

## **CONDITIONALLY UNBIASED RATIO-TYPE ESTIMATORS**

Girish Kumar Jha, A.K. Srivastava and Anil Rai

### **ABSTRACT**

This paper proposes a conditional bias adjusted Hartley–Ross type estimator as well as Mickey type estimator corresponding to their unconditional counterparts. A simulation study involving two populations, one is based on the linear form of model and other is based on the quadratic form of model, has been carried out to illustrate the improvements provided by the proposed estimators as compare to exiting estimators.