

Answer to Question #85646 – Math – Statistics and Probability

Coefficient of variation = $\frac{\sigma}{\mu} \times 100\%$, where σ is standard deviation and μ is mean

Coefficient of variation of income for executives = $\frac{50000}{500000} \times 100\% = 10\%$

Coefficient of variation of income for unskilled employees = $\frac{2000}{12000} \times 100\% = 16.67\%$

From the above calculation it is clear that the variation among the executives is **NOT** greater than the variation among the unskilled employees.