

Comparison of OpenEpi confidence intervals for a sample mean to other public software programs.

	Mean, Std Deviation, (sample size) while population size (N=999,999,999) and 95% confidence intervals are held constant			
	150, 27.36 (n=268)	10.89, 3.76 (n=20)	1.56, 8.56 (n=100)	1.56, 8.56 (n=30)
95% CI based on z-statistics	Confidence limits	Confidence limits	Confidence limits	Confidence limits
OpenEpi	146.725, 153.275	9.34, 12.54*	-0.1176, 3.2376	-1.503, 4.6229
EpiInfo6 [@] (DOS version)	146.72, 153.28	9.34, 12.54*	-0.12, 3.24	-1.5-4.62
95% CI based on t-statistics				
OpenEpi	146.709, 153.291	9.1362, 12.6438	-0.1385, 3.2585	-1.6364, 4.7564
PEPI ^{\$}	146.709, 153.291	9.1303, 12.6497	-0.1385, 3.2585	-1.6364, 4.7564

[@] t-statistics is not available

^{\$} z-value is not available.

* Normal approximation method not recommended due to small sample size.

PEPI: Abramson JH and Gahlinger PM (2001). Computer program for epidemiologists: PEPI version 4.0. Sagebrush Press, Salt Lake City. Used CONFINT.EXE version 4.0.

EpiInfo6 (DOS version). Epidemiology program office, CDC. (EpiInfo software downloaded from 'www.cdc.gov').