

	General expression (expected)	Example numbers
Fraction picked (relative time spent)	$1/n$	$1/4$
Number of specimens in split	N/n	100
Statistical uncertainty	$\sqrt{(N/n)}$	$\sqrt{100} = 10$
Estimated total number in sample	$n(N/n \pm \sqrt{(N/n)}) = N \pm \sqrt{(n)}\sqrt{(N)}$	$4(100 \pm 10) = 400 \pm 40$
Counted total number in sample	$N \pm \sqrt{(N)}$	$392 \pm \sqrt{392} \approx 392 \pm 20$