FORMULA USED

For finding out the difference between two percentages:

$$P = \frac{N_1P_1 + N_2P_2}{N_1 + N_2}$$

$$Q = 1 - P$$

$$SE = \sqrt{RQ\left(\frac{1}{N_1} + \frac{1}{N_2}\right)}$$

$$CR(t) = \frac{P_1 - P_2}{SE}$$

P_1 and P_2 are the two percentages of two samples.

N_1 and N_2 are the number of subjects in the samples.

SE = Standard Error of two percentages.

CR = Critical Ratio