





3 Types of Jampling.
en Juniting.
O Random Sampling (Bobability Sampling)
* It is a Scientific Tec of drawing samples from Population according
to some lanes of Probamitity.
Types of Random Sampling
\
@ Simple Randon Sampling [SRS] B) Stratified Sampling.
. In this Method each unit have * In this memod Population is divided
equal Chance of Being Past of 1970 groups (Strata) from which me
Sample is solected.
• It can be WR, WOR • Straig (4roups) don't Overlap.
· Very simpre & effective.
Con be used when:-
(1) Population is Not Vey large. (1) Population is Large.
@ Sample size Not Very Small. @ When Some Prior Information arcilles
3) Population is Not Metrogeneous. 3) Population is therrogeneous.
Bur Part of SRS Allocation of Sample
At is longletely free from Not mun romanistry Significant variationity Blue Strate variances. Should be supplied to the strate variances of the strate variances.
29 B19563.
Proportional allocation (Somple of Population Size)
Symboli, N; UN; Symbols, n; UN; S;

NOTE: - For Stratifed Sough: :.

PUY POSE: To Provide an estimate of Parameters not only for strain but also Overall Estimate

8 Variability & T Precision.

@ Systematic Sampling.

Samples are solented at Regular Interval where 1st unit is selected Randomly.

- · We can say it is

 Partly Probability Somp.

 Non-Probability Somp.
- · Known as Linear Systematic Sampling
- · It is affected it there are undetected Periodicity.

How to find Interral.

N=nK Sample interval.

D) Multi Stage Sampling.

- · It is complicated Type

 y Sampling.
- · Population are supposed to be in STAYES.
 - into Sampling Process.
 - I tratified Sampling.
- (E) Purposine or Judgement Sampling
- · Sumple drawn is entirely Based on Personal Judgement of Innusigans.
- · Sampler's Baises is there.

- * Some Important key Take away.
- * A parameter is charactestic of Population.
- * Sampling Distribution is The Probability distribution of Statistic.

 The mean of Statistic Known as

 As Obtained From

 Probability distribution

 Probability distribution

 Probability distribution

 Probability distribution