

The Philippine Agricultural Statistics Dissemination and Advocacy Systems Towards Statistical Literacy

A Country Presentation

**Regional Workshop on Statistical Literacy: Increasing Effective Use of
Agricultural and Rural Statistics
Daejeon, Republic of Korea
July 12-18, 2015**



REPUBLIC OF THE PHILIPPINES
PHILIPPINE STATISTICS AUTHORITY
PHILIPPINE STATISTICAL RESEARCH AND TRAINING INSTITUTE

Outline

I. Introduction

- EO 116: Legal Framework of the ASS
- RA 10625: Reorganization of the PSS

II. Existing Strategies and Programs

- A. Statistical Training
- B. Statistical Research and Development

Outline

III. Communication Practices

- A. Interaction with Key Users/Stakeholders
- B. Innovative and Creative Tools for Communication
- C. Data Dissemination Products

Introduction

Agricultural statistics (AGSTAT) is one of sectoral statistics being generated by the Philippine Statistical System (PSS). It ensures its timely and relevant production of statistics.

- PSS is reorganized by virtue of Republic Act 10625 creating the Philippine Statistics Authority (PSA) and the Philippine Statistical Research and Training Institute (PSRTI)
- PSA is a merged body of four agencies, namely National Statistics Office, National Statistical Coordination Board, Bureau of Agricultural Statistics and Bureau of Labor and Employment Statistics
- PSRTI is new agency abolishing the former Statistical Research and Training Center (SRTC).

Legal Framework for Agricultural Statistical System

- 30 January 1987 - EO 116 designated BAS as the official statistical agency for agriculture, fisheries and related fields provided BAS mandates as follows:
 1. To collect, compile and release official agricultural statistics;
 2. To exercise technical supervision over data collection centers; and
 3. To coordinate all agricultural statistics and economic research activities of all bureaus, corporations and offices under the Department of Agriculture.

AgStat at current set-up...

- Within functional and organizational structure of the PSS
 - PSA is mandated to:
 - conduct regular national surveys and other statistical activities for generating statistics on agriculture and fisheries which include but not limited to production, prices and farm economics;
 - develop and maintain an effective and efficient information service;
 - enhance the capacity of its manpower and stakeholders in accessing and analyzing agricultural information.

AgStat at current set-up...

- Within functional and organizational structure of the PSS
 - PSRTI
 - design and implement Human Resource Development Program (HRDP) for the PSS
 - develops and conducts statistical research and training courses in collaboration with the academe.

II. Existing Strategies and Programs of the PSS

“To be useful, official statistics need to be used”

- Bill McLennan (2005)

- Capable producers are required to maintain high quality, trust and regard in which official statistics are held.
- Official Statistics need good underpinning methodology so strong emphasis is placed on the recruitment, training and grooming of young methodologists.
- Capable users are required to ensure that official statistics are used and valued.

A. Statistical Training

1. Wider reach of statistical training through the regional training affiliates
2. Enhanced international cooperation in statistical capacity building
3. Sustained human resource development in the PSA
4. Initiating statistical capacity building at the local levels

B. Statistical Research and Development Programs

1. Regular updating of research agenda for the PSS
2. Conduct of R&D activities
3. Inventory of SR&D initiatives
4. Wider dissemination of SR&D outputs
5. Thesis and dissertation fellowship program
6. Scholarship program under the RGSSP
7. Establishment of statistical career system
8. Enhancement of statistical information dissemination and communication strategies

III. Communication Practices and Dissemination System

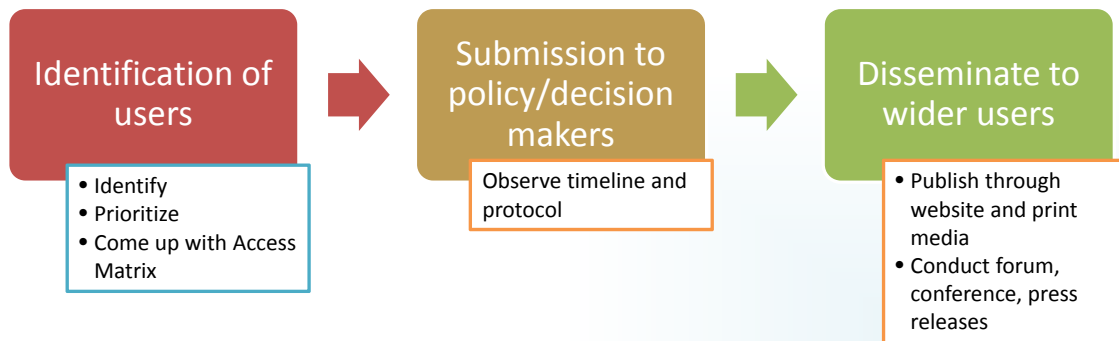
A. Interaction with Key Users of Statistics/Stakeholders

- Processes that turn data into information before it is disseminated to and utilized by the public.



A. Interaction with Key Users of Statistics/Stakeholders

- Process and Practice (Data Dissemination, Communication and Advocacy Activities).



A. Interaction with Key Users of Statistics/Stakeholders

KEY USERS OF AGSTAT

- National Government Agencies, especially the Department of Agriculture
- Legislative offices (Senate and House of Representatives)
- Local Government Units
- Academic institutions including students (private and government)
- Research Institutions

A. Interaction with Key Users of Statistics/Stakeholders

KEY USERS OF AGSTAT

- Non-Governmental Organizations (NGOs) and Farmers Organization
- Foreign embassies and international organizations
- Private companies
- Media
- General public especially famers and fisher folks

B. Innovative and Creative Tools for Communicating Statistics

- Access to A&R statistics has taken various forms and modes with the Internet as the fastest and most efficient channel.
- NGAs continue to innovate and spend to develop online interactive statistical databases, information systems, ICT applications, and other emerging means to disseminate and communicate statistics

Government Statistics Accessibility Program (GSAP)

- Statistical information dissemination in the PSS has a general guiding framework in the Government Statistics Accessibility Program (GSAP).
 - GSAP provides general strategies to improve accessibility of statistical products and services in the PSS.

Government Statistics Accessibility Program (GSAP)

NSCB Resolution No. 10-1997

Adoption and Implementation of the GSAP

- Serve as overall guiding framework and aims to "pole vault" the improvement in the accessibility of statistical information and services

Ultimate Goals

- to widen knowledge and facilitate faster and sounder decision-making by making statistical information and services more accessible; and,
- to maximize the benefits from the investments made in data collection.

Government Statistics Accessibility Program (GSAP)

Major Activities

1) Adoption of the GSSID: General Standards on Statistical Information and Dissemination

- NSCB Resolution No. 8 – 1999 – As an omnibus mechanism of the government to set appropriate acceptable standards of accuracy, integrity, timeliness and accessibility of government statistics.
 - Providing all appropriate metadata
 - Appraising accuracy of data using statistical measures
 - Keeping users informed of revisions and changes in methodology, etc.

Government Statistics Accessibility Program (GSAP)

Major Activities

2) Data archiving

- NSCB Resolution No. 11-2002 - Sets policies and guidelines on data archiving for the Philippine Statistical System
 - to ensure the preservation, systematic storage and retrieval of the statistical data including records on their methodology, concepts and other metadata

Government Statistics Accessibility Program (GSAP)

Major Activities

3) Statistics Promotion/Communication Program

- to create the need and/or promote the appreciation and educate the data users including the distributors on the proper utilization of available statistical information and services.

Government Statistics Accessibility Program (GSAP)

Major Activities

- 4) **General Pricing Policy** - sets policies on what, when and how much to charge for statistical products and services
 - NSCB Resolution No. 11-1999 – approves the general pricing policy for the PSS
 - NSCB Resolution No. 01-2006 – approves and adopts the framework on the provision of statistical products and services of the PSS

Government Statistics Accessibility Program (GSAP)

Major Activities

- 5) **Advance Release Calendar (ARC)** - presents the date of release of data produced by agencies of the Philippine Statistical System (PSS)
- 6) **Alliance with the Private Sector** - expanded involvement and participation of the private sector in the areas of data sharing, joint venture and technology transfer
 - NSCB Resolution No. 01-2007 - authorizing the NSCB Technical Staff to enter into a memorandum of agreement with the private sector on data subscription services

Government Statistics Accessibility Program (GSAP)

Major Activities

7) Institutionalization of the National Statistical Information Center

- establishment in all regions a system where statistical information produced from several agencies can be accessed conveniently thru one-stop facilities, products and services

B. Innovative and Creative Tools for Communicating Statistics

- Web posting
- Print media dissemination
- Conduct of user-producer forum
- Conduct of appreciation-orientation seminar
- Data use in researches as published in a recognized journal
- Presentation to convention and conferences

B. Innovative and Creative Tools for Communicating Statistics

- Presentation to symposium in SUCs/HEIs
- Conduct of annual National Statistics Month every October
- Advance Release Calendar for Designated Statistics
- Maintenance of various databases

B. Innovative and Creative Tools for Communicating Statistics

- Internet-based information exchange systems
 - CountrySTAT Philippines
 - PhilFSIS
 - BEANS

C. Data Dissemination Products

- *CountrySTAT Philippines Databases*
- *PhilFSIS Reports*
- *Public Use Files (PUFs), Licensed Files and Data Enclave from the BEANS*
- *Metadata for the National Agricultural Statistics in the Philippines*

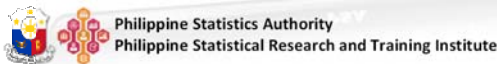
C. Data Dissemination Products

- *Situationers*
- *Technical Reports*
- *Publications*
- *Technical Guides*

CountrySTAT Philippines



<http://countrystat.psa.gov.ph>



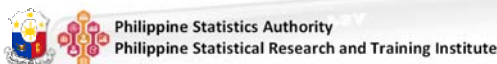
Philippine Statistics Authority
Philippine Statistical Research and Training Institute

- A web-based system that can serve as a statistical framework for the organization, harmonization and synchronization of data collection and dissemination in food and agriculture for analysis and policy making.
- Promotes the use of data and metadata standards, data exchange tools and related methods.

Philippine Food Security Information System (PhilFSIS)



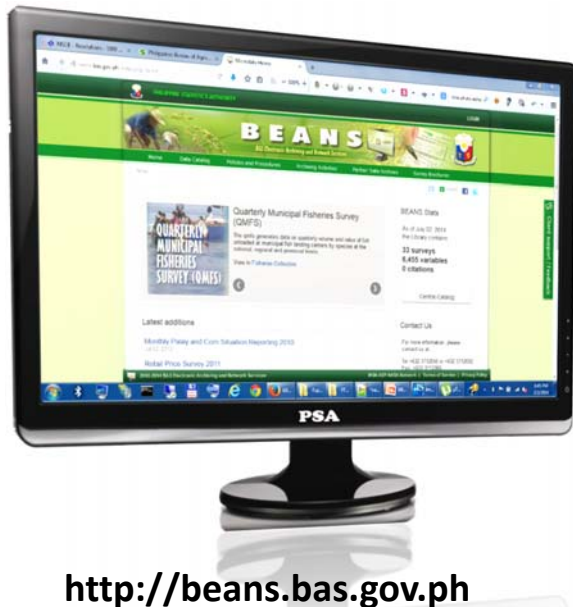
<http://philfsis.psa.gov.ph>



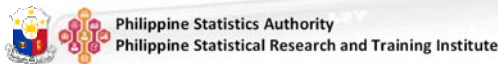
Philippine Statistics Authority
Philippine Statistical Research and Training Institute

- A one-stop shop containing relevant, timely, comprehensive, user-friendly, and accessible data affecting food security
- Enhance food security planning, implementation and evaluation through improved organization, analysis and dissemination of relevant data and information
- Country-version of AFSIS

BAS Electronic Archiving and Network Services (BEANS)



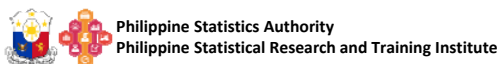
<http://beans.bas.gov.ph>



- A web-based survey cataloguing system powered by the National Data Archive (NADA) application developed by the International Household Survey network (IHSN)
- Serves as a portal for researchers to browse, search, apply for access, and download relevant census or survey data and metadata

Products: CountrySTAT Databases

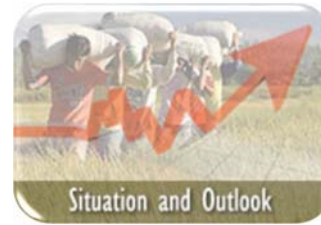
- [Crops](#)
- [Livestock and Poultry](#)
- [Fisheries](#)
- [Macro Economic Indicators](#)
- [Exports](#)
- [Imports](#)
- [Food Consumption](#)
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- [Wholesale Prices](#)
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- [Fertilizer and Pesticides](#)
- [Land Use](#)
- [Labor and Employment](#)
- [Costs and Returns](#)
- [Others](#)



PhilFISIS Reports for Dissemination



Provides an in-depth analysis of the state of food security in the country



Describes the current trend, medium term expectations on food security



Monitoring threats to food security and viable mitigation strategies

PhilFISIS Reports for Dissemination



Maps the price and market situation for selected commodities in the country

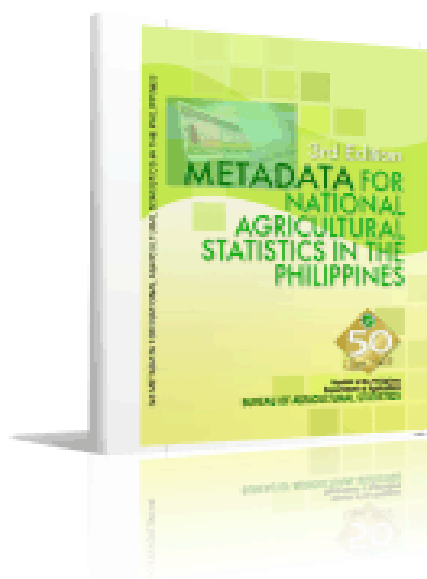


Gauges implications of internal and external factors to food security



Provides information on sowing/planting and harvesting periods of selected PhilFISIS commodities

Products: Metadata for Agricultural Statistics



- A comprehensive document which presents the details about the data and databases generated and/or compiled by the then BAS.
- Serves as an important vehicle for the data users towards better understanding of statistical outputs of the agricultural statistical system. I
- Presents the inputs and processes involved in the entire cycle of collection, generation and dissemination of statistical data.
- This third edition enhances and updates the earlier issues to further improve the products and services of CountrySTAT Philippines website.

Designated Statistics and Release Calendars

DESIGNATED STATISTICS	RELEASE CALENDAR
Survey of Retail Prices of Commodities	30 days after the reference month
Survey of Wholesale Prices of Commodities	30 days after the reference month
Farm Prices Survey	30 days after the reference quarter
Palay and Corn Production Survey	45 days after the reference quarter
Seasonally Adjusted Palay Production and Prices	45 days after the reference quarter

Designated Statistics and Release Calendars

DESIGNATED STATISTICS	RELEASE CALENDAR
Palay and Corn Stocks Survey	10 days after the reference month
Backyard Livestock and Poultry Survey /Commercial Livestock and Poultry Survey	45 days after the reference quarter
Quarterly Commercial Fisheries Survey	45 days after the reference quarter
Quarterly Municipal Fisheries Survey	45 days after the reference quarter

PSA Statistical Products

SITUATIONERS

Updates on Palay, Rice and Corn Prices (Weekly)

Price Watch Reports (Weekly)

Monthly Palay and Corn Situation Report

Monthly Rice and Corn Stocks Inventory

Updates on Fertilizer Prices (Monthly)

Inflation in Agriculture (Monthly)

Quarterly Palay and Corn Situation and Outlook

Updates on Foreign Trade Performance (Quarterly)

Employment in Agriculture (Quarterly)

PSA Statistical Products

OTHER STATISTICAL REPORTS AND PUBLICATIONS

Selected Statistics on Agriculture

Performance of Philippine Agriculture

Deseasonalized Palay Production and Prices

Crops Quarterly Bulletin

Livestock and Poultry Industry Performance Reports

Situation and Outlook on Supply and Demand for Broiler and Swine

Fisheries Statistics of the Philippines

Fisheries Situationer



Philippine Statistics Authority
Philippine Statistical Research and Training Institute

PSA Statistical Products

OTHER STATISTICAL REPORTS AND PUBLICATIONS

Modules on Agricultural Indicators System

**Supply and Utilization Accounts of Selected Agricultural
Commodities**

Trends in Agricultural Wage Rates

Commodity Fact Sheets

The Philippine Agricultural Economy

StatGuide for Farmers

Agricultural Foreign Trade Development (Annual Report)



Philippine Statistics Authority
Philippine Statistical Research and Training Institute

Technical Papers

- A collection of technical papers written by BAS officials and staff covering information related to food and agriculture.
- These papers have been presented in seminars, workshops, and conferences both in the local and international settings.
- Technical papers provide information on the importance and/or uses of the statistical data, and the processes involved in data generation.

Other Products: Technical Guides

[Technical Notes / Metadata](#)

Concepts and methodologies behind key indicators

[Glossary of Terms](#)

Standard definition of terms and concepts used on this site

[Advance Release Calendar](#)

Presents the date of release of data produced by the PSS

[Timetable of Field Operations](#)

The official calendar of field activities to be implemented for the year

Evaluating the Outcomes

- Feedback mechanism
 - Public Assistance Counter
 - Feedback forms
 - RSS feeds

Feedback Mechanism

- Good feedback from the users encourages to improve the process documentation of statistical activities.
- It contributes to the enhancement of the quality of the products and services of the agricultural statistical system

Feedback Mechanism: Public Assistance Counter (PAC)

- Not only serves as locator for researchers/visitors, but also serves as an effective feedback mechanism for assessing the quality and kind of services rendered to its clients.
- Provides the assistance to walk-in clients and responds to phone-in, cellphone and email inquiries and to formal letters for data requests.

Feedback Mechanism

- Devised feedback forms:
 - For walk-in researchers
 - For website clients
 - For readers and users of publication
 - for other clients and stakeholders referred to directory of officials and staff
- The feedback of the clients are monitored, consolidated and reported to the Management
- When negative comments/complaints are noted, the PSA properly addresses and responds to the issues and concerns being raised.

Impact of Statistical Literacy on the Use of ARS

- Respondents
 - Broad dissemination and analysis of 'official' statistics creates positive public image which helps to secure support and collaboration with survey respondents.
 - Statistically literate people are more willing to respond to surveys because they recognize that timely and accurate survey responses are linked to more relevant data outputs.
 - Better response rates

Impact of Statistical Literacy on the Use of ARS

- Demand for statistical products are becoming more numerous, more detailed, more diverse and more readily available.
- Students, in learning to make their own statistical products, make use of official statistics as models of good practice and provide them a ready-made and vast resource to draw on.
- The use of official statistics in policy making is more relevant.

Impact of Statistical Literacy on the Use of ARS

- Stakeholders
 - Strong collaboration and partnerships with stakeholders have increased the exposure of statistical products and services.
 - Stakeholders redistribute relevant information to their members and clients and provide a seal of approval to the organization's activities.

Impact of Statistical Literacy on the Use of ARS

- Organized conferences, fora, seminars or events help to raise awareness about statistical programs and develops partnerships among stakeholders.
- From consultative to collaborative to cooperative

Impact of Statistical Literacy on the Use of ARS

- The use of new technologies to reach people who want to receive relevant information and services demands more involvement in social networks and more frequent information updates.
- New services such as RSS feeds, Twitter, Linked-In, Widgets and Apps for mobile devices are becoming more apparent.
- Dynamic visualizations of data can tell a story at a glance and are more useful in helping people understand economic indicators.

Impact of Statistical Literacy on the Use of ARS

- A vehicle for soliciting support in improving and enhancing the quality of the data;
- Contributes to the assessment of statistical products and services;
- Helps in determining the usefulness of the data and identifying what are still needed to be done;
- Strengthens collaboration among data producers and users.

References

- Philippine Statistical Development Program, 2011 – 2017 Strategic Plan
- The PSA Agricultural Information System. A paper presented during the orientation on the National Agri-food Information System (NAIS) project, by J. Jalisan.
- Establishment of BAS Geographic Information System. A conference paper presented during the BAS National Management Consultative Meeting on November 23, 2011 at Hotel Stotsenberg, Clark Freeport Zone, Pampanga, by Reynaldo Q. Vallesteros, Jr.
- Communicating and Advocating Agricultural and Rural Statistics in the Philippines. A paper presented at Regional Course on Communication and Advocacy for Agricultural and Rural Statistics 20 – 24 April 2015, Beijing, China, by RV Litan, CA Duran, and MC Magtulis
- Turning Statistics into Knowledge: A Developing Country Approach, A Paper presented during the Seminar on Innovative Approaches to Turning Statistics into Knowledge, 22-27 May 2008 at Stockholm, Sweden, by Lina V. Castro
- Making Data Meaningful, Part 4: A Guide to Improving Statistical Literacy, United Nations Economic Commission for Europe.

“The role of the statistical organization is changing - it is no longer enough to merely collect and produce statistics. The need for statistical organizations to understand diverse data user needs, improve dissemination processes, raise awareness of the value of these statistics and to actively encourage their informed use is imperative to staying relevant and responsive”. - *UNECE*

Maraming Salamat po.

(Thank you very much.)



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