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**Robert E. Bradley\*** (bradley@adelphi.edu), Adelphi University, Dept. of Mathematics, 1 South Ave, Garden City, NY 11530. *Euler and the Prehistory of Statistics*. Preliminary report.

Euler considered a number of probabilistic problems in his long career. He lived and worked during the period before statistics became a mature science. Nevertheless, he worked on a number of the seminal problems: errors of observation, mortality, annuities and statistical estimation. In this talk, we survey Euler's statistical writings and assess his impact on the science of statistics. (Received February 26, 2007)