



## Modern Technologies in Omani Censuses

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### Abstract

Making progress in organizing and implementing large statistical process such as population census is not only dependent on the possibility of providing hardware and modern techniques for it, but also in the ability of statistics offices to take advantage of the technical possibilities for those devices and technologies. For example, computers are today accessible to the people who are responsible for conducting censuses anywhere in the world, but investing and employing their capabilities to serve the various aspects of the census program is more important. It is clear that involving information and communication technologies in implementing the phases of census operations will lead to time efficiency in all processes, cost reductions, better data quality, consistency and validity, and control over field work. This in turn leads to improvements in the management of the whole census process on a macro and micro level, as well as better communication and collaboration.

The paper sheds light on the efforts to utilize the advancement of information and communication technologies (ICT) in conducting population and establishment census in Sultanate of Oman (Oman). The paper gives a short introduction about Oman, then a quick brief about Census 1993 and Census 2003. After that, it will describe the different technologies used in the latest Census 2010. Finally, the paper will present some recommendations to be considered while utilizing ICT in implementing any statistical process in general and census in particular.

**Keywords:** Technologies, Census, Population, GIS, CATI, PDA.