



**Republic of the Philippines
Department of Agriculture
Bureau of Agricultural Statistics**

WHOLESALE PRICE MONITORING OF ANIMALS

MANUAL OF INSTRUCTIONS

**Price and Trade Statistics Section
AGRICULTURAL MARKETING STATISTICS
ANALYSIS DIVISION
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I. INTRODUCTION

An assessment of the various monitoring and survey activities of the AMSAD is a continuing concern of the TWG on Agricultural Marketing Statistics. The Livestock Okasyon Market (LOM) monitoring, a regular activity of the AMSAD which cover carabao and cattle was assessed initially. The assessment focused on the usefulness of the information generated. It was observed that the number of POCs conducting this activity decreased continuously due to closure of several LOMs. Over the years, new livestock auction markets were established but were not included in the LOM monitoring. In consultation with the BAS technical divisions, the TWG found out that, except for price estimates, the rest of the generated information from LOM such as number of animals sold, number of animals registered for sale and number of animals sold by source of origin and destination per purpose are used only as indicators. Thus, the use of the data is not maximized and this statistical activity becomes redundant. Since the LOM results have not been part of the Bureau mainstream statistics, the TWG recommended for its termination. There is a need however, to continue monitoring the wholesale prices of animals which has been part of the LOM monitoring. This will be operationalized by revising the weekly survey on wholesale price of animals under the AGMARIS-AMNEWSS system which was supposed to be implemented beginning 1977. In this survey, the respondents are traders in the livestock auction markets. However, out of 16 provinces identified, only two POCs -Batangas and Pangasinan- are submitting their data.

A revised scheme of livestock price monitoring of the AGMARIS-AMNEWSS was recommended for implementation. This is to be called Wholesale Price Monitoring of Animals which will cover four (4) animal types by purpose.

II. OBJECTIVES

The specific objectives of the Wholesale Price Monitoring of Animals (WPMA) are as follows:

- 1) To gather prices of carabao, cattle, goat and hog by purpose (slaughter, work, fattening and breeding) from livestock auction markets; and
- 2) To generate monthly average prices of carabao, cattle, goat and hog by purpose.

III. METHODOLOGY

A. Coverage

The Wholesale Price Monitoring of Animals will cover thirty-eight LOMs spread in twenty-one (21) provinces (see Annex 1 for the complete list). Livestock types to be included are carabao, cattle, goat and hog.

B. Frequency of Data Collection/Collection Period

The collection activity shall be conducted once a week during 2nd and 4th week of the month on peak trading days of each week.

C. Source of Information

The data will be taken from the livestock auction markets and/or pooling place for livestock. Respondents could be traders and raisers who offer for sale animals either for slaughter, work, fatteners and for breeders. These respondents are to be selected purposively.

D. Data to be Collected

Wholesale prices of carabao, cattle, goat and hog according to purpose shall be gathered. Animals shall be classified into: 1) slaughter 2) work 3) fattening and 4) breeding.

The data to be collected will include:

- a) no. of heads
- b) weight
- c) value ; and
- d) price per kilogram

E. Number of Respondents

A maximum of five (5) respondents per animal type per purpose will be gathered during each collection day. Therefore, a maximum total of ten (10) respondents per animal type per purpose is required for the two-week monitoring.

F. Forms to be Used

F1. Collection Forms

There are two (2) collection forms to be used in the Wholesale Price Monitoring of Animals, namely:

WPMA Form 1a – Collection Form for Wholesale Prices for Carabao and Cattle (Annex 2)

WPMA Form 1b – Collection Form for Wholesale Prices for Goat and Hog (Annex 3)

F2. Summary Form

WPMA Form 2 – Provincial Summary Form for Wholesale Prices for Carabao, Cattle, Goat and Hog by purpose (Annex 4). This is generated from the processing system.

G. Estimation Procedure

The monthly average wholesale price per kilogram by animal type according to purpose is obtained by

$$\text{WPr (for the month)} = \frac{\Sigma \text{ Value}}{\Sigma \text{ Weight}}$$

Where:

Σ Value - refers to the total no. animals sold

Σ Weight – refers to the total liveweight of animals

H. Processing

An Excel-based template has been developed by CO (see part V) to facilitate the processing at the POCs. The **Provincial Summary** to be generated from the given template should be submitted to CO in soft and hard copies during the **1st week of the following month** after the reference month. Initially and until further advice, the survey questionnaires should likewise be submitted to CO after data inputting at the POCs.

I. Definition of Terms

1. **Wholesale Price** Prices paid by traders/received by sellers in LOMs and pooling places regardless of quantity sold.
2. **Livestock “Okasyon” Market (LOM)** It is a registered pooling place or ready market for livestock particularly large animals for slaughter. It is a trading center accredited by the government to operate livestock trading with the presence of marketing facilities such as weighing scale, holding pens, loud speaker, etc. and the services of weighmaster and local government staff to record and supervise transactions.

3. **Pooling Place** Prior to the establishment of LOMs, any place of business wherein livestock and poultry were offered for sale without the necessary animal market facilities and where transactions were conducted in an unorganized form.
4. **Liveweight** Weight of live animals.
5. **Breeding** Selected animals intended for reproduction.
6. **Slaughter** Animals intended for meat production.
7. **Average Price per Kilogram** This is derived by dividing the total value of the animals sold from the total liveweight.

$$\text{Ave. price/kg} = \frac{\text{Total value of animals sold}}{\text{Total liveweight of animals}}$$

IV. INSTRUCTIONS ON HOW TO ACCOMPLISH THE COLLECTION FORMS

General Instructions

- a) Accomplish the questionnaires properly and neatly. Use soft lead pencil. Write entries legibly in clear and big letters and numbers. Wrong entries must be erased neatly and not crossed out. Write the correct ones on the spaces provided.
- b) Enter answers to questions in the corresponding spaces. Be careful in recording numerical answers. Record pesos in two decimal places.
- c) Do not leave any space blank. A blank space means that the corresponding question was not asked of respondents. If question is not applicable, enter a dash (-) in the corresponding answer space to show that there is no report for that item.

1) WPMA Form 1a – Collection Form for Wholesale Prices for Carabao and Cattle

This is the collection form to be used in gathering wholesale prices for carabao and cattle. Before filling up the different columns, complete first the identification portion at the upper part of the questionnaire by indicating the region, province, city/municipality, barangay, LOM/pooling place and week/month/year, check the box for the animal type. Use a separate WPMA Form 1a for each animal type or per livestock auction markets.

The following information should be entered on the space provided per purpose (slaughter, work, fattening and breeding).

- a) no. of heads
- b) value
- c) weight
- d) price per kilogram

2) WPMA Form 1b – Collection Form for Wholesale Prices for Goat and Hog

This is the collection form to be used in gathering wholesale prices for goat and hog. Before filling up the different columns, complete first the identification portion at the upper part of the questionnaire by indicating the region, province, city/municipality, barangay, LOM/pooling place and week/month/year, check the box for the animal type. Use a separate WPMA Form 1b for each animal type or per livestock auction markets.

WPMA Form 1b is basically the same as WPMA Form 1a. The two forms differ only in the type of animals and the classification by purpose. Therefore, the instructions for WPMA Form 1a should be followed in accomplishing WPMA Form 1b.

The entries should be reviewed by the WPMA point person and by the PASO. To make sure this is done, their signatures should be affixed on the spaces provided at the bottom.

V. Processing System

1. System Requirements

For optimum performance of the system, the specifications given below should be met accordingly.

Operating Systems:	Windows 98/ME/2000/XP
Processor:	A computer running a minimum of 266Mhz (Recommended 533Mhz)
Memory:	At least 32MB of RAM
Hard Disk:	At least 300 Mb capacity
Application Software:	MS Office 2000 (EXCEL)

2. System Installation

1. Extract the zip file contained in the floppy disk to “C:\” (The files will automatically be extracted to the directory “C:\LOM\Templates”).
2. Go to “C:\LOM\Templates”.
3. Right click on the file “LOM_System.xls” then highlight “Send To” and choose “Desktop (create shortcut)”.
4. Copy the file “WPMA Collection Forms.xls” from the floppy disk to “C:\LOM\” directory.
5. Inside the “C:\LOM\” directory, create a new folder named “Data”.

3. Accessing the System

Once the system is installed, the **WPMA** icon is displayed on the desktop. To access the system, follow the steps below:

1. Double click on the **WPMA** icon from the desktop.
2. The **WPMA** start-up screen will be displayed as shown below.
3. Select transaction at the drop down menu then click **Begin** button.
(See Figure 1)

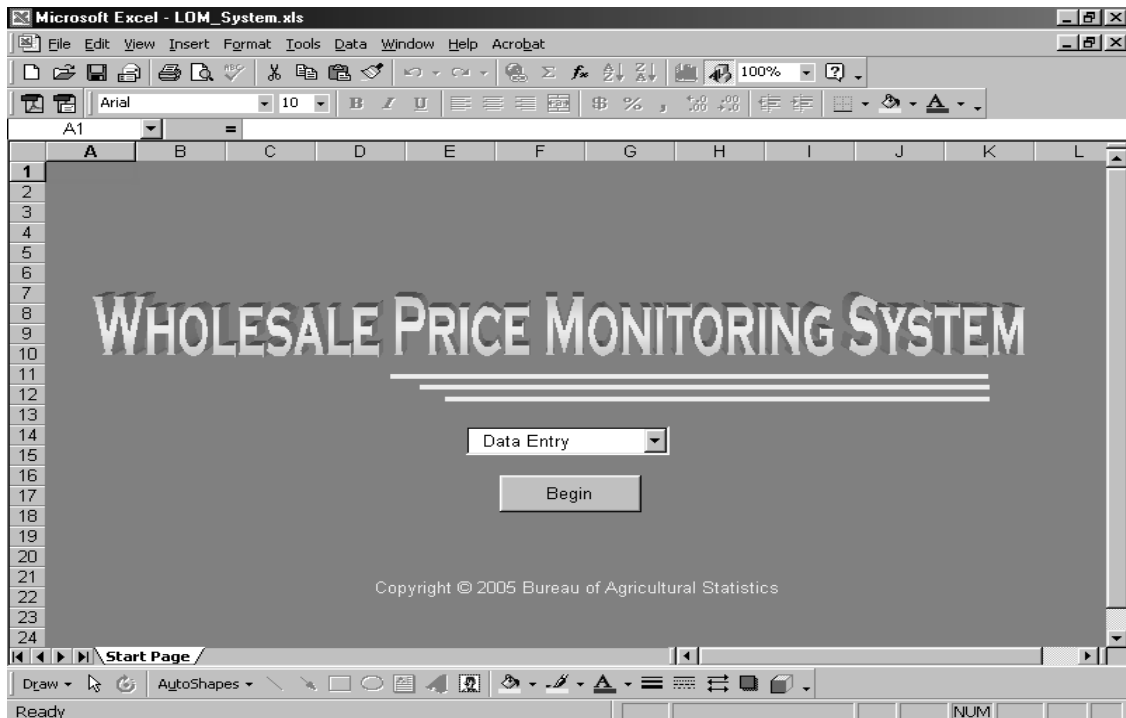


Figure 1 Start-up screen.

4. Entering Data

Survey Info Data Entry

The screenshot shows the 'Survey Info Data Entry' screen within the Microsoft Excel application. The form contains the following fields and values:

- Region : CAR
- Province : Abra
- City / Municipality : Dolores, Brgy Talagtog
- LOM / Pooling Place : Dolores, Brgy Talagtog
- Animal Type : Carabao
- Year : 2005
- Month : January
- Week : Week 1

A 'Next' button is located at the bottom of the form. The Excel interface shows the 'Survey Info' tab selected in the bottom pane.

Figure 2a. Survey Info Screen

1. Enter the required information:

Region
Province
City/Municipality
LOM/Pooling Place
Animal Type
Year
Month
Week

2. To continue the data entry procedure click on the “**Next**” button and the “**Data Entry**” screen will be displayed.

Data Entry

Purpose	Data Field	Respondents					TOTAL
		1	2	3	4	5	
Slaughter	No. of Heads						0
	Value						0
	Weight						0
Work	No. of Heads						0
	Value						0
	Weight						0
Fattening	No. of Heads						0
	Value						0
	Weight						0
Breeding	No. of Heads						0
	Value						0
	Weight						0

Figure 2b. Data Entry Screen

1. Enter the data in their corresponding fields.
2. To save the entered data click the “**Submit**” button.

Note: Upon clicking the “**Submit**” button, the data will be saved inside the “C:\LOM\Data” directory. (Sample: Abra2005.Xls).

5. Report Generation

1. At the start page click on **Monthly Report** at the drop down menu (See Figure 3a).
2. Click on “**Begin**” button and the “**Monthly Report**” screen will be displayed (See Figure 3b).

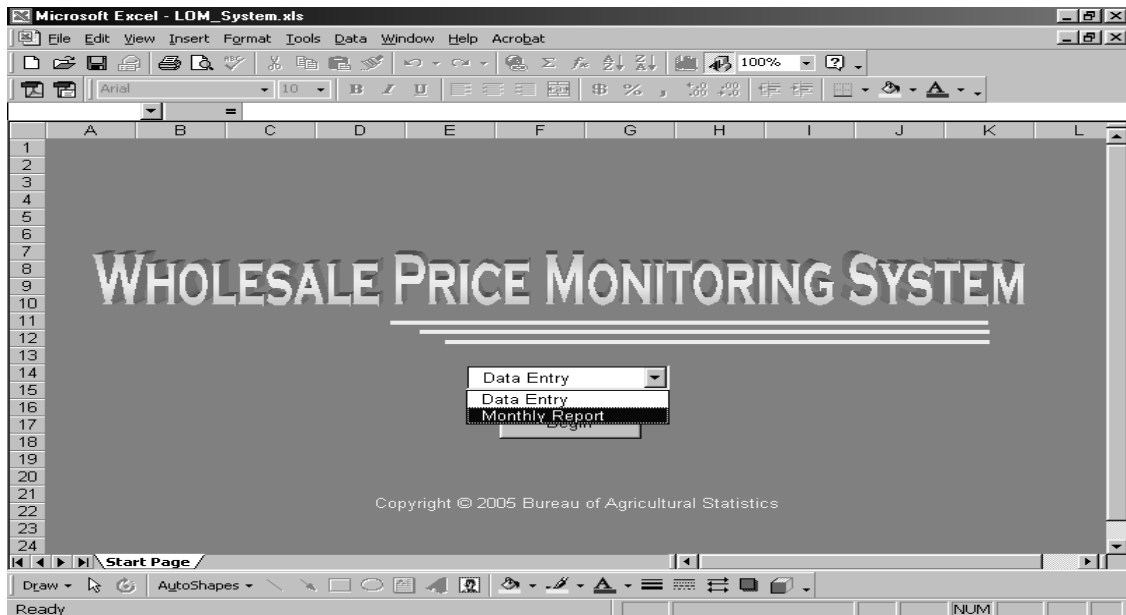


Figure 3a. Monthly Report Generation

1. Supply the necessary information then click “**Generate**” button. An error message will appear if there is no data for the specified province, year and month you specified (See Figure 3c).

Note: The report will be saved inside the “C:\LOM\Data” directory.
(Sample: Abra(January2005).Xls).

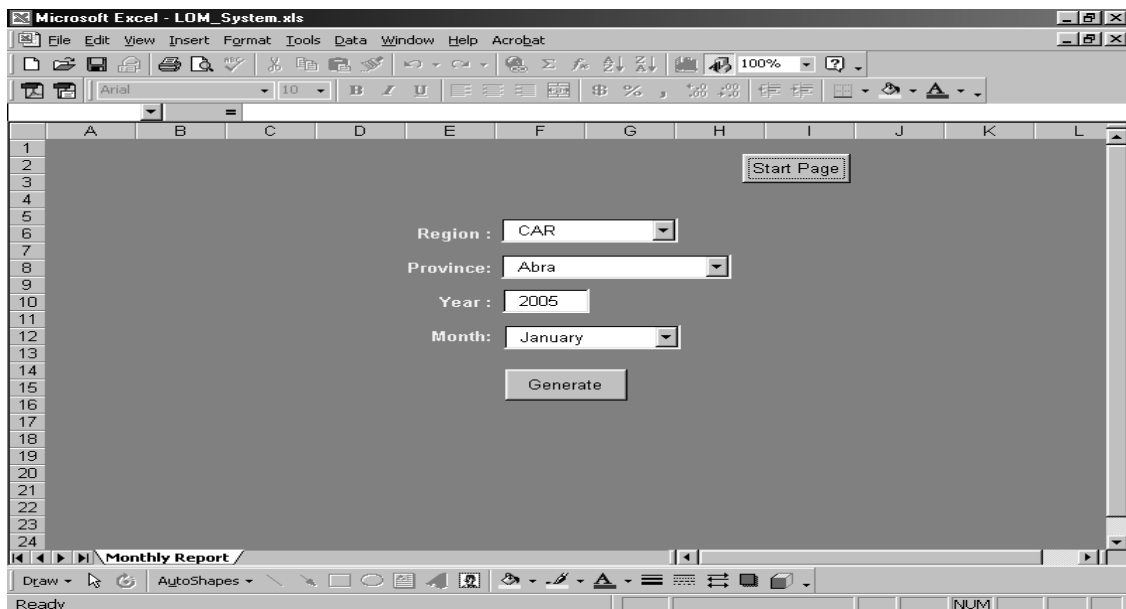


Figure 3b. Monthly Report Generation

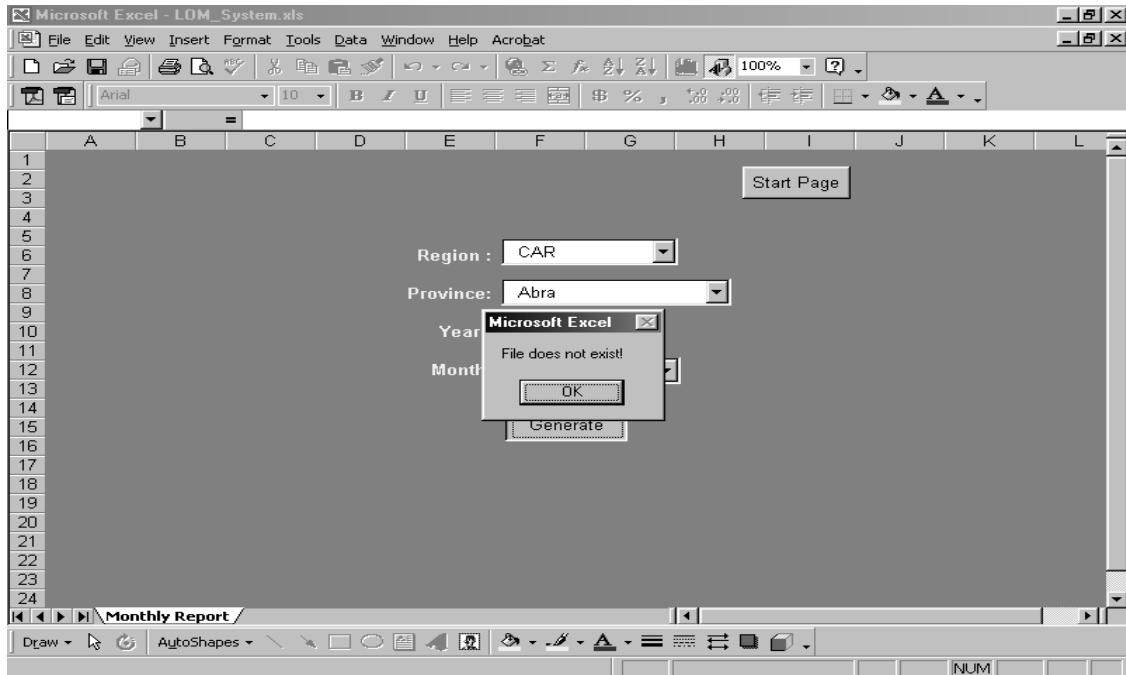


Figure 3c. Monthly Report Generation

Important: All inquiries/questions regarding this activity should be addressed to PTSS, AMSAD at telefax # 3712079 (Survey Instructions) or to ICTD at telephone # 3712048 (Processing System).