

Census at School: Gathering real data from and about school students in elementary school in Greece

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The present paper refers to the pilot test of the Census at School project of Royal Statistical Society Centro for Statistical Education (RSSCSE). It is an international project collecting real data from elementary school students to create a database that aims to exploit as a source for teaching and learning statistics. Having the intention to propose the integration of the schools of Greece in this international program we tried an experiment through the process of collecting, recording, analyzing, describing and interpreting the data from a questionnaire applied to 375 students of the 105th Primary School of Thessaloniki, aged 6 to 12 years. The questionnaire was derived from the program slightly differentiated and adapted to the Greek reality. The aim of the application was to identify the capabilities within the Greek educational system, which provides the program in terms of encouraging students to engage in the management of facts. From the research found that the recommended tool could adequately respond to the educational needs of students in primary education, helps active involvement in the research process and thereby contribute to the development of statistical skills. As a corollary proposed cooperation between our country and the program to generalize its use.

Key Words: teaching statistics, real data handling, census at school