

SAMPLING and SURVEY SAMPLING: Estimating a Population Average or Total

Section headings to provide a content overview

1. Background Information
2. Equiprobable (Simple random) Selecting
3. Sample Size and Sample Error under EPS
Example HL77.1
4. Notation
5. Estimating $\bar{Y}$, the Respondent Population Average
Example HL77.2
Example HL77.3
6. Estimating τ_Y , the Respondent Population Total
Example HL77.4
Example HL77.5
7. References
8. Appendix 1: Notation – Managing Falsehood
9. Appendix 2: Population Elements and Units
10. Appendix 3: Representative Sampling
11. Appendix 4: Terminology – Finite Populations
12. Appendix 5: The Mean of S , $E(S)$
13. Appendix 6: Bias and Rms Error
14. Appendix 7: Sampling Bias/Inaccuracy
Example HL77.6
15. Appendix 8: A Survey Sampling Cautionary Tale

Ten (seventeen) tables

Fourty-two equations