



REPUBLIC OF THE PHILIPPINES
PHILIPPINE STATISTICS AUTHORITY BOARD

PSA Board Resolution No. 5
Series of 2023

**APPROVING THE 2023 GEO-ENABLED 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 2013 Master Sample is the current master sample for household-based surveys in the Philippine Statistical System (PSS);

WHEREAS, there is a need to enhance the 2013 Master Sample based on the following reasons: (a) there is a need to update the implicit stratification variables, (b) there is a need to update the master sample frame based on the most recent information from the 2020 Census of Population and Housing and the 2021 Family Income and Expenditure Survey-Labor Force Survey (2021 FIES-LFS), and (c) to ensure that there will be adequate samples that can be used until 2033;

WHEREAS, the Philippine Statistics Authority (PSA) pursued a project to develop and to design the 2023 Geo-enabled Master Sample which provides the following advantages: (a) reducing the turnaround time and financial costs during the conduct of surveys, (b) easing the budgeting process in the planning of surveys including the estimation of transport costs, and (c) updating the implicit stratification variables with respect to the change of characteristics and structure of households to ensure correlation with the indicators to be estimated, and (d) integrating the geospatial location of sampling units in the sampling frame allowing efficient field operation;


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

WHEREAS, the PSA endorses the 2023 Geo-enabled Master Sample design to the PSA Board for adoption by the PSA in its household-based surveys;

WHEREAS, the enhancements on the master sample design are part of the efforts to provide provincial and highly-urbanized-city-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 2023 Geo-enabled Master Sample Design for household surveys.

Approved this 15th day of February 2023 in Quezon City.



ARSENIO M. BALISACAN, Ph.D.
Secretary
National Economic and Development Authority
Chairperson, PSA Board



Attested by:



DENNIS S. MAPA, Ph.D.
Undersecretary
National Statistician and Civil Registrar General
Philippine Statistics Authority
Chairperson, PSA Board Secretariat