



Table 1: Statistical Sampling Results based on the Poisson Distribution —  
Upper Limits at 10 Percent Risk of Overreliance

Sample Size	Actual Sum of Taints Found										
	0	1	2	3	4	5	6	7	8	9	10
20	11.6	19.5	26.7	33.5	40.0	46.4	52.7	58.9	65.0	71.1	77.1
25	9.3	15.6	21.3	26.8	32.0	37.1	42.2	47.1	52.0	56.9	61.7
30	7.7	13.0	17.8	22.3	26.7	31.0	35.2	39.3	43.4	47.4	51.4
35	6.6	11.2	15.3	19.1	22.9	26.5	30.1	33.7	37.2	40.6	44.1
40	5.8	9.8	13.4	16.8	20.0	23.2	26.4	29.5	32.5	35.6	38.6
45	5.2	8.7	11.9	14.9	17.8	20.7	23.5	26.2	28.9	31.6	34.3
50	4.7	7.8	10.7	13.4	16.0	18.6	21.1	23.6	26.0	28.5	30.9
55	4.2	7.1	9.7	12.2	14.6	16.9	19.2	21.5	23.7	25.9	28.1
60	3.9	6.5	8.9	11.2	13.4	15.5	17.6	19.7	21.7	23.7	25.7
65	3.6	6.0	8.2	10.3	12.3	14.3	16.3	18.2	20.0	21.9	23.8
70	3.3	5.6	7.7	9.6	11.5	13.3	15.1	16.9	18.6	20.3	22.1
75	3.1	5.2	7.1	9.0	10.7	12.4	14.1	15.7	17.4	19.0	20.6
80	2.9	4.9	6.7	8.4	10.0	11.6	13.2	14.8	16.3	17.8	19.3
85	2.8	4.6	6.3	7.9	9.5	11.0	12.4	13.9	15.3	16.8	18.2
90	2.6	4.4	6.0	7.5	8.9	10.4	11.8	13.1	14.5	15.8	17.2
95	2.5	4.1	5.7	7.1	8.5	9.8	11.1	12.4	13.7	15.0	16.3
100	2.4	3.9	5.4	6.7	8.0	9.3	10.6	11.8	13.0	14.3	15.5
125	1.9	3.2	4.3	5.4	6.4	7.5	8.5	9.5	10.4	11.4	12.4
150	1.6	2.6	3.6	4.5	5.4	6.2	7.1	7.9	8.7	9.5	10.3
200	1.2	2.0	2.7	3.4	4.0	4.7	5.3	5.9	6.5	7.2	7.8
300	0.8	1.3	1.8	2.3	2.7	3.1	3.6	4.0	4.4	4.8	5.2
400	0.6	1.0	1.4	1.7	2.0	2.4	2.7	3.0	3.3	3.6	3.9
500	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.4	2.6	2.9	3.1

*Note:*  
This table presents upper limits (body of table) as percentages



Table 2: Statistical Sampling Results based on the Poisson Distribution —  
Upper Limits at 5 Percent Risk of Overreliance

Sample Size	Actual Sum of Taints Found										
	0	1	2	3	4	5	6	7	8	9	10
20	15.0	23.8	31.5	38.8	45.8	52.6	59.3	65.8	72.2	78.6	84.9
25	12.0	19.0	25.2	31.1	36.7	42.1	47.4	52.6	57.8	62.9	67.9
30	10.0	15.9	21.0	25.9	30.6	35.1	39.5	43.9	48.2	52.4	56.6
35	8.6	13.6	18.0	22.2	26.2	30.1	33.9	37.6	41.3	44.9	48.5
40	7.5	11.9	15.8	19.4	22.9	26.3	29.7	32.9	36.1	39.3	42.5
45	6.7	10.6	14.0	17.3	20.4	23.4	26.4	29.3	32.1	35.0	37.7
50	6.0	9.5	12.6	15.6	18.4	21.1	23.7	26.3	28.9	31.5	34.0
55	5.5	8.7	11.5	14.1	16.7	19.2	21.6	24.0	26.3	28.6	30.9
60	5.0	8.0	10.5	13.0	15.3	17.6	19.8	22.0	24.1	26.2	28.3
65	4.7	7.3	9.7	12.0	14.1	16.2	18.3	20.3	22.3	24.2	26.1
70	4.3	6.8	9.0	11.1	13.1	15.1	17.0	18.8	20.7	22.5	24.3
75	4.0	6.4	8.4	10.4	12.3	14.1	15.8	17.6	19.3	21.0	22.7
80	3.8	6.0	7.9	9.7	11.5	13.2	14.9	16.5	18.1	19.7	21.3
85	3.6	5.6	7.5	9.2	10.8	12.4	14.0	15.5	17.0	18.5	20.0
90	3.4	5.3	7.0	8.7	10.2	11.7	13.2	14.7	16.1	17.5	18.9
95	3.2	5.0	6.7	8.2	9.7	11.1	12.5	13.9	15.2	16.6	17.9
100	3.0	4.8	6.3	7.8	9.2	10.6	11.9	13.2	14.5	15.8	17.0
125	2.4	3.8	5.1	6.3	7.4	8.5	9.5	10.6	11.6	12.6	13.6
150	2.0	3.2	4.2	5.2	6.2	7.1	7.9	8.8	9.7	10.5	11.4
200	1.5	2.4	3.2	3.9	4.6	5.3	6.0	6.6	7.3	7.9	8.5
300	1.0	1.6	2.1	2.6	3.1	3.6	4.0	4.4	4.9	5.3	5.7
400	0.8	1.2	1.6	2.0	2.3	2.7	3.0	3.3	3.7	4.0	4.3
500	0.6	1.0	1.3	1.6	1.9	2.2	2.4	2.7	2.9	3.2	3.4

*Note:*  
This table presents upper limits (body of table) as percentages



Table 3: Statistical Sampling Results based on the Poisson Distribution —  
Upper Limits at 2.5 Percent Risk of Overreliance

Sample Size	Actual Sum of Taints Found										
	0	1	2	3	4	5	6	7	8	9	10
20	18.5	27.9	36.2	43.9	51.3	58.4	65.3	72.2	78.9	85.5	92.0
25	14.8	22.3	28.9	35.1	41.0	46.7	52.3	57.7	63.1	68.4	73.6
30	12.3	18.6	24.1	29.3	34.2	38.9	43.6	48.1	52.6	57.0	61.4
35	10.6	16.0	20.7	25.1	29.3	33.4	37.4	41.3	45.1	48.9	52.6
40	9.3	14.0	18.1	22.0	25.7	29.2	32.7	36.1	39.5	42.8	46.0
45	8.2	12.4	16.1	19.5	22.8	26.0	29.1	32.1	35.1	38.0	40.9
50	7.4	11.2	14.5	17.6	20.5	23.4	26.2	28.9	31.6	34.2	36.8
55	6.8	10.2	13.2	16.0	18.7	21.3	23.8	26.3	28.7	31.1	33.5
60	6.2	9.3	12.1	14.7	17.1	19.5	21.8	24.1	26.3	28.5	30.7
65	5.7	8.6	11.2	13.5	15.8	18.0	20.1	22.2	24.3	26.3	28.3
70	5.3	8.0	10.4	12.6	14.7	16.7	18.7	20.7	22.6	24.5	26.3
75	5.0	7.5	9.7	11.7	13.7	15.6	17.5	19.3	21.1	22.8	24.6
80	4.7	7.0	9.1	11.0	12.9	14.6	16.4	18.1	19.8	21.4	23.0
85	4.4	6.6	8.5	10.4	12.1	13.8	15.4	17.0	18.6	20.1	21.7
90	4.1	6.2	8.1	9.8	11.4	13.0	14.6	16.1	17.6	19.0	20.5
95	3.9	5.9	7.7	9.3	10.8	12.3	13.8	15.2	16.6	18.0	19.4
100	3.7	5.6	7.3	8.8	10.3	11.7	13.1	14.5	15.8	17.1	18.4
125	3.0	4.5	5.8	7.1	8.2	9.4	10.5	11.6	12.7	13.7	14.8
150	2.5	3.8	4.9	5.9	6.9	7.8	8.8	9.7	10.6	11.4	12.3
200	1.9	2.8	3.7	4.4	5.2	5.9	6.6	7.3	7.9	8.6	9.2
300	1.3	1.9	2.5	3.0	3.5	3.9	4.4	4.9	5.3	5.7	6.2
400	1.0	1.4	1.9	2.2	2.6	3.0	3.3	3.7	4.0	4.3	4.6
500	0.8	1.2	1.5	1.8	2.1	2.4	2.7	2.9	3.2	3.5	3.7

Note:

This table presents upper limits (body of table) as percentages



Table 4: Statistical Sampling Results based on the Poisson Distribution —  
Upper Limits at 1 Percent Risk of Overreliance

Sample Size	Actual Sum of Taints Found										
	0	1	2	3	4	5	6	7	8	9	10
20	23.1	33.2	42.1	50.3	58.1	65.6	72.9	80.0	87.1	94.0	100.8
25	18.5	26.6	33.7	40.2	46.5	52.5	58.3	64.0	69.7	75.2	80.6
30	15.4	22.2	28.1	33.5	38.7	43.7	48.6	53.4	58.1	62.7	67.2
35	13.2	19.0	24.1	28.8	33.2	37.5	41.7	45.8	49.8	53.7	57.6
40	11.6	16.6	21.1	25.2	29.1	32.8	36.5	40.0	43.6	47.0	50.4
45	10.3	14.8	18.7	22.4	25.8	29.2	32.4	35.6	38.7	41.8	44.8
50	9.3	13.3	16.9	20.1	23.3	26.3	29.2	32.0	34.9	37.6	40.3
55	8.4	12.1	15.3	18.3	21.1	23.9	26.5	29.1	31.7	34.2	36.7
60	7.7	11.1	14.1	16.8	19.4	21.9	24.3	26.7	29.1	31.4	33.6
65	7.1	10.3	13.0	15.5	17.9	20.2	22.5	24.7	26.8	28.9	31.0
70	6.6	9.5	12.1	14.4	16.6	18.8	20.9	22.9	24.9	26.9	28.8
75	6.2	8.9	11.3	13.4	15.5	17.5	19.5	21.4	23.3	25.1	26.9
80	5.8	8.3	10.6	12.6	14.6	16.4	18.3	20.0	21.8	23.5	25.2
85	5.5	7.9	9.9	11.9	13.7	15.5	17.2	18.9	20.5	22.1	23.7
90	5.2	7.4	9.4	11.2	12.9	14.6	16.2	17.8	19.4	20.9	22.4
95	4.9	7.0	8.9	10.6	12.3	13.8	15.4	16.9	18.4	19.8	21.3
100	4.7	6.7	8.5	10.1	11.7	13.2	14.6	16.0	17.5	18.8	20.2
125	3.7	5.4	6.8	8.1	9.3	10.5	11.7	12.8	14.0	15.1	16.2
150	3.1	4.5	5.7	6.7	7.8	8.8	9.8	10.7	11.7	12.6	13.5
200	2.4	3.4	4.3	5.1	5.9	6.6	7.3	8.0	8.8	9.4	10.1
300	1.6	2.3	2.9	3.4	3.9	4.4	4.9	5.4	5.9	6.3	6.8
400	1.2	1.7	2.2	2.6	3.0	3.3	3.7	4.0	4.4	4.7	5.1
500	1.0	1.4	1.7	2.1	2.4	2.7	3.0	3.2	3.5	3.8	4.1

*Note:*  
This table presents upper limits (body of table) as percentages