



REPUBLIC OF THE PHILIPPINES

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## PHILIPPINE STATISTICS AUTHORITY

### PSA Board Resolution No. 11 Series of 2014

#### APPROVING THE 2013 MASTER SAMPLE DESIGN FOR HOUSEHOLD-BASED SURVEYS

**WHEREAS**, a master sample is a sample from which subsamples can be drawn to serve the needs of different surveys and the 2003 master sample is the current master sample for household-based surveys in the Philippine Statistical System (PSS);

**WHEREAS**, there is a need to redesign the 2003 master sample based on the following reasons: (a) there is a need to provide subnational or provincial level statistics with precise estimates from PSA's various household-based sample surveys, (b) there is a need to update the master sample frame based on the most recent information from the 2010 Census of Population and Housing and the 2012 Census of Agriculture and Fisheries, and (c) to ensure that there will be adequate samples that can be used until 2023;

**WHEREAS**, the Philippine Statistics Authority (PSA), in collaboration with Philippine Statistical Research Institute (PSRTI), pursued a project to develop and to design the 2013 Master Sample which features an improved frame that was developed using digitized maps of census enumeration areas (EAs) and barangays with boundaries verified and landmarks updated during the mapping activities carried out nationwide in 2012 to 2013 and continued in 2014;

**WHEREAS**, a rolling sample methodology will be adopted that allows the generation of province-level estimate after completing four rounds of data collection wherein each round a sample size of about 44,000 households will be used;

**WHEREAS**, a sample will be drawn using equal probability systematic design that will result into a self-weighting estimation procedure;

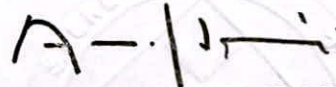
**WHEREAS**, the PSA conducted a consultative forum on the 2013 master sample design to present the new and improved master sample design for household-based surveys;

**WHEREAS**, the PSA endorses the 2013 master sample design to the PSA Board for adoption by the PSA in its household-based surveys;

**WHEREAS**, the modifications on the master sample design are part of the efforts to provide provincial-level statistics and at the same time to improve the quality of data generated by the PSA in order to provide users with reliable, relevant and useful household-based data;

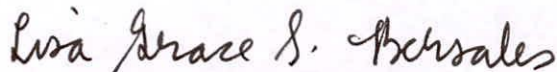
**NOW THEREFORE, BE IT RESOLVED AS IT IS HEREBY RESOLVED** that, the Board approves the 2013 master sample design for household surveys.

Approved this 21<sup>st</sup> day of November 2014, in Pasig City.



**ARSENIO M. BALISACAN**  
PSA Board Chairperson  
Socioeconomic Planning Secretary  
and Director General, NEDA

Attested by:



**LISA GRACE S. BERSALES**  
National Statistician and Civil Registrar General  
Chair, PSA Board Secretariat *K alc*