**Technical Notes**

The 2010 Census-based provincial population projections utilized the cohort-component method, the same method used for the national and regional population projections. The cohort-component method takes into account the changes taking place among the three demographic processes namely: fertility, mortality and migration. The methodology involves separately projecting the fertility rates by age of women, 15-49 years, and the survival ratios and net migration rates (both internal and international) by five-year age groups, for each sex.

*Fertility*

The fertility inputs used for the 2010 Census-based projections are the age-specific fertility rates (ASFRs) and total fertility rates (TFRs) of women 15-49 years old for the base year, 2010, and the projected ASFRs and TFRs for the five-year periods, 2010-2015 to 2040-2045. The baseline TFRs by province were estimated using either the Palmore, Rele or P/F ratio methods. To ensure that the projected provincial TFRs are consistent with the projected regional TFRs, the degree of relationship between a provincial TFR and the regional TFR as of the base year, 2010, was maintained to the end-year 2045 of the projection period, under the medium assumption series.

*Mortality*

The provincial population projections require the age-sex-specific death rates (ASDRs) by province, based on the registered deaths from the Vital Registration System for years 2008-2010, and the life table estimates of age-sex-specific survival ratios during the base year and the projection period, also by province. Life tables were constructed to derive the baseline age-specific survival ratios separately for males and females. The data on registered deaths for males and females by age, adjusted for incompleteness of registration, were used to compute the baseline life tables. The age-sex-specific survival ratios for the projection period were taken from the life tables for the five-year projection periods, 2010-2015 to 2040-2045. These life tables were constructed by extrapolating the baseline ASDRs based on the General Pattern for males and the Latin American Pattern for females of the UN Model Life Tables and the projected under-five mortality rates for males and females by province.

*Migration*

Two types of migration inputs were applied to generate the provincial population projections – inter-regional migration and international migration. The baseline and projected age-sex-specific inter-provincial migration rates were based on the 2010 Census data on residence 5 years ago. For international migration, the baseline and projected age-sex-specific net number of international migrants were based also on the 2010 Census data on residence 5 years ago, and the data on registered emigrants from the Commission on Filipinos Overseas.