Table 2. VALUES OF χ^2_p FOR THE CHI-SQUARE DISTRIBUTION

n \ p	.995	.99	.975	.95	.90	.75
1	7.88	6.63	5.02	3.84	2.71	1.32
2	10.6	9.21	7.38	5.99	4.61	2.77
3	12.8	11.3	9.35	7.81	6.25	4.11
4	14.9	13.3	11.15	9.49	7.78	5.39
5	16.7	15.1	12.8	11.1	9.24	6.63
6	18.5	16.8	14.4	12.6	10.6	7.84
7	22.3	18.5	16.0	14.1	12.0	9.04
8	22.0	20.1	17.5	15.5	13.4	10.2
9	23.6	21.7	19.0	16.9	14.7	11.4
10	25.2	23.2	20.5	18.3	16.0	12.5
11	26.8	24.7	21.9	19.7	17.3	13.7
12	28.3	26.2	23.3	21.0	18.5	14.8
13	29.8	27.7	24.7	22.4	19.8	16.0
14	31.3	29.1	26.1	23.7	21.1	17.1
15	32.8	30.6	27.5	25.0	22.3	18.2
16	34.3	32.0	28.8	26.3	23.5	19.4
17	35.7	33.4	30.2	27.6	24.8	20.5
18	37.2	34.8	31.5	28.9	26.0	21.6
19	38.6	36.2	32.9	30.1	27.2	22.7
20	40.0	37.6	34.2	31.4	28.4	23.8
21	41.4	38.9	35.5	32.7	29.6	24.9
22	42.8	40.3	36.8	33.9	30.8	26.0
23	44.2	41.6	38.1	35.2	32.0	27.1
24	45.6	43.0	39.4	36.4	33.2	28.2
25	46.9	44.3	40.6	37.7	34.4	29.3
26	48.3	45.6	41.9	38.9	35.6	30.4
27	49.6	47.0	43.2	40.1	36.7	31.5
28	51.0	48.3	44.5	41.3	37.9	32.6
29	52.3	49.6	45.7	42.6	39.1	33.7
30	53.7	50.9	47.0	43.8	40.3	34.8
40	66.8	63.7	59.3	55.8	51.8	45.6
50	79.5	76.2	71.4	67.5	63.2	56.3
60	92.0	88.4	83.3	79.1	74.4	67.0
70	104.2	100.4	95.0	90.5	85.5	77.6
80	116.3	112.3	106.6	101.9	96.6	88.1
90	128.3	124.1	118.1	113.1	107.6	98.6
100	140.2	135.8	129.6	124.3	118.5	109.1

WITH n DEGREES OF FREEDOM FOR THE PROBABILITY p.

.50	.25	.10	.05	.025	.01	.005
.455	.102	.0158	.0039	.0010	.0002	.0000
1.39	.575	.211	.103	.0506	.0201	.0100
2.37	1.21	.584	.352	.216	.115	.072
3.36	1.92	1.06	.711	.484	.297	.207
4.35	2.67	1.61	1.15	.831	.554	.412
5.35	3.45	2.20	1.64	1.24	.872	.676
6.35	4.25	2.83	2.17	1.69	1.24	.989
7.34	5.07	3.49	2.73	2.18	1.65	1.34
8.34	5.90	4.17	3.33	2.70	2.09	1.73
9.34	6.74	4.87	3.94	3.25	2.56	2.16
10.3	7.58	5.58	4.57	3.82	3.05	2.60
11.3	8.44	6.30	5.23	4.40	3.57	3.07
12.3	9.30	7.04	5.89	5.01	4.11	3.57
13.3	10.2	7.79	6.57	5.63	4.66	4.07
14.3	11.0	8.55	7.26	6.26	5.23	4.60
15.3	11.9	9.31	7.96	6.91	5.81	5.14
16.3	12.8	10.1	8.67	7.56	6.41	5.70
17.3	13.7	10.9	9.39	8.23	7.01	6.26
18.3	14.6	11.7	10.1	8.91	7.63	6.84
19.3	15.5	12.4	10.9	9.59	8.26	7.43
20.3	16.3	13.2	11.6	10.3	8.90	8.03
21.3	17.2	14.0	12.3	11.0	9.54	8.64
22.3	18.1	14.8	13.1	11.7	10.2	9.26
23.3	19.0	15.7	13.8	12.4	10.9	9.89
24.3	19.9	16.5	14.6	13.1	11.5	10.5
25.3	20.8	17.3	15.4	13.8	12.2	11.2
26.3	21.7	18.1	16.2	14.6	12.9	11.8
27.3	22.7	18.9	16.9	15.3	13.6	12.5
28.3	23.6	19.8	17.7	16.0	14.3	13.1
29.3	24.5	20.6	18.5	16.8	15.0	13.8
39.3	33.7	29.1	26.5	24.4	22.2	20.7
49.3	42.9	37.7	34.8	32.4	29.7	28.0
59.3	52.3	46.5	43.2	40.5	37.5	35.5
69.3	61.7	55.3	51.7	48.8	45.4	43.3
79.3	71.1	64.3	60.4	57.2	53.5	51.2
89.3	80.6	73.3	69.1	65.6	61.8	59.2
99.3	90.1	82.4	77.9	74.2	70.1	67.3