

### **Answer on Question #46482 – Math - Statistics and Probability**

An agency wants to study some nutritional deficiency in a village.

To do that 170 boys from 8502 boys in a village showed that 21 had some nutritional deficiency.

Identify the population and parameter in this situation.

Estimate the parameter mean and standard error of the estimate

#### **Solution:**

Standard Error = Standard Deviation/square root of population size

Standard Error=  $21/\sqrt{8502}=0.2277$

Mean = $(21/170)*8502=1050$