

## \* Limitations of Statistics :

### 1. Statistics Does not Study Qualitative Phenomena:

Since statistics deals with numerical data, it cannot be applied in studying those problems which can be stated and expressed quantitatively.

For example, a statement like "Export volume of India has increased considerably during the last few years" can't be analysed statistically.

Also, qualitative characteristics such as honesty, poverty, welfare, beauty, health, can't directly be measured quantitatively.

## 2. Statistics does not study Individuals :

A single or isolated figure cannot be considered as statistics, unless it is part of the aggregate of facts relating to any particular field of enquiry.

For example, price of the single commodity or increase or decrease in the share price of a particular company does not constitute statistics.

## 3. Statistics can be Misused :

Statistics are liable to be misused. For proper use of statistics one should have enough skill and experience to draw accurate and sensible conclusions. Further, valid results can't be drawn from the use of statistics unless one has a proper understanding of the subject to which it is applied.

## 4. Statistics is Useful for Experts Only :

Statistics is both a science and an art. It is systematic and finds application in studying problems in Economics, Business, Physics, etc. Statistical methods are sophisticated in nature.

Everyone is not expert in it, this is the job of an expert, who is well-versed with statistical methods.