



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 | 16.9 | 24.9 | 31.7 | 37.9 | 43.7 | 49.2 | 54.3 | 59.3 | 64.0 | 68.5 | 72.9 |
| 25 | 13.8 | 20.4 | 26.1 | 31.3 | 36.1 | 40.8 | 45.2 | 49.4 | 53.6 | 57.5 | 61.4 |
| 30 | 11.6 | 17.3 | 22.1 | 26.6 | 30.8 | 34.8 | 38.6 | 42.3 | 45.9 | 49.4 | 52.9 |
| 35 | 10.1 | 15.0 | 19.2 | 23.1 | 26.8 | 30.3 | 33.7 | 37.0 | 40.2 | 43.3 | 46.4 |
| 40 | 8.9 | 13.2 | 17.0 | 20.4 | 23.7 | 26.9 | 29.9 | 32.8 | 35.7 | 38.5 | 41.2 |
| 45 | 7.9 | 11.8 | 15.2 | 18.3 | 21.3 | 24.1 | 26.8 | 29.5 | 32.1 | 34.6 | 37.1 |
| 50 | 7.2 | 10.7 | 13.8 | 16.6 | 19.3 | 21.9 | 24.4 | 26.8 | 29.2 | 31.5 | 33.8 |
| 55 | 6.5 | 9.8 | 12.6 | 15.2 | 17.6 | 20.0 | 22.3 | 24.5 | 26.7 | 28.9 | 31.0 |
| 60 | 6.0 | 9.0 | 11.6 | 14.0 | 16.2 | 18.4 | 20.6 | 22.6 | 24.6 | 26.6 | 28.6 |
| 65 | 5.6 | 8.3 | 10.7 | 13.0 | 15.1 | 17.1 | 19.1 | 21.0 | 22.9 | 24.7 | 26.5 |
| 70 | 5.2 | 7.8 | 10.0 | 12.1 | 14.0 | 15.9 | 17.8 | 19.6 | 21.3 | 23.1 | 24.8 |
| 75 | 4.8 | 7.3 | 9.4 | 11.3 | 13.1 | 14.9 | 16.7 | 18.3 | 20.0 | 21.6 | 23.2 |
| 80 | 4.6 | 6.8 | 8.8 | 10.6 | 12.4 | 14.0 | 15.7 | 17.3 | 18.8 | 20.3 | 21.8 |
| 85 | 4.3 | 6.4 | 8.3 | 10.0 | 11.7 | 13.2 | 14.8 | 16.3 | 17.8 | 19.2 | 20.6 |
| 90 | 4.1 | 6.1 | 7.8 | 9.5 | 11.0 | 12.5 | 14.0 | 15.4 | 16.8 | 18.2 | 19.5 |
| 95 | 3.9 | 5.8 | 7.4 | 9.0 | 10.5 | 11.9 | 13.3 | 14.6 | 16.0 | 17.3 | 18.6 |
| 100 | 3.7 | 5.5 | 7.1 | 8.6 | 10.0 | 11.3 | 12.7 | 13.9 | 15.2 | 16.4 | 17.7 |
| 125 | 3.0 | 4.4 | 5.7 | 6.9 | 8.0 | 9.1 | 10.2 | 11.2 | 12.3 | 13.3 | 14.3 |
| 150 | 2.5 | 3.7 | 4.8 | 5.8 | 6.7 | 7.7 | 8.6 | 9.4 | 10.3 | 11.1 | 12.0 |
| 200 | 1.9 | 2.8 | 3.6 | 4.4 | 5.1 | 5.8 | 6.5 | 7.1 | 7.8 | 8.4 | 9.1 |
| 300 | 1.3 | 1.9 | 2.4 | 2.9 | 3.4 | 3.9 | 4.4 | 4.8 | 5.2 | 5.7 | 6.1 |
| 400 | 1.0 | 1.4 | 1.8 | 2.2 | 2.6 | 2.9 | 3.3 | 3.6 | 4.0 | 4.3 | 4.6 |
| 500 | 0.8 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.6 | 2.9 | 3.2 | 3.4 | 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 | 20.6 | 28.9 | 35.9 | 42.1 | 47.9 | 53.3 | 58.3 | 63.1 | 67.7 | 72.0 | 76.2 |
| 25 | 16.9 | 23.8 | 29.6 | 34.9 | 39.8 | 44.5 | 48.9 | 53.1 | 57.2 | 61.1 | 64.8 |
| 30 | 14.3 | 20.2 | 25.2 | 29.8 | 34.1 | 38.1 | 42.0 | 45.7 | 49.3 | 52.8 | 56.2 |
| 35 | 12.4 | 17.6 | 22.0 | 26.0 | 29.8 | 33.3 | 36.8 | 40.1 | 43.3 | 46.4 | 49.5 |
| 40 | 10.9 | 15.5 | 19.5 | 23.0 | 26.4 | 29.6 | 32.7 | 35.7 | 38.6 | 41.4 | 44.2 |
| 45 | 9.8 | 13.9 | 17.4 | 20.7 | 23.7 | 26.6 | 29.4 | 32.2 | 34.8 | 37.4 | 39.9 |
| 50 | 8.8 | 12.6 | 15.8 | 18.8 | 21.5 | 24.2 | 26.8 | 29.2 | 31.7 | 34.0 | 36.3 |
| 55 | 8.1 | 11.5 | 14.5 | 17.2 | 19.7 | 22.2 | 24.5 | 26.8 | 29.0 | 31.2 | 33.4 |
| 60 | 7.4 | 10.6 | 13.3 | 15.8 | 18.2 | 20.5 | 22.6 | 24.8 | 26.8 | 28.8 | 30.8 |
| 65 | 6.9 | 9.8 | 12.4 | 14.7 | 16.9 | 19.0 | 21.0 | 23.0 | 24.9 | 26.8 | 28.7 |
| 70 | 6.4 | 9.2 | 11.5 | 13.7 | 15.7 | 17.7 | 19.6 | 21.5 | 23.3 | 25.0 | 26.8 |
| 75 | 6.0 | 8.6 | 10.8 | 12.8 | 14.8 | 16.6 | 18.4 | 20.1 | 21.8 | 23.5 | 25.1 |
| 80 | 5.6 | 8.1 | 10.1 | 12.1 | 13.9 | 15.6 | 17.3 | 18.9 | 20.5 | 22.1 | 23.7 |
| 85 | 5.3 | 7.6 | 9.6 | 11.4 | 13.1 | 14.7 | 16.3 | 17.9 | 19.4 | 20.9 | 22.4 |
| 90 | 5.0 | 7.2 | 9.1 | 10.8 | 12.4 | 14.0 | 15.5 | 17.0 | 18.4 | 19.8 | 21.2 |
| 95 | 4.8 | 6.8 | 8.6 | 10.2 | 11.8 | 13.3 | 14.7 | 16.1 | 17.5 | 18.8 | 20.1 |
| 100 | 4.6 | 6.5 | 8.2 | 9.7 | 11.2 | 12.6 | 14.0 | 15.3 | 16.6 | 17.9 | 19.2 |
| 125 | 3.7 | 5.2 | 6.6 | 7.9 | 9.1 | 10.2 | 11.3 | 12.4 | 13.5 | 14.5 | 15.5 |
| 150 | 3.1 | 4.4 | 5.5 | 6.6 | 7.6 | 8.6 | 9.5 | 10.4 | 11.3 | 12.2 | 13.0 |
| 200 | 2.3 | 3.3 | 4.2 | 5.0 | 5.7 | 6.5 | 7.2 | 7.9 | 8.5 | 9.2 | 9.9 |
| 300 | 1.6 | 2.2 | 2.8 | 3.4 | 3.9 | 4.4 | 4.8 | 5.3 | 5.8 | 6.2 | 6.7 |
| 400 | 1.2 | 1.7 | 2.1 | 2.5 | 2.9 | 3.3 | 3.7 | 4.0 | 4.3 | 4.7 | 5.0 |
| 500 | 1.0 | 1.4 | 1.7 | 2.0 | 2.4 | 2.7 | 2.9 | 3.2 | 3.5 | 3.8 | 4.0 |

Note:

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