

## **PILOT SURVEY OF BROILER PRODUCTION IN COMMERCIAL FARMS**

One of the objectives of the Broiler and Swine Information Early Warning System (BSI-EWS) project is to improve the broiler and swine information and data base and its data system at the sub-national level, focusing at the pilot regions (survey methodology, data collection, data review and analysis). This activity is one of the components of the BSI-EWS project.

The first run of the pilot survey was conducted in Regions III and IV-A during the July 2008 survey round. After reviewing the survey results, the data generated from the survey were not sufficient, thus, the survey questionnaire was revised to include the following data items:

1. Number of day old chicks (DOCs) received in the farm
2. Disposition of broiler production by intention and by area of destination
  - a) Within the province - Sold live and hauled by integrators
  - b) Outside the province - Metro Manila and other areas

These data items were included in the questionnaire to determine the volume of chicken broilers coming from Regions III and IV-A and to estimate the quantity supplied by these regions to Metro Manila markets.

The second pilot survey was conducted during the January 2009 round and Region X was included in this survey. Using the revised questionnaire, the same sample respondents in the CLPS were interviewed during this survey. Instructions on how to fill up the revised questionnaire was prepared and was sent to all POCs in the 3 regions. Results of the 2<sup>nd</sup> run already showed substantial requirements in terms of data adequacy and quality of responses.

In April 2009 round another survey was conducted in these regions including Region I. This round intends to sufficiently transfer the technology of regional summarization, validation and basic analysis using both the manual procedures and the newly developed electronic processing system. In order to facilitate data generation, the POCs were provided with supplementary instructions on how to accomplish the provincial summary worksheet, manual consolidation/summarization of survey results, and generation of output tables. Guidelines on data review and analysis were also provided to come up with validated provincial estimates. A system was developed in the processing of survey results. The system will generate output tables much easier than manual computation.

Feedbacks from selected POC staff who conducted the broiler survey:

- If the respondent is an independent farm owner the items on the questionnaire regarding the number of broiler disposed by area of destination can be easily answered.
- If the respondent is a contract grower the broilers produced will be hauled by the mother company and be brought directly to the dressing plant or to be sold live. The respondents also know the destination of the broilers hauled from their farms whether to be sold within the province or be brought to Metro Manila or other areas outside the province.
- All items in the questionnaire can be answered by the respondents.

Recommendations:

Upon evaluation of the survey results in pilot regions, the revised questionnaire will be used nationwide starting April 2010 survey round, and by this time a processing system for this survey will be ready. The final questionnaire will also be submitted to NSCB for approval, and for institutionalization in the BAS data system.

## HIGHLIGHTS OF THE SURVEY RESULTS, January-March 2009

### REGION I

The total number of broilers produced in Region I was estimated at 8.66 million birds. Of this total 6.9 million birds or 79.6 percent came from Pangasinan. Of the total broiler disposition, 95.5 percent were hauled by integrators, and the rest were sold live, dressed on farm/outside DP. Total disposition by area of destination showed that around 5.5 million birds or 63.8 percent of the total production were disposed within the province, 60 percent of which were hauled by integrators and delivered to dressing plants. The rest (36.2%) were hauled by viajeros and integrators and were sold outside the region/province. Only 2.33 percent were brought to Metro Manila.

### REGION III

Broiler production in Region III reached 43.72 million birds with an average weight of 1.6 kilograms per bird, or a total of 69,968 thousand metric tons. By area of destination, around 30 percent of the total produced were sold live/hailed/dressed in and out of DP within the province, 42.4 percent were sold live/hailed by integrators and delivered to Metro Manila, and 27.6 percent were sold to other areas outside the region. The total number of broilers hauled by integrators for delivery to dressing plants in and outside the province was 15.9 million birds or 36.4 of the total broiler produced.