A1	B	C	D	E
2	**COMPARING CONFIDENCE FUNCTIONS IN EXCEL 2010 WITH EXCEL 2003**			
3				
4		sample size	25	Manual entry
5		confidence level	95	Manual entry
6				
7	**POPULATION STD. DEVIATION KNOWN**			
8		Z	1.960	=NORMSINV(0.5+D5/200)
9	Measurement	population std. dev	10	Manual entry
10	**EXCEL 2010**	95% margin of error	3.920	=CONFIDENCE.NORM(1-D$5/100,D9,D$4)
11	**EXCEL 2003**	95% margin of error	3.920	=CONFIDENCE(1-D$5/100, D9, D$4)
12				
13	Proportion	population proportion	20%	Manual entry
14		population std. dev	40%	=SQRT(D13*(1-D13))
15	**EXCEL 2010**	95% margin of error	0.157	=CONFIDENCE.NORM(1-D$5/100,D14,D$4)
16	**EXCEL 2003**	95% margin of error	0.157	=CONFIDENCE(1-D$5/100, D14, D$4)
17				
18	**POPULATION STD. DEVIATION NOT KNOWN**			
19		T	2.064	=T.INV(0.5+D5/200,D4-1)
20	Measurement	sample std. dev	10	Manual entry
21	**EXCEL 2010**	95% margin of error	4.13	=CONFIDENCE.T(1-D$5/100,D20,D$4)
22	**EXCEL 2003**	95% margin of error	4.13	=(D19/D8)*CONFIDENCE(1-D$5/100, D20, D$4)
23				
24	Proportion	sample proportion	20%	Manual entry
25		sample std. dev	40%	=SQRT(D24*(1-D24))
26	**EXCEL 2010**	95% margin of error	0.165	=CONFIDENCE.T(1-D$5/100,D25,D$4)
27	**EXCEL 2003**	95% margin of error	0.165	=(D19/D8)*CONFIDENCE(1-D$5/100, D25, D$4)