372	.0353	.0334	.0316
8	.0953	.0910	.0868	.0828	.0790	.0753	.0718	.0684	.0652	.0621
9	.1593	.1530	.1469	.1410	.1353	.1297	.1244	.1192	.1142	.1094
10	.2432	.2349	.2268	.2189	.2112	.2037	.1964	.1893	.1824	.1757
11	.3431	.3332	.3234	.3139	.3045	.2952	.2862	.2773	.2686	.2600
12	.4522	.4413	.4305	.4199	.4093	.3989	.3886	.3784	.3684	.3585
13	.5621	.5511	.5401	.5292	.5182	.5074	.4966	.4858	.4751	.4644
14	.6649	.6546	.6442	.6338	.6233	.6128	.6022	.5916	.5810	.5704
15	.7547	.7456	.7365	.7272	.7178	.7083	.6987	.6890	.6792	.6694
16	.8282	.8208	.8132	.8054	.7975	.7895	.7813	.7730	.7645	.7559
17	.8849	.8791	.8732	.8671	.8609	.8545	.8479	.8411	.8343	.8272
18	.9261	.9219	.9176	.9130	.9084	.9035	.8986	.8934	.8881	.8826
19	.9546	.9516	.9486	.9454	.9421	.9387	.9351	.9314	.9275	.9235
20	.9732	.9713	.9692	.9671	.9649	.9626	.9601	.9576	.9549	.9521
21	.9848	.9836	.9823	.9810	.9796	.9780	.9765	.9748	.9730	.9712
22	.9917	.9910	.9902	.9894	.9885	.9876	.9866	.9856	.9845	.9833
23	.9956	.9952	.9948	.9943	.9938	.9933	.9927	.9921	.9914	.9907

MEAN ARRIVAL RATE λ										
	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	15.0
6	.0134	.0126	.0118	.0111	.0105	.0098	.0092	.0087	.0081	.0076
7	.0299	.0283	.0268	.0253	.0239	.0226	.0214	.0202	.0191	.0180
8	.0591	.0562	.0535	.0509	.0484	.0460	.0437	.0415	.0394	.0374
9	.1047	.1003	.0959	.0918	.0878	.0839	.0802	.0766	.0732	.0699
10	.1691	.1628	.1566	.1507	.1449	.1392	.1338	.1285	.1234	.1185
11	.2517	.2435	.2355	.2277	.2201	.2127	.2054	.1984	.1915	.1848
12	.3487	.3391	.3296	.3203	.3111	.3021	.2932	.2845	.2760	.2676
13	.4539	.4434	.4330	.4227	.4125	.4024	.3925	.3826	.3728	.3632
14	.5598	.5492	.5387	.5281	.5176	.5071	.4967	.4863	.4759	.4657
15	.6594	.6494	.6394	.6293	.6192	.6090	.5988	.5886	.5783	.5681
16	.7472	.7384	.7294	.7204	.7112	.7020	.6926	.6832	.6737	.6641
17	.8200	.8126	.8051	.7975	.7897	.7818	.7737	.7656	.7573	.7489
18	.8770	.8712	.8653	.8592	.8530	.8466	.8400	.8333	.8265	.8195
19	.9193	.9150	.9106	.9060	.9012	.8963	.8913	.8861	.8807	.8752
20	.9492	.9461	.9430	.9396	.9362	.9326	.9289	.9251	.9211	.9170
21	.9692	.9671	.9650	.9627	.9604	.9579	.9553	.9526	.9498	.9469
22	.9820	.9807	.9793	.9779	.9763	.9747	.9729	.9711	.9692	.9673
23	.9899	.9891	.9882	.9873	.9863	.9853	.9842	.9831	.9818	.9805
24	.9945	.9941	.9935	.9930	.9924	.9918	.9911	.9904	.9896	.9888
25	.9971	.9969	.9966	.9963	.9959	.9956	.9952	.9947	.9943	.9938

Table 6 Cumulative Poisson Probabilities (*Continued*)

MEAN ARRIVAL RATE λ										
	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	16.0
7	.0170	.0160	.0151	.0143	.0135	.0127	.0120	.0113	.0106	.0100
8	.0355	.0337	.0320	.0304	.0288	.0273	.0259	.0245	.0232	.0220
9	.0667	.0636	.0607	.0579	.0552	.0526	.0501	.0478	.0455	.0433
10	.1137	.1091	.1046	.1003	.0961	.0921	.0882	.0845	.0809	.0774
11	.1782	.1718	.1657	.1596	.1538	.1481	.1426	.1372	.1320	.1270
12	.2594	.2514	.2435	.2358	.2283	.2209	.2137	.2067	.1998	.1931
13	.3537	.3444	.3351	.3260	.3171	.3083	.2996	.2911	.2827	.2745
14	.4554	.4453	.4353	.4253	.4154	.4056	.3959	.3864	.3769	.3675
15	.5578	.5476	.5374	.5272	.5170	.5069	.4968	.4867	.4767	.4667
16	.6545	.6448	.6351	.6253	.6154	.6056	.5957	.5858	.5759	.5660
17	.7403	.7317	.7230	.7141	.7052	.6962	.6871	.6779	.6687	.6593
18	.8123	.8051	.7977	.7901	.7825	.7747	.7668	.7587	.7506	.7423
19	.8696	.8638	.8578	.8517	.8455	.8391	.8326	.8260	.8192	.8122
20	.9128	.9084	.9039	.8992	.8944	.8894	.8843	.8791	.8737	.8682
21	.9438	.9407	.9374	.9340	.9304	.9268	.9230	.9190	.9150	.9108
22	.9652	.9630	.9607	.9583	.9558	.9532	.9505	.9477	.9448	.9418
23	.9792	.9777	.9762	.9746	.9730	.9712	.9694	.9674	.9654	.9633
24	.9880	.9871	.9861	.9851	.9840	.9829	.9817	.9804	.9791	.9777
25	.9933	.9928	.9922	.9915	.9909	.9902	.9894	.9886	.9878	.9869

MEAN ARRIVAL RATE λ										
	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	17.0
8	.0208	.0197	.0186	.0176	.0167	.0158	.0149	.0141	.0133	.0126
9	.0412	.0392	.0373	.0355	.0337	.0321	.0305	.0290	.0275	.0261
10	.0740	.0708	.0677	.0647	.0619	.0591	.0565	.0539	.0515	.0491
11	.1221	.1174	.1128	.1084	.1041	.0999	.0959	.0920	.0883	.0847
12	.1866	.1802	.1740	.1680	.1621	.1564	.1508	.1454	.1401	.1350
13	.2664	.2585	.2508	.2432	.2357	.2285	.2213	.2144	.2075	.2009
14	.3583	.3492	.3402	.3313	.3225	.3139	.3054	.2971	.2889	.2808
15	.4569	.4470	.4373	.4276	.4180	.4085	.3991	.3898	.3806	.3715
16	.5560	.5461	.5362	.5263	.5165	.5067	.4969	.4871	.4774	.4677
17	.6500	.6406	.6311	.6216	.6120	.6025	.5929	.5833	.5737	.5640
18	.7340	.7255	.7170	.7084	.6996	.6908	.6820	.6730	.6640	.6550
19	.8052	.7980	.7907	.7833	.7757	.7681	.7603	.7524	.7444	.7363
20	.8625	.8567	.8508	.8447	.8385	.8321	.8257	.8191	.8123	.8055
21	.9064	.9020	.8974	.8927	.8878	.8828	.8777	.8724	.8670	.8615
22	.9386	.9353	.9319	.9284	.9248	.9210	.9171	.9131	.9090	.9047
23	.9611	.9588	.9564	.9539	.9513	.9486	.9458	.9429	.9398	.9367
24	.9762	.9747	.9730	.9713	.9696	.9677	.9657	.9637	.9616	.9594
25	.9859	.9849	.9839	.9828	.9816	.9804	.9791	.9777	.9763	.9748
26	.9920	.9913	.9907	.9900	.9892	.9884	.9876	.9867	.9858	.9848

MEAN ARRIVAL RATE λ										
	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	18.0
8	.0119	.0112	.0106	.0100	.0095	.0089	.0084	.0079	.0075	.0071
9	.0248	.0235	.0223	.0212	.0201	.0191	.0181	.0171	.0162	.0154
10	.0469	.0447	.0426	.0406	.0387	.0369	.0352	.0335	.0319	.0304
11	.0812	.0778	.0746	.0714	.0684	.0655	.0627	.0600	.0574	.0549
12	.1301	.1252	.1206	.1160	.1116	.1074	.1033	.0993	.0954	.0917

(continued)

Table 6 Cumulative Poisson Probabilities (*Continued*)

MEAN ARRIVAL RATE λ										
	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	18.0
13	.1944	.1880	.1818	.1758	.1699	.1641	.1585	.1531	.1478	.1426
14	.2729	.2651	.2575	.2500	.2426	.2354	.2284	.2215	.2147	.2081
15	.3624	.3535	.3448	.3361	.3275	.3191	.3108	.3026	.2946	.2867
16	.4581	.4486	.4391	.4297	.4204	.4112	.4020	.3929	.3839	.3751
17	.5544	.5448	.5352	.5256	.5160	.5065	.4969	.4875	.4780	.4686
18	.6458	.6367	.6275	.6182	.6089	.5996	.5903	.5810	.5716	.5622
19	.7281	.7199	.7115	.7031	.6945	.6859	.6773	.6685	.6598	.6509
20	.7985	.7914	.7842	.7769	.7694	.7619	.7542	.7465	.7387	.7307
21	.8558	.8500	.8441	.8380	.8319	.8255	.8191	.8126	.8059	.7991
22	.9003	.8958	.8912	.8864	.8815	.8765	.8713	.8660	.8606	.8551
23	.9334	.9301	.9266	.9230	.9193	.9154	.9115	.9074	.9032	.8989
24	.9570	.9546	.9521	.9495	.9468	.9440	.9411	.9381	.9350	.9317
25	.9732	.9715	.9698	.9680	.9661	.9641	.9621	.9599	.9577	.9554
26	.9838	.9827	.9816	.9804	.9791	.9778	.9764	.9749	.9734	.9718
27	.9905	.9898	.9891	.9883	.9875	.9866	.9857	.9848	.9837	.9827

MEAN ARRIVAL RATE λ										
	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	19.0
9	.0146	.0138	.0131	.0124	.0117	.0111	.0105	.0099	.0094	.0089
10	.0289	.0275	.0262	.0249	.0237	.0225	.0214	.0203	.0193	.0183
11	.0525	.0502	.0479	.0458	.0438	.0418	.0399	.0381	.0363	.0347
12	.0881	.0846	.0812	.0779	.0748	.0717	.0688	.0659	.0632	.0606
13	.1376	.1327	.1279	.1233	.1189	.1145	.1103	.1062	.1022	.0984
14	.2016	.1953	.1891	.1830	.1771	.1714	.1658	.1603	.1550	.1497
15	.2789	.2712	.2637	.2563	.2490	.2419	.2349	.2281	.2214	.2148
16	.3663	.3576	.3490	.3405	.3321	.3239	.3157	.3077	.2998	.2920
17	.4593	.4500	.4408	.4317	.4226	.4136	.4047	.3958	.3870	.3784
18	.5529	.5435	.5342	.5249	.5156	.5063	.4970	.4878	.4786	.4695
19	.6420	.6331	.6241	.6151	.6061	.5970	.5879	.5788	.5697	.5606
20	.7227	.7146	.7064	.6981	.6898	.6814	.6729	.6644	.6558	.6472
21	.7922	.7852	.7781	.7709	.7636	.7561	.7486	.7410	.7333	.7255
22	.8494	.8436	.8377	.8317	.8256	.8193	.8129	.8065	.7998	.7931
23	.8944	.8899	.8852	.8804	.8755	.8704	.8652	.8600	.8545	.8490
24	.9284	.9249	.9214	.9177	.9139	.9100	.9060	.9019	.8976	.8933
25	.9530	.9505	.9479	.9452	.9424	.9395	.9365	.9334	.9302	.9269
26	.9701	.9683	.9665	.9646	.9626	.9606	.9584	.9562	.9539	.9514
27	.9816	.9804	.9792	.9779	.9765	.9751	.9736	.9720	.9704	.9687

MEAN ARRIVAL RATE λ										
	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	20.0
10	.0174	.0165	.0157	.0149	.0141	.0134	.0127	.0120	.0114	.0108
11	.0331	.0315	.0301	.0287	.0273	.0260	.0248	.0236	.0225	.0214
12	.0580	.0556	.0532	.0509	.0488	.0467	.0446	.0427	.0408	.0390
13	.0947	.0911	.0876	.0842	.0809	.0778	.0747	.0717	.0689	.0661
14	.1447	.1397	.1349	.1303	.1257	.1213	.1170	.1128	.1088	.1049
15	.2084	.2021	.1959	.1899	.1840	.1782	.1726	.1671	.1617	.1565
16	.2844	.2768	.2694	.2621	.2550	.2479	.2410	.2342	.2276	.2211
17	.3698	.3613	.3529	.3446	.3364	.3283	.3203	.3124	.3047	.2970
18	.4604	.4514	.4424	.4335	.4246	.4158	.4071	.3985	.3899	.3814

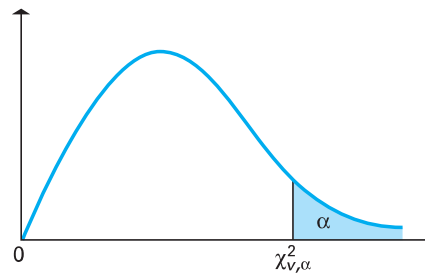
Table 6 Cumulative Poisson Probabilities (*Continued*)

MEAN ARRIVAL RATE λ										
	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	20.0
19	.5515	.5424	.5333	.5242	.5151	.5061	.4971	.4881	.4792	.4703
20	.6385	.6298	.6210	.6122	.6034	.5946	.5857	.5769	.5680	.5591
21	.7176	.7097	.7016	.6935	.6854	.6772	.6689	.6605	.6521	.6437
22	.7863	.7794	.7724	.7653	.7580	.7507	.7433	.7358	.7283	.7206
23	.8434	.8376	.8317	.8257	.8196	.8134	.8071	.8007	.7941	.7875
24	.8888	.8842	.8795	.8746	.8697	.8646	.8594	.8541	.8487	.8432
25	.9235	.9199	.9163	.9126	.9087	.9048	.9007	.8965	.8922	.8878
26	.9489	.9463	.9437	.9409	.9380	.9350	.9319	.9288	.9255	.9221
27	.9670	.9651	.9632	.9612	.9591	.9570	.9547	.9524	.9500	.9475

MEAN ARRIVAL RATE λ										
	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	21.0
10	.0102	.0097	.0092	.0087	.0082	.0078	.0074	.0070	.0066	.0063
11	.0204	.0194	.0184	.0175	.0167	.0158	.0150	.0143	.0136	.0129
12	.0373	.0356	.0340	.0325	.0310	.0296	.0283	.0270	.0257	.0245
13	.0635	.0609	.0584	.0560	.0537	.0515	.0493	.0473	.0453	.0434
14	.1010	.0973	.0938	.0903	.0869	.0836	.0805	.0774	.0744	.0716
15	.1514	.1464	.1416	.1369	.1323	.1278	.1234	.1192	.1151	.1111
16	.2147	.2084	.2023	.1963	.1904	.1847	.1790	.1735	.1682	.1629
17	.2895	.2821	.2748	.2676	.2605	.2536	.2467	.2400	.2334	.2270
18	.3730	.3647	.3565	.3484	.3403	.3324	.3246	.3168	.3092	.3017
19	.4614	.4526	.4438	.4351	.4265	.4179	.4094	.4009	.3926	.3843
20	.5502	.5413	.5325	.5236	.5148	.5059	.4972	.4884	.4797	.4710
21	.6352	.6267	.6181	.6096	.6010	.5923	.5837	.5750	.5664	.5577
22	.7129	.7051	.6972	.6893	.6813	.6732	.6651	.6569	.6487	.6405
23	.7808	.7739	.7670	.7600	.7528	.7456	.7384	.7310	.7235	.7160
24	.8376	.8319	.8260	.8201	.8140	.8078	.8016	.7952	.7887	.7822
25	.8833	.8787	.8739	.8691	.8641	.8591	.8539	.8486	.8432	.8377
26	.9186	.9150	.9114	.9076	.9037	.8997	.8955	.8913	.8870	.8826
27	.9449	.9423	.9395	.9366	.9337	.9306	.9275	.9242	.9209	.9175

MEAN ARRIVAL RATE λ										
	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	22.0
11	.0123	.0116	.0110	.0105	.0099	.0094	.0090	.0085	.0080	.0076
12	.0234	.0223	.0213	.0203	.0193	.0184	.0175	.0167	.0159	.0151
13	.0415	.0397	.0380	.0364	.0348	.0333	.0318	.0304	.0291	.0278
14	.0688	.0661	.0635	.0610	.0586	.0563	.0540	.0518	.0497	.0477
15	.1072	.1034	.0997	.0962	.0927	.0893	.0861	.0829	.0799	.0769
16	.1578	.1528	.1479	.1432	.1385	.1340	.1296	.1253	.1211	.1170
17	.2206	.2144	.2083	.2023	.1965	.1907	.1851	.1796	.1743	.1690
18	.2943	.2870	.2798	.2727	.2657	.2588	.2521	.2454	.2389	.2325
19	.3760	.3679	.3599	.3519	.3440	.3362	.3285	.3209	.3134	.3060
20	.4623	.4537	.4452	.4367	.4282	.4198	.4115	.4032	.3950	.3869
21	.5490	.5403	.5317	.5230	.5144	.5058	.4972	.4887	.4801	.4716
22	.6322	.6238	.6155	.6071	.5987	.5902	.5818	.5733	.5648	.5564
23	.7084	.7008	.6930	.6853	.6774	.6695	.6616	.6536	.6455	.6374
24	.7755	.7687	.7619	.7550	.7480	.7409	.7337	.7264	.7191	.7117
25	.8321	.8264	.8206	.8146	.8086	.8025	.7963	.7900	.7836	.7771
26	.8780	.8734	.8686	.8638	.8588	.8537	.8486	.8433	.8379	.8324
27	.9139	.9103	.9065	.9027	.8988	.8947	.8906	.8863	.8820	.8775

Table 7a Upper Critical Values of Chi-Square Distribution with ν Degrees of Freedom



For selected probabilities α , the table shows the values $\chi^2_{\nu, \alpha}$ such that $P(\chi^2_{\nu} > \chi^2_{\nu, \alpha}) = \alpha$, where χ^2_{ν} is a chi-square random variable with ν degrees of freedom. For example, the probability is .100 that a chi-square random variable with 10 degrees of freedom is greater than 15.987.

PROBABILITY OF EXCEEDING THE CRITICAL VALUE					
ν	0.10	0.05	0.025	0.01	0.001
1	2.706	3.841	5.024	6.635	10.828
2	4.605	5.991	7.378	9.210	13.816
3	6.251	7.815	9.348	11.345	16.266
4	7.779	9.488	11.143	13.277	18.467
5	9.236	11.070	12.833	15.086	20.515
6	10.645	12.592	14.449	16.812	22.458
7	12.017	14.067	16.013	18.475	24.322
8	13.362	15.507	17.535	20.090	26.125
9	14.684	16.919	19.023	21.666	27.877
10	15.987	18.307	20.483	23.209	29.588
11	17.275	19.675	21.920	24.725	31.264
12	18.549	21.026	23.337	26.217	32.910
13	19.812	22.362	24.736	27.688	34.528
14	21.064	23.685	26.119	29.141	36.123
15	22.307	24.996	27.488	30.578	37.697
16	23.542	26.296	28.845	32.000	39.252
17	24.769	27.587	30.191	33.409	40.790
18	25.989	28.869	31.526	34.805	42.312
19	27.204	30.144	32.852	36.191	43.820
20	28.412	31.410	34.170	37.566	45.315
21	29.615	32.671	35.479	38.932	46.797
22	30.813	33.924	36.781	40.289	48.268
23	32.007	35.172	38.076	41.638	49.728
24	33.196	36.415	39.364	42.980	51.179
25	34.382	37.652	40.646	44.314	52.620
26	35.563	38.885	41.923	45.642	54.052
27	36.741	40.113	43.195	46.963	55.476
28	37.916	41.337	44.461	48.278	56.892
29	39.087	42.557	45.722	49.588	58.301
30	40.256	43.773	46.979	50.892	59.703
40	51.805	55.758	59.342	63.691	73.402
50	63.167	67.505	71.420	76.154	86.661
60	74.397	79.082	83.298	88.379	99.607
70	85.527	90.531	95.023	100.425	112.317
80	96.578	101.879	106.629	112.329	124.839
90	107.565	113.145	118.136	124.116	137.208
100	118.498	124.342	129.561	135.807	149.449

NIST/SEMATECH e-Handbook of Statistical Methods, <http://www.itl.nist.gov/div898/handbook/>, September 2011.