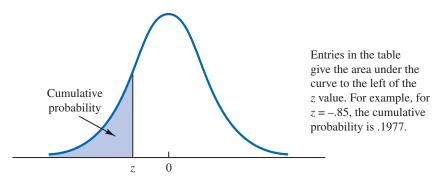
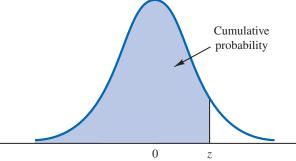
TABLE 1
 CUMULATIVE PROBABILITIES FOR THE STANDARD NORMAL DISTRIBUTION



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

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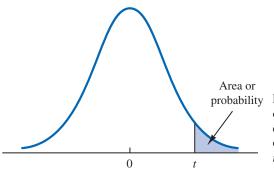


Entries in the table give the area under the curve to the left of the z value. For example, for z = 1.25, the cumulative probability is .8944.

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

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TABLE 2t DISTRIBUTION



probability Entries in the table give t values for an area or probability in the upper tail of the t distribution. For example, with 10 degrees of freedom and a .05 area in the upper tail, $t_{.05} = 1.812$.

Degrees			Area in	Upper Tail		
of Freedom	.20	.10	.05	.025	.01	.005
1	1.376	3.078	6.314	12.706	31.821	63.656
2	1.061	1.886	2.920	4.303	6.965	9.925
3	.978	1.638	2.353	3.182	4.541	5.841
4	.941	1.533	2.132	2.776	3.747	4.604
5	.920	1.476	2.015	2.571	3.365	4.032
6	.906	1.440	1.943	2.447	3.143	3.707
7	.896	1.415	1.895	2.365	2.998	3.499
8	.889	1.397	1.860	2.306	2.896	3.355
9	.883	1.383	1.833	2.262	2.821	3.250
10	.879	1.372	1.812	2.228	2.764	3.169
11	.876	1.363	1.796	2.201	2.718	3.106
12	.873	1.356	1.782	2.179	2.681	3.055
13	.870	1.350	1.771	2.160	2.650	3.012
14	.868	1.345	1.761	2.145	2.624	2.977
15	.866	1.341	1.753	2.131	2.602	2.947
16	.865	1.337	1.746	2.120	2.583	2.921
17	.863	1.333	1.740	2.110	2.567	2.898
18	.862	1.330	1.734	2.101	2.552	2.878
19	.861	1.328	1.729	2.093	2.539	2.861
20	.860	1.325	1.725	2.086	2.528	2.845
21	.859	1.323	1.721	2.080	2.518	2.831
22	.858	1.321	1.717	2.074	2.508	2.819
23	.858	1.319	1.714	2.069	2.500	2.807
24	.857	1.318	1.711	2.064	2.492	2.797
25	.856	1.316	1.708	2.060	2.485	2.787
26	.856	1.315	1.706	2.056	2.479	2.779
27	.855	1.314	1.703	2.052	2.473	2.771
28	.855	1.313	1.701	2.048	2.467	2.763
29	.854	1.311	1.699	2.045	2.462	2.756
30	.854	1.310	1.697	2.042	2.457	2.750
31	.853	1.309	1.696	2.040	2.453	2.744
32	.853	1.309	1.694	2.037	2.449	2.738
33	.853	1.308	1.692	2.035	2.445	2.733
34	.852	1.307	1.691	2.032	2.441	2.728

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 TABLE 2
 t DISTRIBUTION (Continued)

Degrees			Area in l	U pper Tail		
of Freedom	.20	.10	.05	.025	.01	.005
35	.852	1.306	1.690	2.030	2.438	2.724
36	.852	1.306	1.688	2.028	2.434	2.719
37	.851	1.305	1.687	2.026	2.431	2.715
38	.851	1.304	1.686	2.024	2.429	2.712
39	.851	1.304	1.685	2.023	2.426	2.708
40	.851	1.303	1.684	2.021	2.423	2.704
41	.850	1.303	1.683	2.020	2.421	2.701
42	.850	1.302	1.682	2.018	2.418	2.698
43	.850	1.302	1.681	2.017	2.416	2.695
44	.850	1.301	1.680	2.015	2.414	2.692
45	.850	1.301	1.679	2.014	2.412	2.690
46	.850	1.300	1.679	2.013	2.410	2.687
47	.849	1.300	1.678	2.012	2.408	2.685
48	.849	1.299	1.677	2.011	2.407	2.682
49	.849	1.299	1.677	2.010	2.405	2.680
50	.849	1.299	1.676	2.009	2.403	2.678
51	.849	1.298	1.675	2.008	2.402	2.676
52	.849	1.298	1.675	2.007	2.400	2.674
53	.848	1.298	1.674	2.006	2.399	2.672
54	.848	1.297	1.674	2.005	2.397	2.670
55	.848	1.297	1.673	2.004	2.396	2.668
56	.848	1.297	1.673	2.003	2.395	2.667
57	.848	1.297	1.672	2.002	2.394	2.665
58	.848	1.296	1.672	2.002	2.392	2.663
59	.848	1.296	1.671	2.001	2.391	2.662
60	.848	1.296	1.671	2.000	2.390	2.660
61	.848	1.296	1.670	2.000	2.389	2.659
62	.847	1.295	1.670	1.999	2.388	2.657
63	.847	1.295	1.669	1.998	2.387	2.656
64	.847	1.295	1.669	1.998	2.386	2.655
65	.847	1.295	1.669	1.997	2.385	2.654
66	.847	1.295	1.668	1.997	2.384	2.652
67	.847	1.294	1.668	1.996	2.383	2.651
68	.847	1.294	1.668	1.995	2.382	2.650
69	.847	1.294	1.667	1.995	2.382	2.649
70	.847	1.294	1.667	1.994	2.381	2.648
71	.847	1.294	1.667	1.994	2.380	2.647
72	.847	1.293	1.666	1.993	2.379	2.646
73	.847	1.293	1.666	1.993	2.379	2.645
74	.847	1.293	1.666	1.993	2.378	2.644
75	.846	1.293	1.665	1.992	2.377	2.643
76	.846	1.293	1.665	1.992	2.376	2.642
77	.846	1.293	1.665	1.991	2.376	2.641
78	.846	1.292	1.665	1.991	2.375	2.640
79	.846	1.292	1.664	1.990	2.374	2.639

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 TABLE 2
 t DISTRIBUTION (Continued)

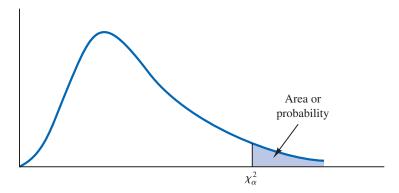
Degrees			Area in l	U pper Tail		
of Freedom	.20	.10	.05	.025	.01	.005
80	.846	1.292	1.664	1.990	2.374	2.639
81	.846	1.292	1.664	1.990	2.373	2.638
82	.846	1.292	1.664	1.989	2.373	2.637
83	.846	1.292	1.663	1.989	2.372	2.636
84	.846	1.292	1.663	1.989	2.372	2.636
85	.846	1.292	1.663	1.988	2.371	2.635
86	.846	1.291	1.663	1.988	2.370	2.634
87	.846	1.291	1.663	1.988	2.370	2.634
88	.846	1.291	1.662	1.987	2.369	2.633
89	.846	1.291	1.662	1.987	2.369	2.632
90	.846	1.291	1.662	1.987	2.368	2.632
91	.846	1.291	1.662	1.986	2.368	2.631
92	.846	1.291	1.662	1.986	2.368	2.630
93	.846	1.291	1.661	1.986	2.367	2.630
94	.845	1.291	1.661	1.986	2.367	2.629
95	.845	1.291	1.661	1.985	2.366	2.629
96	.845	1.290	1.661	1.985	2.366	2.628
97	.845	1.290	1.661	1.985	2.365	2.627
98	.845	1.290	1.661	1.984	2.365	2.627
99	.845	1.290	1.660	1.984	2.364	2.626
100	.845	1.290	1.660	1.984	2.364	2.626
∞	.842	1.282	1.645	1.960	2.326	2.576

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Appendix B Tables

TABLE 3 CHI-SQUARE DISTRIBUTION



Entries in the table give χ^2_{α} values, where α is the area or probability in the upper tail of the chi-square distribution. For example, with 10 degrees of freedom and a .01 area in the upper tail, $\chi^2_{.01} = 23.209$.

Degrees					Area in U	pper Tail				
of Freedom	.995	.99	.975	.95	.90	.10	.05	.025	.01	.005
1	.000	.000	.001	.004	.016	2.706	3.841	5.024	6.635	7.879
2	.010	.020	.051	.103	.211	4.605	5.991	7.378	9.210	10.597
3	.072	.115	.216	.352	.584	6.251	7.815	9.348	11.345	12.838
4	.207	.297	.484	.711	1.064	7.779	9.488	11.143	13.277	14.860
5	.412	.554	.831	1.145	1.610	9.236	11.070	12.832	15.086	16.750
6	.676	.872	1.237	1.635	2.204	10.645	12.592	14.449	16.812	18.548
7	.989	1.239	1.690	2.167	2.833	12.017	14.067	16.013	18.475	20.278
8	1.344	1.647	2.180	2.733	3.490	13.362	15.507	17.535	20.090	21.955
9	1.735	2.088	2.700	3.325	4.168	14.684	16.919	19.023	21.666	23.589
10	2.156	2.558	3.247	3.940	4.865	15.987	18.307	20.483	23.209	25.188
11	2.603	3.053	3.816	4.575	5.578	17.275	19.675	21.920	24.725	26.757
12	3.074	3.571	4.404	5.226	6.304	18.549	21.026	23.337	26.217	28.300
13	3.565	4.107	5.009	5.892	7.041	19.812	22.362	24.736	27.688	29.819
14	4.075	4.660	5.629	6.571	7.790	21.064	23.685	26.119	29.141	31.319
15	4.601	5.229	6.262	7.261	8.547	22.307	24.996	27.488	30.578	32.801
16	5.142	5.812	6.908	7.962	9.312	23.542	26.296	28.845	32.000	34.267
17	5.697	6.408	7.564	8.672	10.085	24.769	27.587	30.191	33.409	35.718
18	6.265	7.015	8.231	9.390	10.865	25.989	28.869	31.526	34.805	37.156
19	6.844	7.633	8.907	10.117	11.651	27.204	30.144	32.852	36.191	38.582
20	7.434	8.260	9.591	10.851	12.443	28.412	31.410	34.170	37.566	39.997
21	8.034	8.897	10.283	11.591	13.240	29.615	32.671	35.479	38.932	41.401
22	8.643	9.542	10.982	12.338	14.041	30.813	33.924	36.781	40.289	42.796
23	9.260	10.196	11.689	13.091	14.848	32.007	35.172	38.076	41.638	44.181
24	9.886	10.856	12.401	13.848	15.659	33.196	36.415	39.364	42.980	45.558
25	10.520	11.524	13.120	14.611	16.473	34.382	37.652	40.646	44.314	46.928
26	11.160	12.198	13.844	15.379	17.292	35.563	38.885	41.923	45.642	48.290
27	11.808	12.878	14.573	16.151	18.114	36.741	40.113	43.195	46.963	49.645
28	12.461	13.565	15.308	16.928	18.939	37.916	41.337	44.461	48.278	50.994
29	13.121	14.256	16.047	17.708	19.768	39.087	42.557	45.722	49.588	52.335

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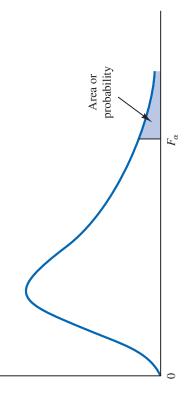
Appendix B Tables

 TABLE 3
 CHI-SQUARE DISTRIBUTION (Continued)

Degrees					Area	in Upper Ta	ail			
of Freedom	.995	.99	.975	.95	.90	.10	.05	.025	.01	.005
30	13.787	14.953	16.791	18.493	20.599	40.256	43.773	46.979	50.892	53.672
35	17.192	18.509	20.569	22.465	24.797	46.059	49.802	53.203	57.342	60.275
40	20.707	22.164	24.433	26.509	29.051	51.805	55.758	59.342	63.691	66.766
45	24.311	25.901	28.366	30.612	33.350	57.505	61.656	65.410	69.957	73.166
50	27.991	29.707	32.357	34.764	37.689	63.167	67.505	71.420	76.154	79.490
55	31.735	33.571	36.398	38.958	42.060	68.796	73.311	77.380	82.292	85.749
60	35.534	37.485	40.482	43.188	46.459	74.397	79.082	83.298	88.379	91.952
65	39.383	41.444	44.603	47.450	50.883	79.973	84.821	89.177	94.422	98.105
70	43.275	45.442	48.758	51.739	55.329	85.527	90.531	95.023	100.425	104.215
75	47.206	49.475	52.942	56.054	59.795	91.061	96.217	100.839	106.393	110.285
80	51.172	53.540	57.153	60.391	64.278	96.578	101.879	106.629	112.329	116.321
85	55.170	57.634	61.389	64.749	68.777	102.079	107.522	112.393	118.236	122.324
90	59.196	61.754	65.647	69.126	73.291	107.565	113.145	118.136	124.116	128.299
95	63.250	65.898	69.925	73.520	77.818	113.038	118.752	123.858	129.973	134.247
100	67.328	70.065	74.222	77.929	82.358	118.498	124.342	129.561	135.807	140.170

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TABLE 4 F DISTRIBUTION



Entries in the table give F_{α} values, where α is the area or probability in the upper tail of the F distribution. For example, with 4 numerator degrees of freedom, 8 denominator degrees of freedom, and a .05 area in the upper tail, $F_{.05} = 3.84$.

Denominator Degrees	Area in Upper									Numeral	tor Degree	Numerator Degrees of Freedom	Ħ.						
of Freedom	Tail	1	7	е	4	w	9	7	œ	6	10	15	20	25	30	40	09	100	1000
-	.10	39.86	49.50	53.59	55.83	57.24	58.20	58.91	59.44	59.86	60.19	61.22	61.74	62.05	62.26	62.53	62.79	63.01	63.30
	.05	161.45	199.50	215.71	224.58	230.16	233.99	236.77	238.88	240.54	241.88	245.95	248.02	249.26	250.10	251.14	252.20	253.04	254.19
	.025	647.79	799.48	864.15	899.60	921.83	937.11	948.20	956.64	963.28	968.63	984.87	993.08	60.866	1001.40	1005.60	1009.79	1013.16	1017.76
	.01	4052.18	4999.34	5403.53	5624.26	5763.96	5858.95	5928.33	5980.95	6022.40	6055.93	6156.97	6208.66	6239.86	6260.35	6286.43	6312.97	6333.92	6362.80
2	.10	8.53	9.00	9.16	9.24	9.29	9.33	9.35	9.37	9.38	9.39	9.42	9.44	9.45	9.46	9.47	9.47	9.48	9.49
	.05	18.51	19.00	19.16	19.25	19.30	19.33	19.35	19.37	19.38	19.40	19.43	19.45	19.46	19.46	19.47	19.48	19.49	19.49
	.025	38.51	39.00	39.17	39.25	39.30	39.33	39.36	39.37	39.39	39.40	39.43	39.45	39.46	39.46	39.47	39.48	39.49	39.50
	.01	98.50	99.00	99.16	99.25	99.30	99.33	99.36	99.38	99.39	99.40	99.43	99.45	99.46	99.47	99.48	99.48	99.49	99.50
ю	.10	5.54	5.46	5.39	5.34	5.31	5.28	5.27	5.25	5.24	5.23	5.20	5.18	5.17	5.17	5.16	5.15	5.14	5.13
	.05	10.13	9.55	9.28	9.12	9.01	8.94	8.89	8.85	8.81	8.79	8.70	8.66	8.63	8.62	8.59	8.57	8.55	8.53
	.025	17.44	16.04	15.44	15.10	14.88	14.73	14.62	14.54	14.47	14.42	14.25	14.17	14.12	14.08	14.04	13.99	13.96	13.91
	.01	34.12	30.82	29.46	28.71	28.24	27.91	27.67	27.49	27.34	27.23	26.87	26.69	26.58	26.50	26.41	26.32	26.24	26.14
4	.10	4.54	4.32	4.19	4.11	4.05	4.01	3.98	3.95	3.94	3.92	3.87	3.84	3.83	3.82	3.80	3.79	3.78	3.76
	.05	7.71	6.94	6.59	6.39	6.26	6.16	60.9	6.04	00.9	5.96	5.86	5.80	5.77	5.75	5.72	5.69	5.66	5.63
	.025	12.22	10.65	86.6	09.6	9:36	9.20	6.07	8.98	8.90	8.84	8.66	8.56	8.50	8.46	8.41	8.36	8.32	8.26
	.01	21.20	18.00	16.69	15.98	15.52	15.21	14.98	14.80	14.66	14.55	14.20	14.02	13.91	13.84	13.75	13.65	13.58	13.47
5	.10	4.06	3.78	3.62	3.52	3.45	3.40	3.37	3.34	3.32	3.30	3.324	3.21	3.19	3.17	3.16	3.14	3.13	3.11
	.05	6.61.	5.79	5.41	5.19	5.05	4.95	4.88	4.82	4.77	4.74	4.62	4.56	4.52	4.50	4.46	4.43	4.41	4.37
	.025	10.01	8.43	7.76	7.39	7.15	86.9	6.85	92.9	89.9	6.62	6.43	6.33	6.27	6.23	6.18	6.12	80.9	6.02
	.01	16.26	13.27	12.06	11.39	10.97	10.67	10.46	10.29	10.16	10.05	9.72	9.55	9.45	9.38	9.29	9.20	9.13	9.03

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TABLE 4 F DISTRIBUTION (Continued)

Denominator Degrees	Area in Upper								ž	umerator	Degrees of	Numerator Degrees of Freedom							
of Freedom	Tail	1	7	3	4	w	9	7	œ	6	10	15	70	25	30	40	09	100	1000
9	.10 .05 .025	3.78 5.99 8.81 13.75	3.46 5.14 7.26 10.92	3.29 4.76 6.60 9.78	3.18 4.53 6.23 9.15	3.11 4.39 5.99 8.75	3.05 4.28 5.82 8.47	3.01 4.21 5.70 8.26	2.98 4.15 5.60 8.10	2.96 4.10 5.52 7.98	2.94 4.06 5.46 7.87	2.87 3.94 5.27 7.56	2.84 3.87 5.17 7.40	2.81 3.83 5.11 7.30	2.80 3.81 5.07 7.23	2.78 3.77 5.01 7.14	2.76 3.74 4.96 7.06	2.75 3.71 4.92 6.99	2.72 3.67 4.86 6.89
_	.10 .05 .025	3.59 5.59 8.07 12.25	3.26 4.74 6.54 9.55	3.07 4.35 5.89 8.45	2.96 4.12 5.52 7.85	2.88 3.97 5.29 7.46	2.83 3.87 5.12 7.19	2.78 3.79 4.99 6.99	2.75 3.73 4.90 6.84	2.72 3.68 4.82 6.72	2.70 3.64 4.76 6.62	2.63 3.51 4.57 6.31	2.59 3.44 4.47 6.16	2.57 3.40 4.40 6.06	2.56 3.38 4.36 5.99	2.54 3.34 4.31 5.91	2.51 3.30 4.25 5.82	2.50 3.27 4.21 5.75	2.47 3.23 4.15 5.66
∞	.10 .05 .025	3.46 5.32 7.57 11.26	3.11 4.46 6.06 8.65	2.92 4.07 5.42 7.59	2.81 3.84 5.05 7.01	2.73 3.69 4.82 6.63	2.67 3.58 4.65 6.37	2.62 3.50 4.53 6.18	2.59 3.44 4.43 6.03	2.56 3.39 4.36 5.91	2.54 3.35 4.30 5.81	2.46 3.22 4.10 5.52	2.42 3.15 4.00 5.36	2.40 3.11 3.94 5.26	2.38 3.08 3.89 5.20	2.36 3.04 3.84 5.12	2.34 3.01 3.78 5.03	2.32 2.97 3.74 4.96	2.30 2.93 3.68 4.87
6	.10 .05 .025	3.36 5.12 7.21 10.56	3.01 4.26 5.71 8.02	2.81 3.86 5.08 6.99	2.69 3.63 4.72 6.42	2.61 3.48 4.48 6.06	2.55 3.37 4.32 5.80	2.51 3.29 4.20 5.61	2.47 3.23 4.10 5.47	2.44 3.18 4.03 5.35	2.42 3.14 3.96 5.26	2.34 3.01 3.77 4.96	2.30 2.94 3.67 4.81	2.27 2.89 3.60 4.71	2.25 2.86 3.56 4.65	2.23 2.83 3.51 4.57	2.21 2.79 3.45 4.48	2.19 2.76 3.40 4.41	2.16 2.71 3.34 4.32
10	.10 .05 .025	3.29 4.96 6.94 10.04	2.92 4.10 5.46 7.56	2.73 3.71 4.83 6.55	2.61 3.48 4.47 5.99	2.52 3.33 4.24 5.64	2.46 3.22 4.07 5.39	2.41 3.14 3.95 5.20	2.38 3.07 3.85 5.06	2.35 3.02 3.78 4.94	2.32 2.98 3.72 4.85	2.24 2.85 3.52 4.56	2.20 2.77 3.42 4.41	2.17 2.73 3.35 4.31	2.16 2.70 3.31 4.25	2.13 2.66 3.26 4.17	2.11 2.62 3.20 4.08	2.09 2.59 3.15 4.01	2.06 2.54 3.09 3.92
11	.10 .05 .025	3.23 4.84 6.72 9.65	2.86 3.98 5.26 7.21	2.66 3.59 4.63 6.22	2.54 3.36 4.28 5.67	2.45 3.20 4.04 5.32	2.39 3.09 3.88 5.07	2.34 3.01 3.76 4.89	2.30 2.95 3.66 4.74	2.27 2.90 3.59 4.63	2.25 2.85 3.53 4.54	2.17 2.72 3.33 4.25	2.12 2.65 3.23 4.10	2.10 2.60 3.16 4.01	2.08 2.57 3.12 3.94	2.05 2.53 3.06 3.86	2.03 2.49 3.00 3.78	2.01 2.46 2.96 3.71	1.98 2.41 2.89 3.61
12	.10 .05 .025	3.18 4.75 6.55 9.33	2.81 3.89 5.10 6.93	2.61 3.49 4.47 5.95	2.48 3.26 4.12 5.41	2.39 3.11 3.89 5.06	2.33 3.00 3.73 4.82	2.28 2.91 3.61 4.64	2.24 2.85 3.51 4.50	2.21 2.80 3.44 4.39	2.19 2.75 3.37 4.30	2.10 2.62 3.18 4.01	2.06 2.54 3.07 3.86	2.03 2.50 3.01 3.76	2.01 2.47 2.96 3.70	1.99 2.43 2.91 3.62	1.96 2.38 2.85 3.54	1.94 2.35 2.80 3.47	1.91 2.30 2.73 3.37
13	.10 .05 .025	3.14 4.67 6.41 9.07	2.76 3.81 4.97 6.70	2.56 3.41 4.35 5.74	2.43 3.18 4.00 5.21	2.35 3.03 3.77 4.86	2.28 2.92 3.60 4.62	2.23 2.83 3.48 4.44	2.20 2.77 3.39 4.30	2.16 2.71 3.31 4.19	2.14 2.67 3.25 4.10	2.05 2.53 3.05 3.82	2.01 2.46 2.95 3.66	1.98 2.41 2.88 3.57	1.96 2.38 2.84 3.51	1.93 2.34 2.78 3.43	1.90 2.30 2.72 3.34	1.88 2.26 2.67 3.27	1.85 2.21 2.60 3.18
14	.10 .05 .025	3.10 4.60 6.30 8.86	2.73 3.74 4.86 6.51	2.52 3.34 4.24 5.56	2.39 3.11 3.89 5.04	2.31 2.96 3.66 4.69	2.24 2.85 3.50 4.46	2.19 2.76 3.38 4.28	2.15 2.70 3.29 4.14	2.12 2.65 3.21 4.03	2.10 2.60 3.15 3.94	2.01 2.46 2.95 3.66	1.96 2.39 2.84 3.51	1.93 2.34 2.78 3.41	2.31 2.73 3.35	1.89 2.27 2.67 3.27	1.86 2.22 2.61 3.18	1.83 2.19 2.56 3.11	1.80 2.14 2.50 3.02
15	.10 .05 .025	3.07 4.54 6.20 8.68	2.70 3.68 4.77 6.36	2.49 3.29 4.15 5.42	2.36 3.06 3.80 4.89	2.27 2.90 3.58 4.56	2.21 2.79 3.41 4.32	2.16 2.71 3.29 4.14	2.12 2.64 3.20 4.00	2.09 2.59 3.12 3.89	2.06 2.54 3.06 3.80	1.97 2.40 2.86 3.52	1.92 2.33 2.76 3.37	1.89 2.28 2.69 3.28	1.87 2.25 2.64 3.21	1.85 2.20 2.59 3.13	1.82 2.16 2.52 3.05	1.79 2.12 2.47 2.98	1.76 2.07 2.40 2.88

Denominator Degrees	Area in Upper									Numera	Numerator Degrees of Freedom	es of Fre	edom						
of Freedom	Tail	-	2	3	4	w	9	7	œ	6	10	15	20	25	30	40	09	100	1000
91	.10 .05 .025	3.05 4.49 6.12 8.53	2.67 3.63 4.69 6.23	2.46 3.24 4.08 5.29	2.33 3.01 3.73 4.77	2.24 2.85 3.50 4.44	2.18 2.74 3.34 4.20	2.13 2.66 3.22 4.03	2.09 2.59 3.12 3.89	2.06 2.54 3.05 3.78	2.03 2.49 2.99 3.69	1.94 2.35 2.79 3.41	1.89 2.28 2.68 3.26	1.86 2.23 2.61 3.16	1.84 2.19 2.57 3.10	1.81 2.15 2.51 3.02	1.78 2.11 2.45 2.93	1.76 2.07 2.40 2.86	1.72 2.02 2.32 2.76
71	.10 .05 .025	3.03 4.45 6.04 8.40	2.64 3.59 4.62 6.11	2.44 3.20 4.01 5.19	2.31 2.96 3.66 4.67	2.22 2.81 3.44 4.34	2.15 2.70 3.28 4.10	2.10 2.61 3.16 3.93	2.06 2.55 3.06 3.79	2.03 2.49 2.98 3.68	2.00 2.45 2.92 3.59	1.91 2.31 2.72 3.31	1.86 2.23 2.62 3.16	1.83 2.18 2.55 3.07	1.81 2.15 2.50 3.00	1.78 2.10 2.44 2.92	1.75 2.06 2.38 2.83	1.73 2.02 2.33 2.33	1.69 1.97 2.26 2.66
18	.10 .05 .025	3.01 4.41 5.98 8.29	2.62 3.55 4.56 6.01	2.42 3.16 3.95 5.09	2.29 2.93 3.61 4.58	2.20 2.77 3.38 4.25	2.13 2.66 3.22 4.01	2.08 2.58 3.10 3.84	2.04 2.51 3.01 3.71	2.00 2.46 2.93 3.60	1.98 2.41 2.87 3.51	1.89 2.27 2.67 3.23	1.84 2.19 2.56 3.08	1.80 2.14 2.49 2.98	2.11 2.44 2.92	1.75 2.06 2.38 2.84	1.72 2.02 2.32 2.75	1.70 1.98 2.27 2.68	1.66 1.92 2.20 2.58
19	.10 .05 .025	2.99 4.38 5.92 8.18	2.61 3.52 4.51 5.93	2.40 3.13 3.90 5.01	2.27 2.90 3.56 4.50	2.18 2.74 3.33 4.17	2.11 2.63 3.17 3.94	2.06 2.54 3.05 3.77	2.02 2.48 2.96 3.63	1.98 2.42 2.88 3.52	1.96 2.38 2.82 3.43	1.86 2.23 2.62 3.15	1.81 2.16 2.51 3.00	2.11 2.44 2.91	1.76 2.07 2.39 2.84	1.73 2.03 2.33 2.76	1.70 1.98 2.27 2.67	1.67 1.94 2.22 2.60	1.64 1.88 2.14 2.50
20	.10 .05 .025	2.97 4.35 5.87 8.10	2.59 3.49 4.46 5.85	2.38 3.10 3.86 4.94	2.25 2.87 3.51 4.43	2.16 2.71 3.29 4.10	2.09 2.60 3.13 3.87	2.04 2.51 3.01 3.70	2.00 2.45 2.91 3.56	1.96 2.39 2.84 3.46	1.94 2.35 2.77 3.37	1.84 2.20 2.57 3.09	1.79 2.12 2.46 2.94	1.76 2.07 2.40 2.84	1.74 2.04 2.35 2.78	1.71 1.99 2.29 2.69	1.68 1.95 2.22 2.61	1.65 1.91 2.17 2.54	1.61 1.85 2.09 2.43
21	.10 .05 .025	2.96 4.32 5.83 8.02	2.57 3.47 4.42 5.78	2.36 3.07 3.82 4.87	2.23 2.84 3.48 4.37	2.14 2.68 3.25 4.04	2.08 2.57 3.09 3.81	2.02 2.49 2.97 3.64	1.98 2.42 2.87 3.51	1.95 2.37 2.80 3.40	1.92 2.32 2.73 3.31	1.83 2.18 2.53 3.03	1.78 2.10 2.42 2.88	1.74 2.05 2.36 2.79	1.72 2.01 2.31 2.72	1.69 1.96 2.25 2.64	1.66 1.92 2.18 2.55	1.63 1.88 2.13 2.48	1.59 1.82 2.05 2.37
22	.10 .05 .025	2.95 4.30 5.79 7.95	2.56 3.44 4.38 5.72	2.35 3.05 3.78 4.82	2.22 2.82 3.44 4.31	2.13 2.66 3.22 3.99	2.06 2.55 3.05 3.76	2.01 2.46 2.93 3.59	1.97 2.40 2.84 3.45	2.34 2.76 3.35	1.90 2.30 2.70 3.26	1.81 2.15 2.50 2.98	1.76 2.07 2.39 2.83	1.73 2.02 2.32 2.73	1.70 1.98 2.27 2.67	1.67 1.94 2.21 2.58	1.64 1.89 2.14 2.50	1.61 1.85 2.09 2.42	1.57 1.79 2.01 2.32
23	.10 .05 .025	2.94 4.28 5.75 7.88	2.55 3.42 4.35 5.66	2.34 3.03 3.75 4.76	2.21 2.80 3.41 4.26	2.11 2.64 3.18 3.94	2.05 2.53 3.02 3.71	1.99 2.44 2.90 3.54	1.95 2.37 2.81 3.41	1.92 2.32 2.73 3.30	1.89 2.27 2.67 3.21	1.80 2.13 2.47 2.93	1.74 2.05 2.36 2.78	1.71 2.00 2.29 2.69	1.69 1.96 2.24 2.62	1.66 1.91 2.18 2.54	1.62 1.86 2.11 2.45	1.59 1.82 2.06 2.37	1.55 1.76 1.98 2.27
24	.10 .05 .025	2.93 4.26 5.72 7.82	2.54 3.40 4.32 5.61	2.33 3.01 3.72 4.72	2.19 2.78 3.38 4.22	2.10 2.62 3.15 3.90	2.04 2.51 2.99 3.67	1.98 2.42 2.87 3.50	1.94 2.36 2.78 3.36	1.91 2.30 2.70 3.26	1.88 2.25 2.64 3.17	1.78 2.11 2.44 2.89	1.73 2.03 2.33 2.74	1.70 1.97 2.26 2.64	1.67 1.94 2.21 2.58	1.64 1.89 2.15 2.49	1.61 1.84 2.08 2.40	1.58 1.80 2.02 2.33	1.54 1.74 1.94 2.22

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TABLE 4 F DISTRIBUTION (Continued)

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Denominator Degrees	Area in Upper									Numera	Numerator Degrees of Freedom	es of Free	dom						
of Freedom	Tail	1	2	8	4	w	9	7	œ	6	10	15	20	25	30	40	09	100	1000
25	.10 .05 .025	2.92 4.24 5.69 7.77	2.53 3.39 4.29 5.57	2.32 2.99 3.69 4.68	2.18 2.76 3.35 4.18	2.09 2.60 3.13 3.85	2.02 2.49 2.97 3.63	1.97 2.40 2.85 3.46	1.93 2.34 2.75 3.32	1.89 2.28 2.68 3.22	1.87 2.24 2.61 3.13	1.77 2.09 2.41 2.85	1.72 2.01 2.30 2.70	1.68 1.96 2.23 2.60	1.66 1.92 2.18 2.54	1.63 1.87 2.12 2.45	1.59 1.82 2.05 2.36	1.56 1.78 2.00 2.29	1.52 1.72 1.91 2.18
26	.10 .05 .025	2.91 4.23 5.66 7.72	2.52 3.37 4.27 5.53	2.31 2.98 3.67 4.64	2.17 2.74 3.33 4.14	2.08 2.59 3.10 3.82	2.01 2.47 2.94 3.59	1.96 2.39 2.82 3.42	1.92 2.32 2.73 3.29	1.88 2.27 2.65 3.18	1.86 2.22 2.59 3.09	1.76 2.07 2.39 2.81	1.71 1.99 2.28 2.66	1.67 1.94 2.21 2.57	1.65 1.90 2.16 2.50	1.61 1.85 2.09 2.42	1.58 1.80 2.03 2.33	1.55 1.76 1.97 2.25	1.51 1.70 1.89 2.14
27	.10 .05 .025	2.90 4.21 5.63 7.68	2.51 3.35 4.24 5.49	2.30 2.96 3.65 4.60	2.17 2.73 3.31 4.11	2.07 2.57 3.08 3.78	2.00 2.46 2.92 3.56	1.95 2.37 2.80 3.39	1.91 2.31 2.71 3.26	1.87 2.25 2.63 3.15	1.85 2.20 2.57 3.06	1.75 2.06 2.36 2.78	1.70 1.97 2.25 2.63	1.66 1.92 2.18 2.54	1.64 1.88 2.13 2.47	1.60 1.84 2.07 2.38	1.57 1.79 2.00 2.29	1.54 1.74 1.94 2.22	1.50 1.68 1.86 2.11
78	.10 .05 .025	2.89 4.20 5.61 7.64	2.50 3.34 4.22 5.45	2.29 2.95 3.63 4.57	2.16 2.71 3.29 4.07	2.06 2.56 3.06 3.75	2.00 2.45 2.90 3.53	1.94 2.36 2.78 3.36	1.90 2.29 2.69 3.23	1.87 2.24 2.61 3.12	1.84 2.19 2.55 3.03	1.74 2.04 2.34 2.75	1.69 1.96 2.23 2.60	1.65 1.91 2.16 2.51	1.63 1.87 2.11 2.44	1.59 1.82 2.05 2.35	1.56 1.77 1.98 2.26	1.53 1.73 1.92 2.19	1.48 1.66 1.84 2.08
29	.10 .05 .025	2.89 4.18 5.59 7.60	2.50 3.33 4.20 5.42	2.28 2.93 3.61 4.54	2.15 2.70 3.27 4.04	2.06 2.55 3.04 3.73	1.99 2.43 2.88 3.50	1.93 2.35 2.76 3.33	1.89 2.28 2.67 3.20	1.86 2.22 2.59 3.09	1.83 2.18 2.53 3.00	1.73 2.03 2.32 2.73	1.68 1.94 2.21 2.57	1.64 1.89 2.14 2.48	1.62 1.85 2.09 2.41	1.58 1.81 2.03 2.33	1.55 1.75 1.96 2.23	1.52 1.71 1.90 2.16	1.47 1.65 1.82 2.05
30	.10 .05 .025	2.88 4.17 5.57 7.56	2.49 3.32 4.18 5.39	2.28 2.92 3.59 4.51	2.14 2.69 3.25 4.02	2.05 2.53 3.03 3.70	1.98 2.42 2.87 3.47	1.93 2.33 2.75 3.30	1.88 2.27 2.65 3.17	1.85 2.21 2.57 3.07	1.82 2.16 2.51 2.98	1.72 2.01 2.31 2.70	1.67 1.93 2.20 2.55	1.63 1.88 2.12 2.45	1.61 1.84 2.07 2.39	1.57 1.79 2.01 2.30	1.54 1.74 1.94 2.21	1.51 1.70 1.88 2.13	1.46 1.63 1.80 2.02
40	.10 .05 .025	2.84 4.08 5.42 7.31	2.44 3.23 4.05 5.18	2.23 2.84 3.46 4.31	2.09 2.61 3.13 3.83	2.00 2.45 2.90 3.51	1.93 2.34 2.74 3.29	1.87 2.25 2.62 3.12	1.83 2.18 2.53 2.99	1.79 2.12 2.45 2.89	1.76 2.08 2.39 2.80	1.66 1.92 2.18 2.52	1.61 1.84 2.07 2.37	1.57 1.78 1.99 2.27	1.54 1.74 1.94 2.20	1.51 1.69 1.88 2.11	1.47 1.64 1.80 2.02	1.43 1.59 1.74 1.94	1.38 1.52 1.65 1.82
09	.10 .05 .025	2.79 4.00 5.29 7.08	2.39 3.15 3.93 4.98	2.18 2.76 3.34 4.13	2.04 2.53 3.01 3.65	1.95 2.37 2.79 3.34	1.87 2.25 2.63 3.12	1.82 2.17 2.51 2.95	1.77 2.10 2.41 2.82	1.74 2.04 2.33 2.72	1.71 1.99 2.27 2.63	1.60 1.84 2.06 2.35	1.54 1.75 1.94 2.20	1.50 1.69 1.87 2.10	1.48 1.65 1.82 2.03	1.44 1.59 1.74 1.94	1.40 1.53 1.67 1.84	1.36 1.48 1.60 1.75	1.30 1.40 1.49 1.62
100	.10 .05 .025	2.76 3.94 5.18 6.90	2.36 3.09 3.83 4.82	2.14 2.70 3.25 3.98	2.00 2.46 2.92 3.51	1.91 2.31 2.70 3.21	1.83 2.19 2.54 2.99	1.78 2.10 2.42 2.82	1.73 2.03 2.32 2.69	1.69 1.97 2.24 2.59	1.66 1.93 2.18 2.50	1.56 1.77 1.97 2.22	1.49 1.68 1.85 2.07	1.45 1.62 1.77 1.97	1.42 1.57 1.71 1.89	1.38 1.52 1.64 1.80	1.34 1.45 1.56 1.69	1.29 1.39 1.48 1.60	1.22 1.30 1.36 1.45
1000	.10 .05 .025	2.71 3.85 5.04 6.66	2.31 3.00 3.70 4.63	2.09 2.61 3.13 3.80	1.95 2.38 2.80 3.34	1.85 2.22 2.58 3.04	1.78 2.11 2.42 2.82	1.72 2.02 2.30 2.66	1.68 1.95 2.20 2.53	1.64 1.89 2.13 2.43	1.61 1.84 2.06 2.34	1.49 1.68 1.85 2.06	1.43 1.58 1.72 1.90	1.38 1.52 1.64 1.79	1.35 1.47 1.58 1.72	1.30 1.41 1.50 1.61	1.25 1.33 1.41 1.50	1.20 1.26 1.32 1.38	1.08

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 TABLE 5
 BINOMIAL PROBABILITIES

Entries in the table give the probability of x successes in n trials of a binomial experiment, where p is the probability of a success on one trial. For example, with six trials and p = .05, the probability of two successes is .0305.

			p											
n	x	.01	.02	.03	.04	.05	.06	.07	.08	.09				
2	0	.9801	.9604	.9409	.9216	.9025	.8836	.8649	.8464	.8281				
	1	.0198	.0392	.0582	.0768	.0950	.1128	.1302	.1472	.1638				
	2	.0001	.0004	.0009	.0016	.0025	.0036	.0049	.0064	.0081				
3	0	.9703	.9412	.9127	.8847	.8574	.8306	.8044	.7787	.7536				
	1	.0294	.0576	.0847	.1106	.1354	.1590	.1816	.2031	.2236				
	2	.0003	.0012	.0026	.0046	.0071	.0102	.0137	.0177	.0221				
	3	.0000	.0000	.0000	.0001	.0001	.0002	.0003	.0005	.0007				
4	0	.9606	.9224	.8853	.8493	.8145	.7807	.7481	.7164	.6857				
	1	.0388	.0753	.1095	.1416	.1715	.1993	.2252	.2492	.2713				
	2	.0006	.0023	.0051	.0088	.0135	.0191	.0254	.0325	.0402				
	3	.0000	.0000	.0001	.0002	.0005	.0008	.0013	.0019	.0027				
	4	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001				
5	0	.9510	.9039	.8587	.8154	.7738	.7339	.6957	.6591	.6240				
	1	.0480	.0922	.1328	.1699	.2036	.2342	.2618	.2866	.3086				
	2	.0010	.0038	.0082	.0142	.0214	.0299	.0394	.0498	.0610				
	3	.0000	.0001	.0003	.0006	.0011	.0019	.0030	.0043	.0060				
	4	.0000	.0000	.0000	.0000	.0000	.0001	.0001	.0002	.0003				
	5	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000				
6	0	.9415	.8858	.8330	.7828	.7351	.6899	.6470	.6064	.5679				
	1	.0571	.1085	.1546	.1957	.2321	.2642	.2922	.3164	.3370				
	2	.0014	.0055	.0120	.0204	.0305	.0422	.0550	.0688	.0833				
	3	.0000	.0002	.0005	.0011	.0021	.0036	.0055	.0080	.0110				
	4	.0000	.0000	.0000	.0000	.0001	.0002	.0003	.0005	.0008				
	5	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000				
	6	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000				
7	0	.9321	.8681	.8080	.7514	.6983	.6485	.6017	.5578	.5168				
	1	.0659	.1240	.1749	.2192	.2573	.2897	.3170	.3396	.3578				
	2	.0020	.0076	.0162	.0274	.0406	.0555	.0716	.0886	.1061				
	3	.0000	.0003	.0008	.0019	.0036	.0059	.0090	.0128	.0175				
	4	.0000	.0000	.0000	.0001	.0002	.0004	.0007	.0011	.0017				
	5	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0001				
	6	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000				
	7	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000				
8	0	.9227	.8508	.7837	.7214	.6634	.6096	.5596	.5132	.4703				
	1	.0746	.1389	.1939	.2405	.2793	.3113	.3370	.3570	.3721				
	2	.0026	.0099	.0210	.0351	.0515	.0695	.0888	.1087	.1288				
	3	.0001	.0004	.0013	.0029	.0054	.0089	.0134	.0189	.0255				
	4	.0000	.0000	.0001	.0002	.0004	.0007	.0013	.0021	.0031				
	5	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0001	.0002				
	6	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000				
	7	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000				
	8	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000				

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 TABLE 5
 BINOMIAL PROBABILITIES (Continued)

		p											
n	x	.01	.02	.03	.04	.05	.06	.07	.08	.09			
9	0	.9135	.8337	.7602	.6925	.6302	.5730	.5204	.4722	.4279			
	1	.0830	.1531	.2116	.2597	.2985	.3292	.3525	.3695	.3809			
	2	.0034	.0125	.0262	.0433	.0629	.0840	.1061	.1285	.1507			
	3	.0001	.0006	.0019	.0042	.0077	.0125	.0186	.0261	.0348			
	4	.0000	.0000	.0001	.0003	.0006	.0012	.0021	.0034	.0052			
	5	.0000	.0000	.0000	.0000	.0000	.0001	.0002	.0003	.0005			
	6	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			
	7	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			
	8	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			
	9	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			
10	0	.9044	.8171	.7374	.6648	.5987	.5386	.4840	.4344	.3894			
	1	.0914	.1667	.2281	.2770	.3151	.3438	.3643	.3777	.3851			
	2	.0042	.0153	.0317	.0519	.0746	.0988	.1234	.1478	.1714			
	3	.0001	.0008	.0026	.0058	.0105	.0168	.0248	.0343	.0452			
	4	.0000	.0000	.0001	.0004	.0010	.0019	.0033	.0052	.0078			
	5	.0000	.0000	.0000	.0000	.0001	.0001	.0003	.0005	.0009			
	6	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001			
	7	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			
	8	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			
	9	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			
	10	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			
12	0	.8864	.7847	.6938	.6127	.5404	.4759	.4186	.3677	.3225			
	1	.1074	.1922	.2575	.3064	.3413	.3645	.3781	.3837	.3827			
	2	.0060	.0216	.0438	.0702	.0988	.1280	.1565	.1835	.2082			
	3	.0002	.0015	.0045	.0098	.0173	.0272	.0393	.0532	.0686			
	4	.0000	.0001	.0003	.0009	.0021	.0039	.0067	.0104	.0153			
	5	.0000	.0000	.0000	.0001	.0002	.0004	.0008	.0014	.0024			
	6	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0001	.0003			
	7	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			
	8	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			
	9	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			
	10	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			
	11	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			
	12	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			
15	0	.8601	.7386	.6333	.5421	.4633	.3953	.3367	.2863	.2430			
	1	.1303	.2261	.2938	.3388	.3658	.3785	.3801	.3734	.3605			
	2	.0092	.0323	.0636	.0988	.1348	.1691	.2003	.2273	.2496			
	3	.0004	.0029	.0085	.0178	.0307	.0468	.0653	.0857	.1070			
	4	.0000	.0002	.0008	.0022	.0049	.0090	.0148	.0223	.0317			
	5	.0000	.0000	.0001	.0002	.0006	.0013	.0024	.0043	.0069			
	6	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0006	.0011			
	7	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0001			
	8	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			
	9	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			
	10	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			
	11	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			
	12	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			
	13	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			
	14	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			
	15	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000			

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 TABLE 5
 BINOMIAL PROBABILITIES (Continued)

						p				
n	x	.01	.02	.03	.04	.05	.06	.07	.08	.09
18	0	.8345	.6951	.5780	.4796	.3972	.3283	.2708	.2229	.1831
	1	.1517	.2554	.3217	.3597	.3763	.3772	.3669	.3489	.3260
	2	.0130	.0443	.0846	.1274	.1683	.2047	.2348	.2579	.2741
	3	.0007	.0048	.0140	.0283	.0473	.0697	.0942	.1196	.1446
	4	.0000	.0004	.0016	.0044	.0093	.0167	.0266	.0390	.0536
	5	.0000	.0000	.0001	.0005	.0014	.0030	.0056	.0095	.0148
	6	.0000	.0000	.0000	.0000	.0002	.0004	.0009	.0018	.0032
	7	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0005
	8	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	9	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	10	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	11	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	12	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	13	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	14	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	15	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	16	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	17	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	18	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
20	0	.8179	.6676	.5438	.4420	.3585	.2901	.2342	.1887	.1516
	1	.1652	.2725	.3364	.3683	.3774	.3703	.3526	.3282	.3000
	2	.0159	.0528	.0988	.1458	.1887	.2246	.2521	.2711	.2818
	3	.0010	.0065	.0183	.0364	.0596	.0860	.1139	.1414	.1672
	4	.0000	.0006	.0024	.0065	.0133	.0233	.0364	.0523	.0703
	5	.0000	.0000	.0002	.0009	.0022	.0048	.0088	.0145	.0222
	6	.0000	.0000	.0000	.0001	.0003	.0008	.0017	.0032	.0055
	7	.0000	.0000	.0000	.0000	.0000	.0001	.0002	.0005	.0011
	8	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0002
	9	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	10	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	11	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	12	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	13	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	14	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	15	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	16	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	17	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	18	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	19	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	20	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

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 TABLE 5
 BINOMIAL PROBABILITIES (Continued)

		<i>p</i>											
n	x	.10	.15	.20	.25	.30	.35	.40	.45	.50			
2	0	.8100	.7225	.6400	.5625	.4900	.4225	.3600	.3025	.2500			
	1	.1800	.2550	.3200	.3750	.4200	.4550	.4800	.4950	.5000			
	2	.0100	.0225	.0400	.0625	.0900	.1225	.1600	.2025	.2500			
3	0	.7290	.6141	.5120	.4219	.3430	.2746	.2160	.1664	.1250			
	1	.2430	.3251	.3840	.4219	.4410	.4436	.4320	.4084	.3750			
	2	.0270	.0574	.0960	.1406	.1890	.2389	.2880	.3341	.3750			
	3	.0010	.0034	.0080	.0156	.0270	.0429	.0640	.0911	.1250			
4	0	.6561	.5220	.4096	.3164	.2401	.1785	.1296	.0915	.0625			
	1	.2916	.3685	.4096	.4219	.4116	.3845	.3456	.2995	.2500			
	2	.0486	.0975	.1536	.2109	.2646	.3105	.3456	.3675	.3750			
	3	.0036	.0115	.0256	.0469	.0756	.1115	.1536	.2005	.2500			
	4	.0001	.0005	.0016	.0039	.0081	.0150	.0256	.0410	.0625			
5	0	.5905	.4437	.3277	.2373	.1681	.1160	.0778	.0503	.0312			
	1	.3280	.3915	.4096	.3955	.3602	.3124	.2592	.2059	.1562			
	2	.0729	.1382	.2048	.2637	.3087	.3364	.3456	.3369	.3125			
	3	.0081	.0244	.0512	.0879	.1323	.1811	.2304	.2757	.3125			
	4	.0004	.0022	.0064	.0146	.0284	.0488	.0768	.1128	.1562			
	5	.0000	.0001	.0003	.0010	.0024	.0053	.0102	.0185	.0312			
6	0	.5314	.3771	.2621	.1780	.1176	.0754	.0467	.0277	.0156			
	1	.3543	.3993	.3932	.3560	.3025	.2437	.1866	.1359	.0938			
	2	.0984	.1762	.2458	.2966	.3241	.3280	.3110	.2780	.2344			
	3	.0146	.0415	.0819	.1318	.1852	.2355	.2765	.3032	.3125			
	4	.0012	.0055	.0154	.0330	.0595	.0951	.1382	.1861	.2344			
	5	.0001	.0004	.0015	.0044	.0102	.0205	.0369	.0609	.0938			
	6	.0000	.0000	.0001	.0002	.0007	.0018	.0041	.0083	.0156			
7	0	.4783	.3206	.2097	.1335	.0824	.0490	.0280	.0152	.0078			
	1	.3720	.3960	.3670	.3115	.2471	.1848	.1306	.0872	.0547			
	2	.1240	.2097	.2753	.3115	.3177	.2985	.2613	.2140	.1641			
	3	.0230	.0617	.1147	.1730	.2269	.2679	.2903	.2918	.2734			
	4	.0026	.0109	.0287	.0577	.0972	.1442	.1935	.2388	.2734			
	5	.0002	.0012	.0043	.0115	.0250	.0466	.0774	.1172	.1641			
	6	.0000	.0001	.0004	.0013	.0036	.0084	.0172	.0320	.0547			
	7	.0000	.0000	.0000	.0001	.0002	.0006	.0016	.0037	.0078			
8	0	.4305	.2725	.1678	.1001	.0576	.0319	.0168	.0084	.0039			
	1	.3826	.3847	.3355	.2670	.1977	.1373	.0896	.0548	.0312			
	2	.1488	.2376	.2936	.3115	.2965	.2587	.2090	.1569	.1094			
	3	.0331	.0839	.1468	.2076	.2541	.2786	.2787	.2568	.2188			
	4	.0046	.0185	.0459	.0865	.1361	.1875	.2322	.2627	.2734			
	5	.0004	.0026	.0092	.0231	.0467	.0808	.1239	.1719	.2188			
	6	.0000	.0002	.0011	.0038	.0100	.0217	.0413	.0703	.1094			
	7	.0000	.0000	.0001	.0004	.0012	.0033	.0079	.0164	.0313			
	8	.0000	.0000	.0000	.0000	.0001	.0002	.0007	.0017	.0039			

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 TABLE 5
 BINOMIAL PROBABILITIES (Continued)

9 0 .3874 .2316 .1342 .0751 .0404 .0207 .0101 .0046 .00 1							p				
1 3874 3679 3020 2253 1.1556 1.004 0.605 0.0339 0.01 2 1.1722 2.597 3.020 3.003 2.668 2.162 1.1612 1.1110 0.07 3 0.0446 1.069 1.1762 2.2336 2.668 2.216 2.2508 2.2119 1.6 4 0.074 0.0283 0.661 1.168 1.1715 2.194 2.508 2.600 2.4 5 0.008 0.050 0.165 0.389 0.735 1.181 1.672 2.128 2.600 2.4 6 0.001 0.006 0.0028 0.087 0.210 0.0424 0.743 1.160 1.6 7 0.000 0.000 0.000 0.001 0.0039 0.098 0.0212 0.0407 0.07 8 0.000 0.000 0.000 0.001 0.0039 0.098 0.0212 0.0407 0.07 9 0.000 0.000 0.000 0.000 0.000 0.001 0.003 0.008 0.00 10 0 3.487 1.969 1.074 0.563 0.282 0.135 0.060 0.025 0.00 1 3.874 3.474 2.684 1.877 1.211 0.0725 0.403 0.207 0.00 2 1 3.874 3.474 2.684 1.877 1.211 0.0725 0.403 0.207 0.00 3 3 0.574 1.298 2.013 2.503 2.668 2.522 2.150 1.665 1.1 4 0.112 0.401 0.881 1.460 2.001 2.377 2.508 2.384 2.0 5 0.015 0.0085 0.0264 0.084 1.029 1.536 2.007 2.340 2.0 8 0.000 0.000 0.0001 0.004 0.014 0.043 0.1166 0.029 0.00 8 0.000 0.000 0.000 0.000 0.001 0.005 0.016 0.042 0.0 10 0.000 0.000 0.000 0.000 0.000 0.001 0.005 0.016 0.042 0.0 10 0.000 0.000 0.000 0.000 0.000 0.000 0.001 0.003 0.000 10 0.000 0.000 0.000 0.000 0.000 0.000 0.001 0.003 0.000 10 0.000 0.000 0.000 0.000 0.000 0.000 0.001 0.003 0.000 10 0.000	n	x	.10	.15	.20	.25	.30	.35	.40	.45	.50
2	9	0	.3874	.2316	.1342	.0751	.0404	.0207	.0101	.0046	.0020
3			.3874	.3679	.3020	.2253	.1556	.1004	.0605	.0339	.0176
4							.2668				.0703
5 .0008 .0050 .0165 .0389 .0735 .1181 .1672 .2128 .24 6 .0001 .0006 .0028 .0087 .0210 .0424 .0743 .1160 .16 7 .0000 .0000 .0000 .0001 .0004 .0013 .0035 .0083 .01 8 .0000 .0000 .0000 .0000 .0000 .0001 .0003 .0035 .0033 10 .03487 .1969 .1074 .0563 .0282 .0135 .0060 .0025 2 .1937 .2759 .3020 .2816 .2335 .1757 .1209 .0763 .04 3 .0574 .1298 .2013 .2503 .2668 .2522 .2150 .1665 .11 4 .0112 .0041 .0881 .1460 .2001 .2340 .24 5 .0015 .0085 .0264 .0584 .1029 .1536 <td></td> <td></td> <td>.0446</td> <td></td> <td>.1762</td> <td></td> <td>.2668</td> <td></td> <td></td> <td></td> <td>.1641</td>			.0446		.1762		.2668				.1641
6											.2461
7 .0000 .0000 .0000 .0001 .0004 .0013 .0035 .0083 .007 .0003 .0003 .0003 .0003 .0003 .0003 .0008 .000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0003 .0008 .00 10 0 .3487 .1969 .1074 .0563 .0282 .0135 .0043 .0207 .00 2 .1937 .2759 .3020 .2816 .2335 .1757 .1209 .0763 .04 3 .0574 .1298 .2013 .2503 .2668 .2522 .2150 .1665 .11 4 .0112 .0401 .0881 .1460 .2001 .2340 .24 6 .0001 .0012 .0055 .0162 .0368 .0689 .1115 .1596 .20 7 .0000 .00001 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>.2461</td></t<>											.2461
8 .0000 .0000 .0000 .0001 .0004 .0013 .0035 .0083 .0108 .0089 .0000 .0000 .0000 .0001 .0003 .0008 .										.1160	.1641
9 0.000 0.000 0.000 0.000 0.000 0.001 0.003 0.008 0.001											.0703
10											.0176
1 3.874 3.474 2.684 1.877 1.211 0.725 0.0403 0.027 0.00 2 1.1937 2.759 3.020 2.816 2.335 1.757 1.1209 0.763 0.4 4 0.112 0.401 0.881 1.1460 2.001 2.377 2.508 2.384 2.0 5 0.0115 0.0885 0.264 0.0584 1.029 1.536 2.007 2.340 2.4 6 0.0001 0.012 0.055 0.162 0.368 0.689 1.115 1.596 2.0 7 0.000 0.0001 0.0008 0.031 0.090 0.212 0.0425 0.746 1.1 8 0.0000 0.0000 0.0001 0.0004 0.0014 0.0043 0.106 0.229 0.4 9 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.003 0.000 10 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0001 0.003 0.001 12 0 2.824 1.422 0.687 0.317 0.138 0.057 0.022 0.008 0.0 1 3.766 3.012 2.2662 1.267 0.7112 0.368 0.174 0.075 0.0 2 2.301 2.924 2.835 2.323 1.678 1.088 0.639 0.339 0.1 3 0.853 1.1720 2.362 2.581 2.397 1.1954 1.4119 0.923 0.5 4 0.213 0.683 1.329 1.936 2.311 2.367 2.128 1.700 1.12 5 0.038 0.193 0.532 1.032 1.585 2.039 2.270 2.225 1.9 6 0.0005 0.040 0.0155 0.401 0.0792 1.281 1.766 2.124 2.2 7 0.0000 0.0006 0.0033 0.0115 0.0291 0.0591 1.009 1.489 1.9 8 0.000 0.0000 0.0001 0.0005 0.0024 0.078 0.0199 0.0420 0.0762 1.2 9 0.0000		9	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0008	.0020
2	10	0	.3487	.1969	.1074	.0563	.0282	.0135	.0060	.0025	.0010
3										.0207	.0098
4			.1937	.2759	.3020	.2816	.2335	.1757	.1209	.0763	.0439
5 .0015 .0085 .0264 .0584 .1029 .1536 .2007 .2340 .24 6 .0001 .0012 .0055 .0162 .0368 .0689 .1115 .1596 .20 7 .0000 .0000 .0001 .0008 .0031 .0090 .0212 .0425 .0746 .11 8 .0000 .0000 .0000 .0001 .0004 .0014 .0043 .0106 .0229 .04 9 .0000 .0000 .0000 .0000 .0000 .0001 .0005 .0016 .0042 .00 10 .0000 .0000 .0000 .0000 .0000 .0001 .0003 .00 12 .2324 .0422 .0687 .0317 .0138 .0057 .0022 .0008 .00 1 .3766 .3012 .2662 .1267 .0712 .0368 .0174 .0075 .00 2 .23301		3	.0574	.1298	.2013	.2503	.2668	.2522	.2150	.1665	.1172
6 .0001 .0012 .0055 .0162 .0368 .0689 .1115 .1596 .20 7 .0000 .0001 .0008 .0031 .0090 .0212 .0425 .0746 .11 8 .0000 .0000 .0000 .0001 .0001 .0005 .0016 .0229 .04 9 .0000 .0000 .0000 .0001 .0005 .0016 .0042 .00 10 .0000 .0000 .0000 .0000 .0000 .0001 .0001 .0003 .00 12 0 .2824 .1422 .0687 .0317 .0138 .0057 .0022 .0008 .00 1 .3766 .3012 .2062 .1267 .0712 .0368 .0174 .0075 .00 2 .2301 .2924 .2835 .2323 .1678 .1088 .0639 .0339 .01 3 .0853 .1329 .1936			.0112	.0401	.0881	.1460	.2001	.2377	.2508	.2384	.2051
7 .0000 .0001 .0008 .0031 .0090 .0212 .0425 .0746 .11 8 .0000 .0000 .0001 .0004 .0014 .0043 .0106 .0229 .04 9 .0000 .0000 .0000 .0000 .0000 .0000 .0001 .0003 .00 10 .0000 .0000 .0000 .0000 .0000 .0001 .0003 .00 12 0 .2824 .1422 .0687 .0317 .0138 .0057 .0022 .0008 .00 2 .2301 .2924 .2835 .2323 .1678 .1088 .0639 .0339 .01 3 .0853 .1720 .2362 .2581 .2397 .1954 .1419 .0923 .05 4 .0213 .0683 .1329 .1936 .2311 .2367 .2128 .1700 .12 5 .0038 .0193 .0552		5	.0015	.0085	.0264	.0584	.1029	.1536	.2007	.2340	.2461
8 .0000 .0000 .0001 .0004 .0014 .0043 .0106 .0229 .04 9 .0000 .0000 .0000 .0001 .0005 .0016 .0042 .00 10 .0000 .0000 .0000 .0000 .0000 .0001 .0003 .00 12 0 .2824 .1422 .0687 .0317 .0138 .0057 .0022 .0008 .00 1 .3766 .3012 .2062 .1267 .0712 .0368 .0174 .0075 .00 2 .2301 .2924 .2835 .2323 .1678 .1088 .0639 .0339 .01 3 .0853 .1720 .2362 .2581 .2397 .1954 .1419 .0923 .05 4 .0213 .0683 .1332 .1936 .2311 .2367 .2128 .1700 .12 5 .0038 .0193 .0552 .1032		6	.0001	.0012	.0055	.0162	.0368	.0689	.1115	.1596	.2051
9 .0000 .0000 .0000 .0000 .0001 .0005 .0016 .0042 .00 10 .0000 .0000 .0000 .0000 .0000 .0001 .0003 .00 12 0 .2824 .1422 .0687 .0317 .0138 .0057 .0022 .0008 .00 1 .3766 .3012 .2062 .1267 .0712 .0368 .0174 .0075 .00 2 .2301 .2924 .2835 .2323 .1678 .1088 .0639 .0339 .01 3 .0883 .1720 .2362 .2581 .2397 .1954 .1419 .0923 .05 4 .0213 .0683 .1329 .1936 .2311 .2367 .2128 .1700 .12 5 .0038 .0193 .0552 .1032 .1585 .2039 .2270 .2225 .19 6 .0005 .0040 .0155			.0000	.0001	.0008	.0031	.0090	.0212	.0425	.0746	.1172
10		8	.0000	.0000	.0001	.0004	.0014	.0043	.0106	.0229	.0439
12 0 2.824		9	.0000	.0000	.0000	.0000	.0001	.0005	.0016	.0042	.0098
1 .3766 .3012 .2062 .1267 .0712 .0368 .0174 .0075 .00 2 .2301 .2924 .2835 .2323 .1678 .1088 .0639 .0339 .01 3 .0853 .1720 .2362 .2581 .2397 .1954 .1419 .0923 .05 4 .0213 .0683 .1329 .1936 .2311 .2367 .2128 .1700 .12 5 .0038 .0193 .0532 .1032 .1585 .2039 .2270 .2225 .19 6 .0005 .0040 .0155 .0401 .0792 .1281 .1766 .2124 .22 7 .0000 .0006 .0033 .0115 .0291 .0591 .1009 .1489 .19 8 .0000 .0001 .0005 .0024 .0078 .0199 .0420 .0762 .12 9 .0000 .0000 .0001		10	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0010
2 .2301 .2924 .2835 .2323 .1678 .1088 .0639 .0339 .01 3 .0853 .1720 .2362 .2581 .2397 .1954 .1419 .0923 .05 4 .0213 .0683 .1329 .1936 .2311 .2367 .2128 .1700 .12 5 .0038 .0193 .0532 .1032 .1585 .2039 .2270 .2225 .19 6 .0005 .0040 .0155 .0401 .0792 .1281 .1766 .2124 .22 7 .0000 .0006 .0033 .0115 .0291 .0591 .1009 .1489 .19 8 .0000 .0001 .0005 .0024 .0078 .0199 .0420 .0762 .12 9 .0000 .0000 .0001 .0004 .0015 .0048 .0125 .0277 .05 10 .0000 .0000 .0000	12	0	.2824	.1422	.0687	.0317	.0138	.0057	.0022	.0008	.0002
3 .0853 .1720 .2362 .2581 .2397 .1954 .1419 .0923 .05 4 .0213 .0683 .1329 .1936 .2311 .2367 .2128 .1700 .12 5 .0038 .0193 .0532 .1032 .1585 .2039 .2270 .2225 .19 6 .0005 .0040 .0155 .0401 .0792 .1281 .1766 .2124 .22 7 .0000 .0006 .0033 .0115 .0291 .0591 .1009 .1489 .19 8 .0000 .0001 .0005 .0024 .0078 .0199 .0420 .0762 .12 9 .0000 .0000 .0001 .0004 .0015 .0048 .0125 .0277 .05 10 .0000 .0000 .0000 .0000 .0000 .0001 .0003 .0010 .000 12 .0000 .0000 .0000		1	.3766	.3012	.2062	.1267	.0712	.0368	.0174	.0075	.0029
4 .0213 .0683 .1329 .1936 .2311 .2367 .2128 .1700 .12 5 .0038 .0193 .0532 .1032 .1585 .2039 .2270 .2225 .19 6 .0005 .0040 .0155 .0401 .0792 .1281 .1766 .2124 .22 7 .0000 .0006 .0033 .0115 .0291 .0591 .1009 .1489 .19 8 .0000 .0001 .0005 .0024 .0078 .0199 .0420 .0762 .12 9 .0000 .0000 .0001 .0004 .0015 .0048 .0125 .0277 .05 10 .0000 .0000 .0000 .0000 .0002 .0008 .0025 .0068 .01 11 .0000 .0000 .0000 .0000 .0000 .0000 .0001 .000 12 .0000 .0874 .0352 .0134		2	.2301	.2924	.2835	.2323	.1678	.1088	.0639	.0339	.0161
5 .0038 .0193 .0532 .1032 .1585 .2039 .2270 .2225 .19 6 .0005 .0040 .0155 .0401 .0792 .1281 .1766 .2124 .22 7 .0000 .0006 .0033 .0115 .0291 .0591 .1009 .1489 .19 8 .0000 .0001 .0005 .0024 .0078 .0199 .0420 .0762 .12 9 .0000 .0000 .0001 .0004 .0015 .0048 .0125 .0277 .05 10 .0000 .0000 .0000 .0000 .0002 .0008 .0025 .0068 .01 11 .0000 .0000 .0000 .0000 .0000 .0000 .0001 .0003 .0010 .00 15 0 .2059 .0874 .0352 .0134 .0047 .0016 .0005 .0001 .00 15 0		3	.0853	.1720	.2362	.2581	.2397	.1954	.1419	.0923	.0537
6 .0005 .0040 .0155 .0401 .0792 .1281 .1766 .2124 .22 7 .0000 .0006 .0033 .0115 .0291 .0591 .1009 .1489 .19 8 .0000 .0001 .0005 .0024 .0078 .0199 .0420 .0762 .12 9 .0000 .0000 .0001 .0004 .0015 .0048 .0125 .0277 .05 10 .0000 .0000 .0000 .0000 .0000 .0000 .0003 .0010 .00 11 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0001 .0003 .0010 .00 15 0 .2059 .0874 .0352 .0134 .0047 .0016 .0005 .0001 .00 15 0 .2059 .0874 .0352 .0134 .0047 .0016 .0047 .0016 .00 .0001		4	.0213	.0683	.1329	.1936	.2311	.2367	.2128	.1700	.1208
7 .0000 .0006 .0033 .0115 .0291 .0591 .1009 .1489 .19 8 .0000 .0001 .0005 .0024 .0078 .0199 .0420 .0762 .12 9 .0000 .0000 .0001 .0004 .0015 .0048 .0125 .0277 .05 10 .0000 .0000 .0000 .0000 .0000 .0002 .0008 .0025 .0068 .01 11 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0001 .0003 .0010 .00 12 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0001 .000		5	.0038	.0193	.0532	.1032	.1585	.2039	.2270	.2225	.1934
8 .0000 .0001 .0005 .0024 .0078 .0199 .0420 .0762 .12 9 .0000 .0000 .0001 .0004 .0015 .0048 .0125 .0277 .05 10 .0000 .0000 .0000 .0000 .0002 .0008 .0025 .0068 .01 11 .0000 .0000 .0000 .0000 .0000 .0000 .0001 .0003 .0010 .00 12 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0001 .00 15 0 .2059 .0874 .0352 .0134 .0047 .0016 .0005 .0001 .00 1 .3432 .2312 .1319 .0668 .0305 .0126 .0047 .0016 .00 2 .2669 .2856 .2309 .1559 .0916 .0476 .0219 .0090 .00 3 .1285		6	.0005	.0040	.0155	.0401	.0792	.1281	.1766	.2124	.2256
9 .0000 .0000 .0001 .0004 .0015 .0048 .0125 .0277 .05 10 .0000 .0000 .0000 .0000 .0002 .0008 .0025 .0068 .01 11 .0000 .0000 .0000 .0000 .0000 .0000 .0001 .0003 .0010 .000 12 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0001 1 .3432 .2312 .1319 .0668 .0305 .0126 .0047 .0016 .00 2 .2669 .2856 .2309 .1559 .0916 .0476 .0219 .0090 .00 3 .1285 .2184 .2501 .2252 .1700 .1110 .0634 .0318 .01 4 .0428 .1156 .1876 .2252 .2186 .1792 .1268 .0780 .04 5 .0105 .0449 .1032 .1651 .2061 .2123 .1859 .1404 .09 6 .0019 .0132 .0430 .0917 .1472 .1906 .2066 .1914 .15 7 .0003 .0030 .0138 .0393 .0811 .1319 .1771 .2013 .19 8 .0000 .0005 .0035 .0131 .0348 .0710 .1181 .1647 .19 9 .0000 .0001 .0007 .0034 .0016 .0298 .0612 .1048 .15 10 .0000 .0000 .0001 .0007 .0034 .0016 .0298 .0612 .1048 .15 10 .0000 .0000 .0000 .0001 .0007 .0030 .0096 .0245 .0515 .09 11 .0000 .0000 .0000 .0000 .0001 .0006 .0024 .0074 .0191 .04 12 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0001 .0003 .0010 .000 14 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0001 .0000		7	.0000	.0006	.0033	.0115	.0291	.0591	.1009	.1489	.1934
10 .0000 .0000 .0000 .0002 .0008 .0025 .0068 .01 11 .0000 .0000 .0000 .0000 .0000 .0001 .0003 .0010 .00 12 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0001 .00 15 0 .2059 .0874 .0352 .0134 .0047 .0016 .0005 .0001 .00 1 .3432 .2312 .1319 .0668 .0305 .0126 .0047 .0016 .00 2 .2669 .2856 .2309 .1559 .0916 .0476 .0219 .0090 .00 3 .1285 .2184 .2501 .2252 .1700 .1110 .0634 .0318 .01 4 .0428 .1156 .1876 .2252 .2186 .1792 .1268 .0780 .04 5 .0105 .0449 .1032		8	.0000	.0001	.0005	.0024	.0078	.0199	.0420	.0762	.1208
11 .0000 .0000 .0000 .0000 .0000 .0001 .0003 .0010 .00 12 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0001 .00 15 0 .2059 .0874 .0352 .0134 .0047 .0016 .0005 .0001 .00 1 .3432 .2312 .1319 .0668 .0305 .0126 .0047 .0016 .00 2 .2669 .2856 .2309 .1559 .0916 .0476 .0219 .0090 .00 3 .1285 .2184 .2501 .2252 .1700 .1110 .0634 .0318 .01 4 .0428 .1156 .1876 .2252 .2186 .1792 .1268 .0780 .04 5 .0105 .0449 .1032 .1651 .2061 .2123 .1859 .1404 .09 6 .0019 .0132		9	.0000	.0000	.0001	.0004	.0015	.0048	.0125	.0277	.0537
12 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0001 .0001 15 0 .2059 .0874 .0352 .0134 .0047 .0016 .0005 .0001 .00 1 .3432 .2312 .1319 .0668 .0305 .0126 .0047 .0016 .00 2 .2669 .2856 .2309 .1559 .0916 .0476 .0219 .0090 .00 3 .1285 .2184 .2501 .2252 .1700 .1110 .0634 .0318 .01 4 .0428 .1156 .1876 .2252 .2186 .1792 .1268 .0780 .04 5 .0105 .0449 .1032 .1651 .2061 .2123 .1859 .1404 .09 6 .0019 .0132 .0430 .0917 .1472 .1906 .2066 .1914 .15 7 .0003 .0030		10	.0000	.0000	.0000	.0000	.0002	.0008	.0025	.0068	.0161
15		11	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0010	.0029
1 .3432 .2312 .1319 .0668 .0305 .0126 .0047 .0016 .00 2 .2669 .2856 .2309 .1559 .0916 .0476 .0219 .0090 .00 3 .1285 .2184 .2501 .2252 .1700 .1110 .0634 .0318 .01 4 .0428 .1156 .1876 .2252 .2186 .1792 .1268 .0780 .04 5 .0105 .0449 .1032 .1651 .2061 .2123 .1859 .1404 .09 6 .0019 .0132 .0430 .0917 .1472 .1906 .2066 .1914 .15 7 .0003 .0030 .0138 .0393 .0811 .1319 .1771 .2013 .19 8 .0000 .0005 .0035 .0131 .0348 .0710 .1181 .1647 .19 9 .0000 .0001 .0007 .0034 .0016 .0298 .0612 .1048 .15 10		12	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0002
2 .2669 .2856 .2309 .1559 .0916 .0476 .0219 .0090 .00 3 .1285 .2184 .2501 .2252 .1700 .1110 .0634 .0318 .01 4 .0428 .1156 .1876 .2252 .2186 .1792 .1268 .0780 .04 5 .0105 .0449 .1032 .1651 .2061 .2123 .1859 .1404 .09 6 .0019 .0132 .0430 .0917 .1472 .1906 .2066 .1914 .15 7 .0003 .0030 .0138 .0393 .0811 .1319 .1771 .2013 .19 8 .0000 .0005 .0035 .0131 .0348 .0710 .1181 .1647 .19 9 .0000 .0001 .0007 .0034 .0016 .0298 .0612 .1048 .15 10 .0000 .0000 .0001 .0007 .0030 .0096 .0245 .0515 .09 11	15	0	.2059	.0874	.0352	.0134	.0047	.0016	.0005	.0001	.0000
3 .1285 .2184 .2501 .2252 .1700 .1110 .0634 .0318 .01 4 .0428 .1156 .1876 .2252 .2186 .1792 .1268 .0780 .04 5 .0105 .0449 .1032 .1651 .2061 .2123 .1859 .1404 .09 6 .0019 .0132 .0430 .0917 .1472 .1906 .2066 .1914 .15 7 .0003 .0030 .0138 .0393 .0811 .1319 .1771 .2013 .19 8 .0000 .0005 .0035 .0131 .0348 .0710 .1181 .1647 .19 9 .0000 .0001 .0007 .0034 .0016 .0298 .0612 .1048 .15 10 .0000 .0000 .0001 .0007 .0030 .0096 .0245 .0515 .09 11 .0000 .0000 .0000		1	.3432	.2312	.1319	.0668	.0305	.0126	.0047	.0016	.0005
4 .0428 .1156 .1876 .2252 .2186 .1792 .1268 .0780 .044 5 .0105 .0449 .1032 .1651 .2061 .2123 .1859 .1404 .09 6 .0019 .0132 .0430 .0917 .1472 .1906 .2066 .1914 .15 7 .0003 .0030 .0138 .0393 .0811 .1319 .1771 .2013 .19 8 .0000 .0005 .0035 .0131 .0348 .0710 .1181 .1647 .19 9 .0000 .0001 .0007 .0034 .0016 .0298 .0612 .1048 .15 10 .0000 .0000 .0001 .0007 .0030 .0096 .0245 .0515 .09 11 .0000 .0000 .0001 .0006 .0024 .0074 .0191 .04 12 .0000 .0000 .0000 .0000 .0001 .0004 .0016 .0052 .01 13 .0000 </td <td></td> <td>2</td> <td>.2669</td> <td>.2856</td> <td>.2309</td> <td>.1559</td> <td>.0916</td> <td>.0476</td> <td>.0219</td> <td>.0090</td> <td>.0032</td>		2	.2669	.2856	.2309	.1559	.0916	.0476	.0219	.0090	.0032
5 .0105 .0449 .1032 .1651 .2061 .2123 .1859 .1404 .09 6 .0019 .0132 .0430 .0917 .1472 .1906 .2066 .1914 .15 7 .0003 .0030 .0138 .0393 .0811 .1319 .1771 .2013 .19 8 .0000 .0005 .0035 .0131 .0348 .0710 .1181 .1647 .19 9 .0000 .0001 .0007 .0034 .0016 .0298 .0612 .1048 .15 10 .0000 .0000 .0001 .0007 .0030 .0096 .0245 .0515 .09 11 .0000 .0000 .0001 .0006 .0024 .0074 .0191 .04 12 .0000 .0000 .0000 .0000 .0001 .0004 .0016 .0052 .01 13 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000		3	.1285	.2184	.2501	.2252	.1700	.1110	.0634	.0318	.0139
6 .0019 .0132 .0430 .0917 .1472 .1906 .2066 .1914 .15 7 .0003 .0030 .0138 .0393 .0811 .1319 .1771 .2013 .19 8 .0000 .0005 .0035 .0131 .0348 .0710 .1181 .1647 .19 9 .0000 .0001 .0007 .0034 .0016 .0298 .0612 .1048 .15 10 .0000 .0000 .0001 .0007 .0030 .0096 .0245 .0515 .09 11 .0000 .0000 .0001 .0006 .0024 .0074 .0191 .04 12 .0000 .0000 .0000 .0001 .0004 .0016 .0052 .01 13 .0000 .0000 .0000 .0000 .0000 .0000 .0001 .0000 .0001 .0000 .0001 .0000 14 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 <		4	.0428	.1156	.1876	.2252	.2186	.1792	.1268	.0780	.0417
7 .0003 .0030 .0138 .0393 .0811 .1319 .1771 .2013 .19 8 .0000 .0005 .0035 .0131 .0348 .0710 .1181 .1647 .19 9 .0000 .0001 .0007 .0034 .0016 .0298 .0612 .1048 .15 10 .0000 .0000 .0001 .0007 .0030 .0096 .0245 .0515 .09 11 .0000 .0000 .0001 .0006 .0024 .0074 .0191 .04 12 .0000 .0000 .0000 .0001 .0004 .0016 .0052 .01 13 .0000 .0000 .0000 .0000 .0000 .0001 .0001 .0003 .0010 .000 14 .0000		5	.0105	.0449	.1032	.1651	.2061	.2123	.1859	.1404	.0916
8 .0000 .0005 .0035 .0131 .0348 .0710 .1181 .1647 .19 9 .0000 .0001 .0007 .0034 .0016 .0298 .0612 .1048 .15 10 .0000 .0000 .0001 .0007 .0030 .0096 .0245 .0515 .09 11 .0000 .0000 .0001 .0006 .0024 .0074 .0191 .04 12 .0000 .0000 .0000 .0001 .0004 .0016 .0052 .01 13 .0000 .0000 .0000 .0000 .0001 .0001 .0003 .0010 .00 14 .0000 .000		6	.0019	.0132	.0430	.0917	.1472	.1906	.2066	.1914	.1527
9 .0000 .0001 .0007 .0034 .0016 .0298 .0612 .1048 .15 10 .0000 .0000 .0001 .0007 .0030 .0096 .0245 .0515 .09 11 .0000 .0000 .0000 .0001 .0006 .0024 .0074 .0191 .04 12 .0000 .0000 .0000 .0001 .0004 .0016 .0052 .01 13 .0000 .0000 .0000 .0000 .0001 .0001 .0003 .0010 .00 14 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000		7	.0003	.0030	.0138	.0393	.0811	.1319	.1771	.2013	.1964
9 .0000 .0001 .0007 .0034 .0016 .0298 .0612 .1048 .15 10 .0000 .0000 .0001 .0007 .0030 .0096 .0245 .0515 .09 11 .0000 .0000 .0001 .0006 .0024 .0074 .0191 .04 12 .0000 .0000 .0000 .0001 .0004 .0016 .0052 .01 13 .0000 .0000 .0000 .0000 .0001 .0003 .0010 .00 14 .0000		8	.0000	.0005		.0131				.1647	.1964
11 .0000 .0000 .0000 .0001 .0006 .0024 .0074 .0191 .04 12 .0000 .0000 .0000 .0001 .0004 .0016 .0052 .01 13 .0000 .0000 .0000 .0000 .0000 .0001 .0003 .0010 .00 14 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000		9	.0000	.0001	.0007	.0034				.1048	.1527
11 .0000 .0000 .0000 .0001 .0006 .0024 .0074 .0191 .04 12 .0000 .0000 .0000 .0001 .0004 .0016 .0052 .01 13 .0000 .0000 .0000 .0000 .0000 .0001 .0003 .0010 .00 14 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000		10	.0000	.0000	.0001	.0007	.0030	.0096	.0245	.0515	.0916
13 .0000 .0000 .0000 .0000 .0000 .0000 .0001 .0003 .0010 .00 14 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0001 .00		11	.0000	.0000		.0001	.0006	.0024	.0074	.0191	.0417
14 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0001 .00		12	.0000	.0000	.0000	.0000	.0001	.0004	.0016	.0052	.0139
14 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0001 .00		13	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0010	.0032
		14	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0005
15 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000		15	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

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 TABLE 5
 BINOMIAL PROBABILITIES (Continued)

						p				
n	x	.10	.15	.20	.25	.30	.35	.40	.45	.50
18	0	.1501	.0536	.0180	.0056	.0016	.0004	.0001	.0000	.0000
	1	.3002	.1704	.0811	.0338	.0126	.0042	.0012	.0003	.0001
	2	.2835	.2556	.1723	.0958	.0458	.0190	.0069	.0022	.0006
	3	.1680	.2406	.2297	.1704	.1046	.0547	.0246	.0095	.0031
	4	.0700	.1592	.2153	.2130	.1681	.1104	.0614	.0291	.0117
	5	.0218	.0787	.1507	.1988	.2017	.1664	.1146	.0666	.0327
	6	.0052	.0301	.0816	.1436	.1873	.1941	.1655	.1181	.0708
	7	.0010	.0091	.0350	.0820	.1376	.1792	.1892	.1657	.1214
	8	.0002	.0022	.0120	.0376	.0811	.1327	.1734	.1864	.1669
	9	.0000	.0004	.0033	.0139	.0386	.0794	.1284	.1694	.1855
	10	.0000	.0001	.0008	.0042	.0149	.0385	.0771	.1248	.1669
	11	.0000	.0000	.0001	.0010	.0046	.0151	.0374	.0742	.1214
	12	.0000	.0000	.0000	.0002	.0012	.0047	.0145	.0354	.0708
	13	.0000	.0000	.0000	.0000	.0002	.0012	.0045	.0134	.0327
	14	.0000	.0000	.0000	.0000	.0000	.0002	.0011	.0039	.0117
	15	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0009	.0031
	16	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0006
	17	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
	18	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
20	0	.1216	.0388	.0115	.0032	.0008	.0002	.0000	.0000	.0000
	1	.2702	.1368	.0576	.0211	.0068	.0020	.0005	.0001	.0000
	2	.2852	.2293	.1369	.0669	.0278	.0100	.0031	.0008	.0002
	3	.1901	.2428	.2054	.1339	.0716	.0323	.0123	.0040	.0011
	4	.0898	.1821	.2182	.1897	.1304	.0738	.0350	.0139	.0046
	5	.0319	.1028	.1746	.2023	.1789	.1272	.0746	.0365	.0148
	6	.0089	.0454	.1091	.1686	.1916	.1712	.1244	.0746	.0370
	7	.0020	.0160	.0545	.1124	.1643	.1844	.1659	.1221	.0739
	8	.0004	.0046	.0222	.0609	.1144	.1614	.1797	.1623	.1201
	9	.0001	.0011	.0074	.0271	.0654	.1158	.1597	.1771	.1602
	10	.0000	.0002	.0020	.0099	.0308	.0686	.1171	.1593	.1762
	11	.0000	.0000	.0005	.0030	.0120	.0336	.0710	.1185	.1602
	12	.0000	.0000	.0001	.0008	.0039	.0136	.0355	.0727	.1201
	13	.0000	.0000	.0000	.0002	.0010	.0045	.0146	.0366	.0739
	14	.0000	.0000	.0000	.0000	.0002	.0012	.0049	.0150	.0370
	15	.0000	.0000	.0000	.0000	.0000	.0003	.0013	.0049	.0148
	16	.0000	.0000	.0000	.0000	.0000	.0000	.0003	.0013	.0046
	17	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002	.0011
	18	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0002
	19	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	20	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000

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 TABLE 5
 BINOMIAL PROBABILITIES (Continued)

		<i>p</i>											
n	x	.55	.60	.65	.70	.75	.80	.85	.90	.95			
2	0	.2025	.1600	.1225	.0900	.0625	.0400	.0225	.0100	.0025			
	1	.4950	.4800	.4550	.4200	.3750	.3200	.2550	.1800	.0950			
	2	.3025	.3600	.4225	.4900	.5625	.6400	.7225	.8100	.9025			
3	0	.0911	.0640	.0429	.0270	.0156	.0080	.0034	.0010	.0001			
	1	.3341	.2880	.2389	.1890	.1406	.0960	.0574	.0270	.0071			
	2	.4084	.4320	.4436	.4410	.4219	.3840	.3251	.2430	.1354			
	3	.1664	.2160	.2746	.3430	.4219	.5120	.6141	.7290	.8574			
4	0	.0410	.0256	.0150	.0081	.0039	.0016	.0005	.0001	.0000			
	1	.2005	.1536	.1115	.0756	.0469	.0256	.0115	.0036	.0005			
	2	.3675	.3456	.3105	.2646	.2109	.1536	.0975	.0486	.0135			
	3	.2995	.3456	.3845	.4116	.4219	.4096	.3685	.2916	.1715			
	4	.0915	.1296	.1785	.2401	.3164	.4096	.5220	.6561	.8145			
5	0	.0185	.0102	.0053	.0024	.0010	.0003	.0001	.0000	.0000			
	1	.1128	.0768	.0488	.0284	.0146	.0064	.0022	.0005	.0000			
	2	.2757	.2304	.1811	.1323	.0879	.0512	.0244	.0081	.0011			
	3	.3369	.3456	.3364	.3087	.2637	.2048	.1382	.0729	.0214			
	4	.2059	.2592	.3124	.3601	.3955	.4096	.3915	.3281	.2036			
	5	.0503	.0778	.1160	.1681	.2373	.3277	.4437	.5905	.7738			
6	0	.0083	.0041	.0018	.0007	.0002	.0001	.0000	.0000	.0000			
	1	.0609	.0369	.0205	.0102	.0044	.0015	.0004	.0001	.0000			
	2	.1861	.1382	.0951	.0595	.0330	.0154	.0055	.0012	.0001			
	3	.3032	.2765	.2355	.1852	.1318	.0819	.0415	.0146	.0021			
	4	.2780	.3110	.3280	.3241	.2966	.2458	.1762	.0984	.0305			
	5	.1359	.1866	.2437	.3025	.3560	.3932	.3993	.3543	.2321			
	6	.0277	.0467	.0754	.1176	.1780	.2621	.3771	.5314	.7351			
7	0	.0037	.0016	.0006	.0002	.0001	.0000	.0000	.0000	.0000			
	1	.0320	.0172	.0084	.0036	.0013	.0004	.0001	.0000	.0000			
	2	.1172	.0774	.0466	.0250	.0115	.0043	.0012	.0002	.0000			
	3	.2388	.1935	.1442	.0972	.0577	.0287	.0109	.0026	.0002			
	4	.2918	.2903	.2679	.2269	.1730	.1147	.0617	.0230	.0036			
	5	.2140	.2613	.2985	.3177	.3115	.2753	.2097	.1240	.0406			
	6	.0872	.1306	.1848	.2471	.3115	.3670	.3960	.3720	.2573			
	7	.0152	.0280	.0490	.0824	.1335	.2097	.3206	.4783	.6983			
8	0	.0017	.0007	.0002	.0001	.0000	.0000	.0000	.0000	.0000			
	1	.0164	.0079	.0033	.0012	.0004	.0001	.0000	.0000	.0000			
	2	.0703	.0413	.0217	.0100	.0038	.0011	.0002	.0000	.0000			
	3	.1719	.1239	.0808	.0467	.0231	.0092	.0026	.0004	.0000			
	4	.2627	.2322	.1875	.1361	.0865	.0459	.0185	.0046	.0004			
	5	.2568	.2787	.2786	.2541	.2076	.1468	.0839	.0331	.0054			
	6	.1569	.2090	.2587	.2965	.3115	.2936	.2376	.1488	.0515			
	7	.0548	.0896	.1373	.1977	.2670	.3355	.3847	.3826	.2793			
	8	.0084	.0168	.0319	.0576	.1001	.1678	.2725	.4305	.6634			

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 TABLE 5
 BINOMIAL PROBABILITIES (Continued)

						p				
n	x	.55	.60	.65	.70	.75	.80	.85	.90	.95
9	0	.0008	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000
	1	.0083	.0035	.0013	.0004	.0001	.0000	.0000	.0000	.0000
	2	.0407	.0212	.0098	.0039	.0012	.0003	.0000	.0000	.0000
	3	.1160	.0743	.0424	.0210	.0087	.0028	.0006	.0001	.0000
	4	.2128	.1672	.1181	.0735	.0389	.0165	.0050	.0008	.0000
	5	.2600	.2508	.2194	.1715	.1168	.0661	.0283	.0074	.0006
	6	.2119	.2508	.2716	.2668	.2336	.1762	.1069	.0446	.0077
	7	.1110	.1612	.2162	.2668	.3003	.3020	.2597	.1722	.0629
	8	.0339	.0605	.1004	.1556	.2253	.3020	.3679	.3874	.2985
	9	.0046	.0101	.0207	.0404	.0751	.1342	.2316	.3874	.6302
10	0	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.0042	.0016	.0005	.0001	.0000	.0000	.0000	.0000	.0000
	2	.0229	.0106	.0043	.0014	.0004	.0001	.0000	.0000	.0000
	3	.0746	.0425	.0212	.0090	.0031	.0008	.0001	.0000	.0000
	4	.1596	.1115	.0689	.0368	.0162	.0055	.0012	.0001	.0000
	5	.2340	.2007	.1536	.1029	.0584	.0264	.0085	.0015	.0001
	6	.2384	.2508	.2377	.2001	.1460	.0881	.0401	.0112	.0010
	7	.1665	.2150	.2522	.2668	.2503	.2013	.1298	.0574	.0105
	8	.0763	.1209	.1757	.2335	.2816	.3020	.2759	.1937	.0746
	9	.0207	.0403	.0725	.1211	.1877	.2684	.3474	.3874	.3151
	10	.0025	.0060	.0135	.0282	.0563	.1074	.1969	.3487	.5987
12	0	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.0010	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000
	2	.0068	.0025	.0008	.0002	.0000	.0000	.0000	.0000	.0000
	3	.0277	.0125	.0048	.0015	.0004	.0001	.0000	.0000	.0000
	4	.0762	.0420	.0199	.0078	.0024	.0005	.0001	.0000	.0000
	5	.1489	.1009	.0591	.0291	.0115	.0033	.0006	.0000	.0000
	6	.2124	.1766	.1281	.0792	.0401	.0155	.0040	.0005	.0000
	7	.2225	.2270	.2039	.1585	.1032	.0532	.0193	.0038	.0002
	8	.1700	.2128	.2367	.2311	.1936	.1329	.0683	.0213	.0021
	9	.0923	.1419	.1954	.2397	.2581	.2362	.1720	.0852	.0173
	10	.0339	.0639	.1088	.1678	.2323	.2835	.2924	.2301	.0988
	11	.0075	.0174	.0368	.0712	.1267	.2062	.3012	.3766	.3413
	12	.0008	.0022	.0057	.0138	.0317	.0687	.1422	.2824	.5404
15	0	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	2	.0010	.0003	.0001	.0000	.0000	.0000	.0000	.0000	.0000
	3	.0052	.0016	.0004	.0001	.0000	.0000	.0000	.0000	.0000
	4	.0191	.0074	.0024	.0006	.0001	.0000	.0000	.0000	.0000
	5	.0515	.0245	.0096	.0030	.0007	.0001	.0000	.0000	.0000
	6	.1048	.0612	.0298	.0116	.0034	.0007	.0001	.0000	.0000
	7	.1647	.1181	.0710	.0348	.0131	.0035	.0005	.0000	.0000
	8	.2013	.1771	.1319	.0811	.0393	.0138	.0030	.0003	.0000
	9	.1914	.2066	.1906	.1472	.0917	.0430	.0132	.0019	.0000
	10	.1404	.1859	.2123	.2061	.1651	.1032	.0449	.0105	.0006
	11	.0780	.1268	.1792	.2186	.2252	.1876	.1156	.0428	.0049

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 TABLE 5
 BINOMIAL PROBABILITIES (Continued)

						p				
n	x	.55	.60	.65	.70	.75	.80	.85	.90	.95
	12	.0318	.0634	.1110	.1700	.2252	.2501	.2184	.1285	.0307
	13	.0090	.0219	.0476	.0916	.1559	.2309	.2856	.2669	.1348
	14	.0016	.0047	.0126	.0305	.0668	.1319	.2312	.3432	.3658
	15	.0001	.0005	.0016	.0047	.0134	.0352	.0874	.2059	.4633
18	0	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	2	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	3	.0009	.0002	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	4	.0039	.0011	.0002	.0000	.0000	.0000	.0000	.0000	.0000
	5	.0134	.0045	.0012	.0002	.0000	.0000	.0000	.0000	.0000
	6	.0354	.0145	.0047	.0012	.0002	.0000	.0000	.0000	.0000
	7	.0742	.0374	.0151	.0046	.0010	.0001	.0000	.0000	.0000
	8	.1248	.0771	.0385	.0149	.0042	.0008	.0001	.0000	.0000
	9	.1694	.1284	.0794	.0386	.0139	.0033	.0004	.0000	.0000
	10	.1864	.1734	.1327	.0811	.0376	.0120	.0022	.0002	.0000
	11	.1657	.1892	.1792	.1376	.0820	.0350	.0091	.0010	.0000
	12	.1181	.1655	.1941	.1873	.1436	.0816	.0301	.0052	.0002
	13	.0666	.1146	.1664	.2017	.1988	.1507	.0787	.0218	.0014
	14	.0291	.0614	.1104	.1681	.2130	.2153	.1592	.0700	.0093
	15	.0095	.0246	.0547	.1046	.1704	.2297	.2406	.1680	.0473
	16	.0022	.0069	.0190	.0458	.0958	.1723	.2556	.2835	.1683
	17	.0003	.0012	.0042	.0126	.0338	.0811	.1704	.3002	.3763
	18	.0000	.0001	.0004	.0016	.0056	.0180	.0536	.1501	.3972
20	0	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	1	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	2	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	3	.0002	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	4	.0013	.0003	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	5	.0049	.0013	.0003	.0000	.0000	.0000	.0000	.0000	.0000
	6	.0150	.0049	.0012	.0002	.0000	.0000	.0000	.0000	.0000
	7	.0366	.0146	.0045	.0010	.0002	.0000	.0000	.0000	.0000
	8	.0727	.0355	.0136	.0039	.0008	.0001	.0000	.0000	.0000
	9	.1185	.0710	.0336	.0120	.0030	.0005	.0000	.0000	.0000
	10	.1593	.1171	.0686	.0308	.0099	.0020	.0002	.0000	.0000
	11	.1771	.1597	.1158	.0654	.0271	.0074	.0011	.0001	.0000
	12	.1623	.1797	.1614	.1144	.0609	.0222	.0046	.0004	.0000
	13	.1221	.1659	.1844	.1643	.1124	.0545	.0160	.0020	.0000
	14	.0746	.1244	.1712	.1916	.1686	.1091	.0454	.0089	.0003
	15	.0365	.0746	.1272	.1789	.2023	.1746	.1028	.0319	.0022
	16	.0139	.0350	.0738	.1304	.1897	.2182	.1821	.0898	.0133
	17	.0040	.0123	.0323	.0716	.1339	.2054	.2428	.1901	.0596
	18	.0008	.0031	.0100	.0278	.0669	.1369	.2293	.2852	.1887
	19	.0001	.0005	.0020	.0068	.0211	.0576	.1368	.2702	.3774
	20	.0000	.0000	.0002	.0008	.0032	.0115	.0388	.1216	.3585

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TABLE 6 VALUES OF $e^{-\mu}$

μ	$e^{-\mu}$	μ	$e^{-\mu}$	μ	$e^{-\mu}$
.00	1.0000	2.00	.1353	4.00	.0183
.05	.9512	2.05	.1287	4.05	.0174
.10	.9048	2.10	.1225	4.10	.0166
.15	.8607	2.15	.1165	4.15	.0158
.20	.8187	2.20	.1108	4.20	.0150
.25	.7788	2.25	.1054	4.25	.0143
.30	.7408	2.30	.1003	4.30	.0136
.35	.7047	2.35	.0954	4.35	.0129
.40	.6703	2.40	.0907	4.40	.0123
.45	.6376	2.45	.0863	4.45	.0117
.50	.6065	2.50	.0821	4.50	.0111
.55	.5769	2.55	.0781	4.55	.0106
.60	.5488	2.60	.0743	4.60	.0101
.65	.5220	2.65	.0707	4.65	.0096
.70	.4966	2.70	.0672	4.70	.0091
.,,	.1700	2.70	.0072	1.70	.0071
.75	.4724	2.75	.0639	4.75	.0087
.80	.4493	2.80	.0608	4.80	.0082
.85	.4274	2.85	.0578	4.85	.0078
.90	.4066	2.90	.0550	4.90	.0074
.95	.3867	2.95	.0523	4.95	.0071
1.00	.3679	3.00	.0498	5.00	.0067
1.05	.3499	3.05	.0474	6.00	.0025
1.10	.3329	3.10	.0450	7.00	.0009
1.15	.3166	3.15	.0429	8.00	.000335
1.20	.3012	3.20	.0408	9.00	.000123
				10.00	.000045
1.25	.2865	3.25	.0388		
1.30	.2725	3.30	.0369		
1.35	.2592	3.35	.0351		
1.40	.2466	3.40	.0334		
1.45	.2346	3.45	.0317		
1.50	.2231	3.50	.0302		
1.55	.2122	3.55	.0287		
1.60	.2019	3.60	.0273		
1.65	.1920	3.65	.0260		
1.70	.1827	3.70	.0247		
1.75	.1738	3.75	.0235		
1.80	.1653	3.80	.0224		
1.85	.1572	3.85	.0213		
1.90	.1496	3.90	.0202		
1.95	.1423	3.95	.0193		

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 TABLE 7
 POISSON PROBABILITIES

Entries in the table give the probability of x occurrences for a Poisson process with a mean μ . For example, when $\mu = 2.5$, the probability of four occurrences is .1336.

					μ	ι				
x	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	.0000	.0001	.0002	.0007	.0016	.0030	.0050	.0077	.0111	.0153
5	.0000	.0000	.0000	.0001	.0002	.0004	.0007	.0012	.0020	.0031
6	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0002	.0003	.0005
7	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
					μ	ı				
x	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	.0000	.0000	.0001	.0001	.0001	.0002	.0003	.0005	.0006	.0009
9	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0001	.0001	.0002
					μ	ι				
x	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	.0000	.0000	.0000	.0000	.0000	.0001	.0001	.0001	.0002	.0002
12	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001

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 TABLE 7
 POISSON PROBABILITIES (Continued)

μ										
x	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0
0	.0450	.0408	.0369	.0344	.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	.1734	.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
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	.0000	.0000	.0000	.0000	.0001	.0001	.0001	.0001	.0002	.0002
14	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
					μ	ι				
x	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	.0280	.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	.0014	.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
15	.0000	.0000	.0000	.0000	.0001	.0001	.0001	.0001	.0001	.0002
					μ	ı				
x	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

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 TABLE 7
 POISSON PROBABILITIES (Continued)

	μ									
x	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0
5	.1753	.1748	.1740	.1728	.1714	.1697	.1678	.1656	.1632	.1606
6	.1490	.1515	.1537	.1555	.1571	.1587	.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
15	.0002	.0002	.0003	.0003	.0004	.0005	.0006	.0007	.0008	.0009
16	.0001	.0001	.0001	.0001	.0001	.0002	.0002	.0002	.0003	.0003
17	.0000	.0000	.0000	.0000	.0000	.0001	.0001	.0001	.0001	.0001
					μ	ι				
x	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
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	.0245	.0265	.0285	.0307	.0330	.0353	.0377	.0401	.0426	.0452
12	.0124	.0137	.0150	.0164	.0179	.0194	.0210	.0227	.0245	.0264
13	.0058	.0065	.0073	.0081	.0089	.0098	.0108	.0119	.0130	.0142
14	.0025	.0029	.0033	.0037	.0041	.0046	.0052	.0058	.0064	.0071
15	.0010	.0012	.0014	.0016	.0018	.0020	.0023	.0026	.0029	.0033
16	.0004	.0005	.0005	.0006	.0007	.0008	.0010	.0011	.0013	.0014
17	.0001	.0002	.0002	.0002	.0003	.0003	.0004	.0004	.0005	.0006
18	.0000	.0001	.0001	.0001	.0001	.0001	.0001	.0002	.0002	.0002
19	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0001	.0001
					μ	ι				
x	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

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 TABLE 7
 POISSON PROBABILITIES (Continued)

	μ									
x	7.1	7.2	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0
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	.1382	.1388	.1392	.1395	.1396
9	.1042	.1070	.1096	.1121	.1144	.1167	.1187	.1207	.1224	.1241
10	.0740	.0770	.0800	.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
20	.0000	.0000	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0002
21	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0001
					μ	ι				
x	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	.0100	.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
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	.1094
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
20	.0002	.0002	.0002	.0003	.0003	.0004	.0004	.0005	.0005	.0006
21	.0001	.0001	.0001	.0001	.0001	.0002	.0002	.0002	.0002	.0003
22	.0000	.0000	.0000	.0000	.0001	.0001	.0001	.0001	.0001	.0001

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 TABLE 7
 POISSON PROBABILITIES (Continued)

	μ									
x	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10
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	.0100	.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 9	.1302 .1317	.1286	.1269	.1251	.1232	.1212	.1191	.1170	.1148	.1126
		.1315	.1311	.1306	.1300	.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	.0500	.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
20	.0007	.0008	.0009	.0010	.0011	.0012	.0014	.0015	.0017	.0019
21	.0003	.0003	.0004	.0004	.0005	.0006	.0006	.0007	.0008	.0009
22	.0001	.0001	.0002	.0002	.0002	.0002	.0003	.0003	.0004	.0004
23	.0000	.0001	.0001	.0001	.0001	.0001	.0001	.0001	.0002	.0002
24	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0001	.0001
					ŀ	ι				
x	11	12	13	14	15	16	17	18	19	20
0	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
1	.0002	.0001	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
2	.0010	.0004	.0002	.0001	.0000	.0000	.0000	.0000	.0000	.0000
3	.0037	.0018	.0008	.0004	.0002	.0001	.0000	.0000	.0000	.0000
4	.0102	.0053	.0027	.0013	.0006	.0003	.0001	.0001	.0000	.0000
5	.0224	.0127	.0070	.0037	.0019	.0010	.0005	.0002	.0001	.0001
6	.0411	.0255	.0152	.0087	.0048	.0026	.0014	.0007	.0004	.0002
7	.0646	.0437	.0281	.0174	.0104	.0060	.0034	.0018	.0010	.0005
8	.0888	.0655	.0457	.0304	.0194	.0120	.0072	.0042	.0024	.0013
9	.1085	.0874	.0661	.0473	.0324	.0213	.0135	.0083	.0050	.0029
10	.1194	.1048	.0859	.0663	.0486	.0341	.0230	.0150	.0095	.0058
11	.1194	.1144	.1015	.0844	.0663	.0496	.0355	.0245	.0164	.0106
12	.1094	.1144	.1099	.0984	.0829	.0661	.0504	.0368	.0259	.0176
13	.0926	.1056	.1099	.1060	.0956	.0814	.0658	.0509	.0378	.0271
14	.0728	.0905	.1021	.1060	.1024	.0930	.0800	.0655	.0514	.0387

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 TABLE 7
 POISSON PROBABILITIES (Continued)

	μ									
x	11	12	13	14	15	16	17	18	19	20
15	.0534	.0724	.0885	.0989	.1024	.0992	.0906	.0786	.0650	.0516
16	.0367	.0543	.0719	.0866	.0960	.0992	.0963	.0884	.0772	.0646
17	.0237	.0383	.0550	.0713	.0847	.0934	.0963	.0936	.0863	.0760
18	.0145	.0256	.0397	.0554	.0706	.0830	.0909	.0936	.0911	.0844
19	.0084	.0161	.0272	.0409	.0557	.0699	.0814	.0887	.0911	.0888
20	.0046	.0097	.0177	.0286	.0418	.0559	.0692	.0798	.0866	.0888
21	.0024	.0055	.0109	.0191	.0299	.0426	.0560	.0684	.0783	.0846
22	.0012	.0030	.0065	.0121	.0204	.0310	.0433	.0560	.0676	.0769
23	.0006	.0016	.0037	.0074	.0133	.0216	.0320	.0438	.0559	.0669
24	.0003	.0008	.0020	.0043	.0083	.0144	.0226	.0328	.0442	.0557
25	.0001	.0004	.0010	.0024	.0050	.0092	.0154	.0237	.0336	.0446
26	.0000	.0002	.0005	.0013	.0029	.0057	.0101	.0164	.0246	.0343
27	.0000	.0001	.0002	.0007	.0016	.0034	.0063	.0109	.0173	.0254
28	.0000	.0000	.0001	.0003	.0009	.0019	.0038	.0070	.0117	.0181
29	.0000	.0000	.0001	.0002	.0004	.0011	.0023	.0044	.0077	.0125
30	.0000	.0000	.0000	.0001	.0002	.0006	.0013	.0026	.0049	.0083
31	.0000	.0000	.0000	.0000	.0001	.0003	.0007	.0015	.0030	.0054
32	.0000	.0000	.0000	.0000	.0001	.0001	.0004	.0009	.0018	.0034
33	.0000	.0000	.0000	.0000	.0000	.0001	.0002	.0005	.0010	.0020
34	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0002	.0006	.0012
35	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0003	.0007
36	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0002	.0004
37	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001	.0002
38	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001
39	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0001

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