

**Technical Notes on the Identification of Nutritionally Depressed Municipalities
for CY 2004**

1. Nutritionally depressed municipalities (NDMs) were determined using two indicators: prevalence of malnutrition and audited per capita municipal income
2. Prevalence of malnutrition of the municipality was determined using the 2004 OPT ^{1/} results.
3. Municipalities (309) with OPT coverage below 80% and above 110% ^{2/} were excluded as well as those municipalities (78) which did not submit 2004 OPT results ^{3/}.
4. Prevalence of malnutrition was computed using the formula:

$$\text{Malnutrition Prevalence} = \frac{\text{total no. of preschool children with weights Below Normal Low \& Below Normal Very Low}}{\text{total number of preschool children weighed}} \times 100$$

5. Per capita municipal income was determined using data on total operating income of the municipality as reported in the 2004 Annual Financial Report prepared by the Commission on Audit (COA), and the NSO's 2004 projected population of the municipality using 1995 municipal census (Medium Assumptions).
6. Areas (82) with erroneous or no data on income ^{4/} or 2004 projected population ^{5/} were excluded from the list.
7. Per capita municipal income was computed using the formula:

$$\text{Per Capita Municipal Income} = \frac{\text{total municipal operating income}}{\text{projected total municipal population}}$$

8. Municipalities were ranked according to decreasing prevalence of malnutrition and increasing per capita municipal income.
9. Final rank of the municipalities was computed using the formula:

$$\text{Final rank} = \frac{(\text{rank per capita income} + \text{rank malnutrition prevalence})}{2}$$

^{1/} OPT is the annual weighing of all preschoolers 0-71 months old or below six years old in a community to identify and locate the malnourished children. It is done during the 1st quarter of the year and its results are used for local nutrition assessment and planning of local nutrition action program. The OPT is done by the Barangay Nutrition Scholar (BNS) with the assistance of Barangay Health Workers (BHW) and other community volunteers. Results of OPT are used to update the barangay spot map showing the location of households with malnourished children and other barangay landmarks.

^{2/} List of municipalities with OPT coverage below 80% and above 110%. (Attachment 1)

^{3/} List of Municipalities and Provinces which did not submit 2004 OPT results (Attachment 2)

^{4/} List of Municipalities with erroneous or no data on income for 2004 (Attachment 3)

^{5/} List of Municipalities and Cities with no data on 2004 projected population (Attachment 4)

B. Data Sources

1. Commission on Audit. "Aggregate Statement of Income and Expenses". 2004 Annual Financial Report.
2. National Nutrition Council Regional Offices. 2004 Operation Timbang Results.
3. National Statistics Office. 1995 Census-Based City/Municipal Population Projections