

Training Human Resources for the National Population Census 2010 in Argentina

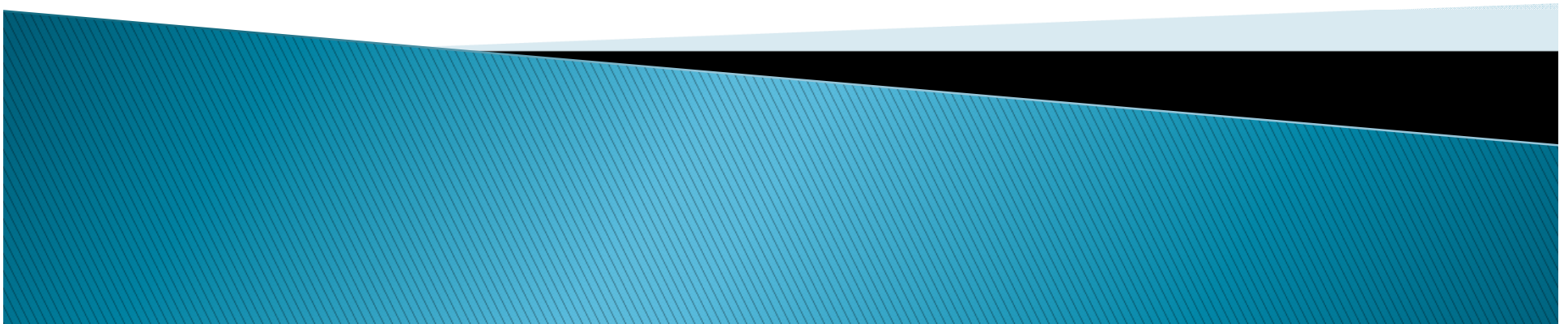
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Macao; August, 2013



Note: This paper was presented at the European Conference on Quality in Official Statistics (Q2012) which was held in the "Megaron Athens International Conference Centre" in Athens, Greece, on 30 May – 1 June 2012. It can be found at:

http://www.q2012.gr/articlefiles/sessions/12.2_Ruggieri_Experiences%20on%20training%20human%20resources%20for%20the%20national%20population%20census%202010%20in%20Argentina.pdf



Training Human Resources for the National Population Census 2010 in Argentina

- ▶ The main purpose of this paper is to show our experiences in the coordination and carried out of training personnel for the instruction structure in the Argentine's National Population Census that took place on October 27th, 2010.
- ▶ These training will mainly focus on maintaining uniformity on the census procedures, terms, concepts and definitions used in the census questionnaires and ensure the common understanding among the trainees.

- ▶ IASE/IAOS
- ▶ Macao, August 2013



INTRODUCTION

- ▶ The National Census of Population and Housing is the largest statistical operation carried on the countries. The information collected is of fundamental importance for understanding the reality of the different populations. The amount of human resources to be mobilized to ensure operational quality levels required for useful and timely information.
- ▶ The National Census of Population, Households and Housing was held on October 27, 2010, through the methodology of fact, by direct interview in one day.

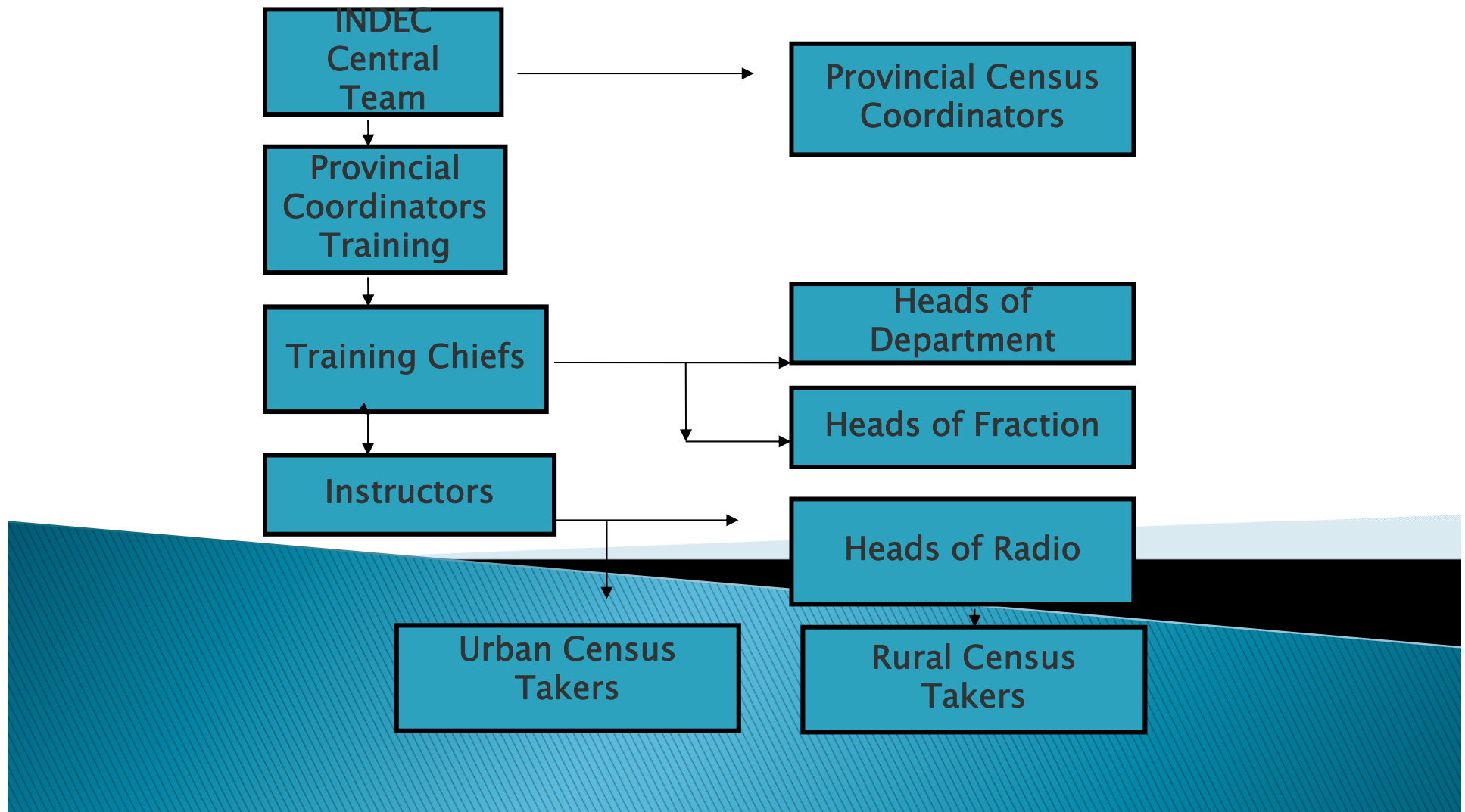


CENSUS TRAINING STRUCTURE

- ▶ The methodological characteristics of the 2010 Census of Argentina are associated with a training model "cascade".
- ▶ In order to minimize the "cascade effect", which usually generates distortions in the transmission of content, Argentina, in the last census, was directed to form in each province the training structure ad-hoc, which was responsible for the instruction of different levels of personnel responsible for surveying tasks.



TRAINING STRUCTURE DIAGRAM



CENSUS TRAINING STRUCTURE

- ▶ Besides the cascade training model, Argentina set about using a device multimedia training that helped to ensure the smooth transmission of knowledge and skills required for each position of the census structure. Among the training materials were developed instruction manuals for each of the jobs and a video for training of enumerators. The training manuals contain operating instructions, concepts and activities.



CENSUS TRAINING STRUCTURE

- ▶ The website also provided a place with a set of materials to publicize the census in school. There were materials for teachers to engage in activities with their students of primary school.
- ▶ The statistical office placed on its website a set of graphic materials, multimedia and conferences, and contribute to awareness of the census, those were of great useful for training, both the structure and the population census.



TRAINING AND QUALITY OF DATA

- ▶ The program and the training strategies are one of the most important aspects about data quality. For their effects on quality of data, perhaps, one of the most important census stages is the training of human resources that will take part of all stages of the census.

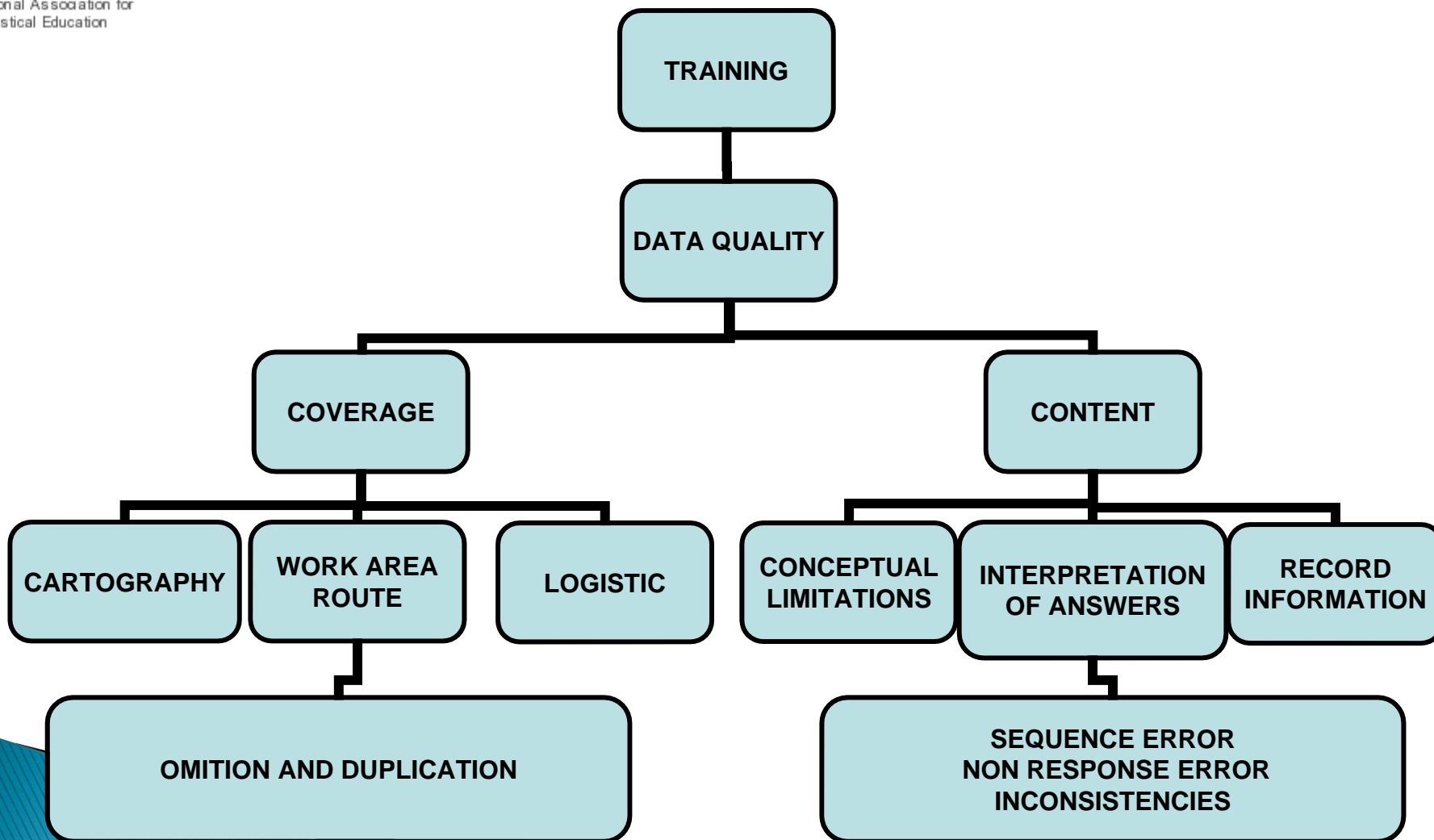




TRAINING AND QUALITY OF DATA



International Association for
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CONCLUSIONS

- ▶ The hardest part seems to be the articulation of all staff, so that different levels of the census structure are reported and closely hierarchically related .
- ▶ The challenge is on achieving joint participants in a census structure with hierarchical respected characteristics. Further issues to consider in relation to human resources are the difficulties associated with absences, both during training and during the operation.



CONCLUSIONS

- ▶ **Training scheme:**
To reduce the effect of "cascading"
- ▶ **Sensitization:**
Internet and social networking
- ▶ **Evaluation:**
Presence of non participants qualified
observers
Pilot tests



THANKS A LOT TO YOU ALL

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ROSARIO, SANTA FE
ARGENTINA





- ▶ The year 2013 has been declared universally International Year of Statistics, with the objective of increasing public awareness of the contribution of this discipline and its impact on all aspects of society. The statistic serves entrepreneurs to improve the quality of their products, economists to associate probability to their forecasts, biologists to evaluate the effect of new drugs, agronomist to test their fertilizer, designers to validate the need for the products developed, doctors to establish the risk of diseases, governments to foresee the needs of the population, communicators to know about the acceptance of their comments.



- ▶ Nowadays, statistics influences the daily life of everyone although the persons are not always aware of it: from the food and drugs they consume to the transport cost and the meteorological service announcements that guide them.
- ▶ This is a celebration to share with society since the Statistics is a science-based discipline that provides methodology to all areas in which it is necessary to obtain and analyze information, providing different approaches and new results.





- ▶ **Statistics School – Rosario National University – Argentina**
- ▶ During its 65° anniversary of his continuous training of statistical professionals
- ▶ (Licenciatura en Estadística –
- ▶ Maestría en Estadística Aplicada –
- ▶ Doctorado en Estadística)
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