

Cagayan Valley Regional Statistical Development Program 2023-2029



REPUBLIC OF THE PHILIPPINES
PHILIPPINE STATISTICS AUTHORITY

REGION II – CAGAYAN VALLEY

The **Cagayan Valley**
Regional Statistical Development Program 2023-2029

is a publication developed by the Philippine Statistics Authority - Regional Statistical Services Office II (PSA-RSSO II). It was created in collaboration with various regional government agencies, local government units, state universities and colleges, higher education institutions, and the private sector within the Regional Statistical System.

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RSC2 RESOLUTION NO. 15
Series of 2024

**APPROVING AND ENDORSING TO THE REGIONAL DEVELOPMENT COUNCIL
THE CAGAYAN VALLEY REGIONAL STATISTICAL
DEVELOPMENT PROGRAM 2023-2029**

WHEREAS, Section 06 of Republic Act (RA) No. 10625, otherwise known as the Philippine Statistical Act of 2013, mandates the Philippine Statistics Authority (PSA) to prepare the Philippine Statistical Development Program (PSDP) in consultancy with the PSA Board;

WHEREAS, the PSDP provides a mechanism for setting the directions, thrusts, and priorities of the Philippine Statistical System for the generation and dissemination of statistical information in support of the priority executive programs set forth in the medium-term national development plan and for use in policy and decision-making in both public and private sectors;

WHEREAS, the Implementing Rules and Regulations of RA 10625 tasked the PSA Board, the highest policy-making body on statistical matters in the country, to approve the PSDP;

WHEREAS, PSA Board Resolution No. 05, s. 2015, established the Regional Statistics Committee (RSCs) to provide direction and guidance to regional/local statistical development activities and shall serve as a policymaking body on statistical matters at the regional level;

WHEREAS, PSA Board Resolution No. 01, s. 2023, "Enjoining Members of the Philippine Statistical System to Participate in the Formulation of the Philippine Statistical Development Program 2023-2029 and Approving the Creation of a Steering Committee and Sectoral Working Groups for this Purpose", designates the RSCs as the steering committees in the regions for the formulation of the Regional Statistical Development Program 2023-2029;

WHEREAS, the RSDP is the regional version of the PSDP;

WHEREAS, PSA Regional Statistical Services Office II (RSSO II) was tasked to coordinate the preparation of the RSDP of the region in consultation with the RSC2;

WHEREAS, RSC2 Resolution No. 07, s. 2023, enjoins all regional line agencies, local government units, academe, private sector organizations, and other stakeholders in Region II-Cagayan Valley to support the formulation of the CV-RSDP 2023-2029;

WHEREAS, the CVRSDP 2023-2029 envisions a responsive, effective, and efficient Regional Statistical System (RSS) that provides quality statistics for evidence-based decisions to improve the life of the Cagayan Valley people;

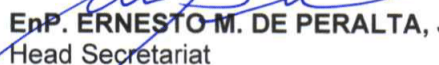
WHEREAS, CV-RSDP 2023-2029 was formulated in accordance with the guidelines provided by the PSA Central Office and underwent a series of reviews of the TWG and RSC2 members;

NOW THEREFORE, on motion duly seconded, **BE IT RESOLVED, AS IT IS HEREBY RESOLVED**, that the RSC2 approves the CV-RSDP 2023-2029 and endorse the same to the Regional Development Council (RDC2) for adoption and guide in the implementation of statistical programs and activities in the region;


RESOLVED FINALLY, that copies of this resolution be furnished to all concerned for their compliance and shall be forwarded to NEDA and PSA Central Office for consideration and approval.

APPROVED, this 24th day of June 2024 in Tuguegarao City, Cagayan.

Certified Correct:


EnP. ERNESTO M. DE PERALTA, JR.
Head Secretariat

Approved:


DIR. DIONISIO C. LEDRES, JR.
Chairperson



REPUBLIC OF THE PHILIPPINES
REGIONAL DEVELOPMENT COUNCIL
CAGAYAN VALLEY REGION

132nd RDC Full Council Meeting
September 25, 2024

Resolution No. 02-56
-Series of 2024-

**“ENDORISING THE CAGAYAN VALLEY REGIONAL STATISTICAL
DEVELOPMENT PROGRAM 2023-2029 FOR ADOPTION AND SUPPORT OF
ALL AGENCIES UNDER THE REGIONAL STATISTICAL SYSTEM AND OTHER
STATISTICAL DATA STAKEHOLDERS”**

WHEREAS, Section 6 of Republic Act No. 10625 or the Philippine Statistical Act of 2013 mandates the Philippine Statistics Authority (PSA) to prepare the Philippine Statistical Development Program (PSDP), in consultation with the PSA Board;

WHEREAS, the PSDP provides a mechanism for setting the direction, thrusts, and priorities of the Philippine Statistical System (PSS) for the generation and dissemination of statistical information in support of the priority executive programs set forth in the medium-term national development plan and for use in policy and decision-making in both public and private sectors;

WHEREAS, the Cagayan Valley Regional Statistical Development Program (CV RSDP) is the subnational counterpart of the PSDP;

WHEREAS, the CV RSDP 2023-2029 envisions a responsive, effective, and efficient Regional Statistical System (RSS) that provides timely and quality statistics for evidence-based decision-making to improve the quality of life of people in the region;

WHEREAS, the CV RSDP 2023-2029 was approved and endorsed by the Regional Statistics Committee 2 (RSC2) on 24 June 2024;

WHEREAS, the CV RSDP 2023-2029 was reviewed by the respective four sectoral committees of the Regional Development Council 2 (RDC2) during their third quarter meetings, and have endorsed the same to the RDC2 for consideration, adoption, and endorsement;

WHEREAS, the RSC2 seeks the support of the RDC2 by enjoining all agencies under the RSS to actively participate in the implementation, monitoring, and reporting of accomplishments and commitments in the CV RSDP 2023-2029;




NOW, THEREFORE, BE IT RESOLVED, AS IT IS HEREBY RESOLVED, to endorse the Cagayan Valley Regional Statistical Development Program 2023-2029 for adoption and support of all agencies under the Regional Statistical System (RSS) and other statistical data stakeholders;

RESOLVED FURTHER, that a copy of this Resolution be forwarded to the PSA Regional Statistical Services Office II, that serve as RSC2 Secretariat, for subsequent submission to the PSA Board and dissemination to all agencies involved in the RSS and other statistical data stakeholders for adoption and support.

APPROVED during the 132nd RDC Full Council Meeting, as reflected in the minutes of the meeting, this 25th day of September 2024 in Tuguegarao City, Cagayan.

Certified Correct:



ARD FERDINAND P. TUMALIUAN
Secretary

Attested:



RD DIONISIO C. LEDRES, JR.
Vice Chair

Approved:



PSR CHRISTIAN R. GUZMAN
Co-Chair and Presiding Officer



Foreword

As we embark on a new era of regional statistical development, we hereby present the Cagayan Valley Regional Statistical Development Program (CV-RSDP) 2023-2029. This program not only sets the direction of our statistical development but also aligns with our regional goals and strategies aimed at enhancing statistical data generation, management, and dissemination.

Key initiatives in the CV-RSDP 2023-2029 aim to strengthen the regional statistical system through improved coordination and capacity building through innovative methods. By addressing the statistical data needs of our stakeholders, we increase and boost data generation and production to respond to the statistical needs of all sectors through which we can achieve the desired regional development. Building upon the successes and lessons learned from the previous CV-RSDP, our focus remains steadfast on meeting the statistical data requirements outlined in the Cagayan Valley Regional Development Plan (RDP).



We extend our sincere gratitude to the Philippine Statistics Authority Regional Statistical Services Office II (PSA-RSSO II), the Regional Statistical Committee Region 2 (RSC2) Technical Working Group and all the individuals behind this project for their contributions that lead to the publication of this work. For their hard work and dedication poured to this document, we are truly grateful.

We call upon the support and cooperation of all our Stakeholders, the Local Government Units, Regional Line Agencies and the Private Sectors for the successful implementation of this program.

DIONISIO C. LEDRES, JR.
RSC2 Chairperson and
NEDA RO2 Regional Director

Acknowledgments

The development of the Cagayan Valley - Regional Statistical Development Program (CV-RSDP) 2023-2029 is a testament to a solid team effort, made possible by the dedication and collaboration of many individuals and organizations.

In accordance with Republic Act No. 10625, also known as the Philippine Statistical Act of 2013, the Philippine Statistics Authority (PSA) is mandated to develop the Philippine Statistical Development Program (PSDP). At the regional level, this mandate is fulfilled through the CV-RSDP.



For the following six years, the region's strategic orientations, top priorities, and important statistical initiatives are outlined in the CV-RSDP 2023–2029. It hopes to meet our stakeholders' changing needs while supporting the Cagayan Valley Regional Development Plan's (CV-RDP) statistical needs. This updated RSDP continues the mission of enhancing the Regional Statistical System (RSS), ensuring it can provide high-quality statistical services and data that are critical for informed decision-making and effective planning.

Our heartfelt praises go to the dedicated staff of the Philippine Statistics Authority – Regional Statistical Services Office II for their exemplary leadership in developing the 2023-2029 RSDP. Their diligent efforts, in collaboration with various inter-agency committees and through comprehensive consultations and data consolidation, have been invaluable. Additionally, we extend our deepest gratitude to the members of the Regional Statistics Committee - Cagayan Valley for their invaluable contributions in crafting this program. Special thanks are due to the technical working group, whose dedication and meticulous efforts have been instrumental in the development of this document.

Engr. GIRME M. BAYUCAN

RSC2 Vice-Chairperson and
Officer-in-Charge, PSA-RSSO II

About the Cagayan Valley RSDP

The Regional Statistical Development Program (RSDP) is a key tool for setting priorities, strategies, and directions for the Regional Statistical System (RSS). It identifies priority statistical activities, addresses local statistical issues, and generates local-level data to support evidence-based decision-making for improving citizens' lives.

The Cagayan Valley RSDP (CV-RSDP) 2023–2029 is driven by the Regional Development Plan (RDP) 2023–2028 of the Cagayan Valley Region and the needs of the RSS. Its goal is to improve the overall functionality of the RSS by providing critical information to stakeholders.

The CV-RSDP 2023–2029 is a collaborative effort involving regional stakeholders, including Regional Line Agencies (RLAs), Local Government Units (LGUs), academic institutions, and both public and private organizations. It aims to enhance the capacity of the RSS to deliver high-quality statistical services and data, meeting the needs of subnational planning, policy-making, and decision-making.

Executive Summary

The CV-RSDP 2023–2029 aims to develop a responsive, effective, and efficient Cagayan Valley Regional Statistical System (RSS), providing high-quality, evidence-based statistics to improve the lives of its citizens. With strong support and adequate funding, the program will drive the growth and enhancement of the RSS's operations, ensuring the production of reliable data that meets the needs of various stakeholders.

After consultations with Regional Line Agencies (RLAs), Local Government Units (LGUs), public and private institutions, and academic bodies, along with technical working group meetings and workshops, several priority statistical programs, activities, and projects were identified for the 2023–2029 period. These priorities have been incorporated into each chapter of the CV-RSDP 2023–2029.

By fostering stronger collaboration among agencies, securing commitments from LGUs and RLAs, enhancing partnerships for quality data generation, and improving competencies between data providers and users, the CV-RSDP 2023–2029 seeks to strengthen the Cagayan Valley RSS.

Chapter 1 – Management and Coordination of the RSS

Introduction

Management and coordination of the Regional Statistical System (RSS) involves the formulation of relevant statistical policies and resolutions and development/updating of statistical frameworks and indicator systems which are essential elements of an effective statistical system. These are mechanisms designed for the establishment and effective implementation of the RSS and are crucial in the overall facilitation of the country's statistical system.

This chapter discusses the aspects of management and coordination that provides the regional capacity from planning, program implementation, coordination, monitoring and evaluation that guarantees delivery of timely, accurate, reliable, relevant and adequate data needed by government agencies and other sectors at the regional and local levels.

Situational Analysis

❖ Key Developments in 2022

The following are key developments in terms of Management and Coordination of the RSS in 2022:

◆ Approval of various resolutions on the formulation of relevant statistical policies and development/updating of statistical frameworks and indicator systems

The Regional Statistics Committee Region II (RSC2), being the highest policy making body on statistical matters and as the venue for discussion and resolution of statistical issues at the local level, passed and adopted the following resolutions to resolve local statistical issues and recommend workable schemes towards the improvement of local level statistics:

- RSC2 Resolution No. 1, *"Enjoining Support to the Implementation of Volunteer Engagement in the Public Sector Portal"*
- RSC2 Resolution No. 2, *"Enjoining all provinces, cities, and municipalities of the Region to establish and convene their respective Provincial and City/Municipal CBMS Coordinating Boards"*
- RSC2 Resolution No. 3, *"Reconstituting the Technical Working Group for the Cagayan Valley Regional Statistical Development Program 2018-2023"*
- RSC2 Resolution No. 4, *"Approving the Establishment of the CBMS Technical Working Group (TWG) and its Terms of Reference"*
- RSC2 Resolution No. 5, *"Requesting Local Government Units, Regional Line Agencies, Academe, and Private Sector in Region II – Cagayan Valley to Adopt the 2019 Updates to the 2009 Philippine Standard Industrial Classification"*
- RSC2 Resolution No. 6, *"Enjoining All Local Government Units in Region II–Cagayan Valley to Join the Capacity Building on the 2019 Updates to the 2009 Philippine Standard Industrial Classification and Philippine Standard Geographic Code"*
- RSC2 Resolution No. 7, *"Approving the Cagayan Valley Regional Statistical Development Program (CV-RSDP) 2018-2023 Update"*
- RSC2 Resolution No. 8, *"Strengthening the Implementation of SSRCS in Region II – Cagayan Valley"*
- RSC2 Resolution No. 9, *"Strengthening Basic Statistics and Pool of Statistical Experts in Region II"*
- RSC2 Resolution No. 10, *"Enjoining Acceptance of the printed ePhilID as a Valid and Sufficient Proof of Identity"*
- RSC2 Resolution No. 11, *"Approving the CY 2023 Regional Statistics Committee Region II Priority Thrusts and Development Strategies"*

◆ **Updating of the Cagayan Valley Regional Statistical Development Program (CV-RSDP) 2018-2023**

The CV-RSDP 2018-2023 was updated to lay down the solid foundation for a more responsive, effective, and efficient regional and local statistical system. Its driving force is firmly rooted on the development vision of the region's Regional Development Plan (RDP) 2017-2022 Midterm Update and the RSS's development needs. The updated CV-RSDP 2018-2023 aims to contribute to the overall development and improvement in the operations of the RSS and address information needs of various stakeholders for use in planning, policy setting, and decision making at the subnational level.

◆ **Operationalization of the Provincial Statistics Committees (PSCs)**

The PSCs were established in the provinces of the region to further improve statistical planning, programming and coordination at the subnational level, ensure effective organization within the Provincial Statistical System (PrSS), and strengthen the local level data ecosystem. To ensure that the PSCs continually cater to the statistical requirements of the province, its composition may be modified to provide flexibility in its operations. Hence, the resolutions/orders were passed and adopted unanimously for the reconstitution of several PSCs.

- Executive Order (E.O.) No. 020, Series of 2022, *"Amendment to the Executive Order No. 07, Series of 2019, also known as Reconstituting the Cagayan Provincial Statistics Committee"*
- PSC Resolution No. 03, Series of 2022, *"Institutionalizing the Provincial Statistics Committee of the Province of Isabela (PSC-Isabela) Composition"*

◆ **Establishment and operationalization of various IAC/TC/TWG/TF**

The following IAC/TC/TWG/TF were established in the region to serve as the basic coordinating mechanism for various undertakings in the RSS:

- Provincial and City/Municipal Community-Based Monitoring System (CBMS) Coordinating Boards
- CBMS Technical Working Group
- Reconstituted TWG for the CV-RSDP 2018-2023

◆ **Active involvement of Private Sector Partners in the Regional Statistics Committee Region II (RSC2)**

The Philippine Statistics Association, Inc. (Cagayan Valley Chapter) and Philippine Chamber of Commerce and Industry (PCCI) were actively involved in crafting and deliberating the region's statistical programs and projects (PAPs). They contributed resources and shared their technical expertise to support the successful implementation of these statistical PAPs.

◆ **Collective Observance of the National Statistics Month (NSM)**

The region collectively celebrates the National Statistics Month (NSM) following the national theme. The monthlong NSM activity follows a unique weekly theme as follows: Academe's Week, RLA's Week and the LGU Week. This aims to address the diverse needs of data producers and users engaged in statistical activities.

◆ **Participation on Quiz Bee contests for Provincial and Regional Level**

The region conducts an annual Quiz Bee, open to all RSC2 member-agencies, aiming to promote awareness of the importance of statistics in national development.

❖ Issues and Concerns

- ◆ Need to address emerging information needs of the Sustainable Development Goals (SDGs), Cagayan Valley Regional Development Plan (CVRDP), Results Matrices (RMs) and other data frameworks such as data collection and analysis
- ◆ Need to strengthen coordination mechanisms at all levels to ensure more timely delivery of quality statistical information and services
- ◆ Need to strengthen local chief executives (LCEs) and policy makers' appreciation and utilization of statistics
- ◆ Need to capacitate agencies and LGUs on statistical competencies, statistical policies, and statistical frameworks
- ◆ Need to synchronize the schedule and frequency of data collection and data release of various data providers
- ◆ Need to assess the capacities of agencies and LGUs to generate timely and quality data including target setting and monitoring
- ◆ Need to capacitate data providers in how to properly respond to fake news, misinformation, and disinformation as well as users and the general public on detecting and reporting of these incidents
- ◆ Difficulty in collection of data due to lack of compliance among data providers
- ◆ Lack of statistical data at the provincial, city/municipal, and barangay levels
- ◆ Inadequate local level statistics for use in local development plans
- ◆ Need to upgrade business processes towards improving the timeliness and access to statistics
- ◆ Unharmonized establishment data among LGUs; Misclassification of industries in business registration; Inconsistent reporting system across reporting units
- ◆ Insufficient financial resources for RSS PAPs

Statistical PAPs for 2023 to 2029

◆ Strengthening the Provincial Statistics Committees (PSCs)

The Provincial Statistics Committees (PSCs) in each of the region's five provinces facilitate the development and strengthening of the Provincial Statistical System and efficiently and effectively address the statistical requirements of local governments in the performance of their mandates.

◆ Review of the composition of the Provincial Statistics Committees (PSCs)

The Provincial Statistics Committees (PSCs) are established to oversee and coordinate statistical activities at the provincial level. They include representatives from various sectors to ensure comprehensive data collection and analysis.

- ◆ Forge partnerships between and among stakeholders

Executive Order Establishing the Cagayan Provincial Statistics Center under the Provincial Planning and Development Office

- ◆ Forge commitment of LGUs, RLAs, the private sector, and other partners in the generation of statistics

Forging commitment of LGUs, RLAs, the private sector, and other partners in the generation of statistics is a multifaceted approach. The region benefits from strong collaboration among various stakeholders to ensure accurate and relevant data collection and usage.

- ◆ Streamlining the Terms of Reference (ToR) for the establishment of Statistical Information Centers in Region II-Cagayan Valley

The ToR serves as a foundational document that outlines the goals, scope, and operational framework for the Statistical Information Centers in Region II-Cagayan Valley. It provides clarity on the roles and responsibilities of all stakeholders and ensures compliance with legal and policy requirements.

- ◆ Creation of the Regional/Provincial/City/Municipal Census Coordinating Boards (R/PC/MCCB)

- ◆ Reconstitution of the Provincial CBMS Coordinating Board

- ◆ Creation of Subcommittee on Local Level Statistics

- ◆ Organization and establishment of city/municipal statistical committees

The city/municipal statistical committees shall be created by the region to coordinate and resolve city/municipal concerns on statistical matters.

- ◆ Conduct of Coordinative Meetings

Meetings of the Regional Population Executive Board (RPEB), Regional Population and Development Committee (RPDC), Region 2 Implementation Team of the RPRH, Regular Meetings with the Regional Line Agencies, and TWG Meetings on AHD, RPPF and POPDEV conducted by POPCOM RII

- ◆ RSC2 Secretariat to serve as reviewer during the RDC-Regional Budget and Review Committee (RBRC) to ensure implementation of statistical PAPs

- ◆ Strengthen partnership among RLAs and LGUs and forging collaboration with the media for wider dissemination of statistics

- ◆ Annual observance of the National Statistics Month every October of the year through conduct of various activities

- ◆ Directory of statistical experts and professionals in Region II-Cagayan Valley

- ◆ PSA-LGU Data Sharing Project

The PSA-LGU Data Sharing Project will establish a platform for sustainable data sharing, thus ensuring provision of data support for the generation of local level statistics.

- ◆ Strengthening provision of data among LGUs for the compilation of regional accounts, Provincial Product Accounts, and other related accounts.

Chapter 2 – Human Capital and Social Development Statistics

Introduction

Human capital and social development play a critical role in driving economic growth and development. Investing in people is vital, as they are a nation's most valuable asset. Statistics show that improvements in human capital, such as education and skills training, are linked to higher productivity and economic performance.

The availability of human resources equipped with competencies facilitates the generation and sharing of timely, reliable and accurate data to achieve statistical system goals, thus the need to invest in these efforts.

This section presents a general framework for statistical capacity development of the human resources in the RSS.

Situational Analysis

❖ **Key Developments in 2022**

The following are key developments in terms of Human Capital and Social Development Statistics for 2022:

◆ **Health Statistics**

Enhancement of Field Health Services Information System (FHSIS) Manual of Procedures version 2012 to version 2018 and its recording and reporting tools conducted by the DOH - Cagayan Valley Center for Health Development (CV-CHD)

◆ **Education and Cultural Statistics**

Orientation on Higher Education Data Collection and Rollout of Regional Higher Education Management Information System of CHED

◆ **Environmental and Natural Resources Statistics**

In line with the vision to be the country's "Prime Water Resource, Agro-Industrial Hub, and Emerging Tourism Destination" as outlined in the Cagayan Valley Regional Development Plan (CVRDP) 2017-2022, the Regional Statistics Committee Region II (RSC2) deemed it necessary to assess and account for the region's environment and natural resources. The Cagayan Valley Environment and Natural Resources Accounting Steering Committee (CV-ENRASC) was established through RSC2 Resolution No. 03, series of 2020. Under the leadership of PSA RSSO II, the CV-ENRASC is responsible for compiling and estimating the region's environmental and natural resource accounts.

◆ **Population and Housing Statistics**

❖ **Issues and Concerns**

◆ **Lack of integrated and comprehensive human resource development program**

◆ **No academic institution in the region offering Statistics degree programs, only a limited number of Statistics graduates is being utilized in the RSS**

- ◆ Inadequate human resources in the RSS to handle the growing needs of users
- ◆ Lack of skills and knowledge, and training/capacity building on data management and application
- ◆ Poor coordination in the planning and execution of statistical PAPs
- ◆ Some RSS units are not equipped and/or with limited access to technology
- ◆ Need of a point person to take charge of statistical PAPs
- ◆ Need to provide statistical capacity building for data providers and users

Statistical PAPs for 2023 to 2029

◆ Health Statistics

Enhancement of Field Health Service Information System (FHSIS) Manual of Procedures version 2018 and its recording and reporting tools by the DOH – CV-CHD

◆ Education and Cultural Statistics

- Formulation of the Regional Population and Development-Plan of Action (RPD-PoA) 2023-2028 of POPCOM RII
- Annual Higher Education Data Collection and Institutional Data Quality Assurance by CHED Region 2
- Compilation of TVET Certification Rate, Number of TVET Trainers trained, and Youth Placed in Training by TESDA
- Offering of Bachelor of Science in Statistics and/or Bachelor of Science in Data Science (BSDS) at Saint Mary's University
- Scholarships for BS Statistics and/or BSDS Students offered in Saint Mary's University
- Offering of BS in Data Science Analytics and Diploma in Data Science Analytics courses at the Isabela State University

Isabela State University is leading the way in Education and Cultural Statistics with the introduction of the Bachelor of Science in Data Science and Analytics (BS DSA) and the Diploma in Data Science and Analytics. These programs are set to kick off in the Academic year 2023-2024. This reflects the university's commitment to advancing education and cultural statistics through innovative academic offerings.

◆ 2.3a Environmental and Natural Resources Statistics

- Offering of BS in Data Science Analytics and Diploma in Data Science Analytics courses at the Isabela State University
 - This progressive initiative underscores the university's dedication to advancing the field of environmental and natural resources statistics through cutting-edge academic programs.
- Compilation of Cagayan Valley Water Flow Accounts, Land Asset Accounts, Mineral Accounts, Tourism Satellite Accounts and Subnational Tourism Satellite Accounts by PSA RSSO II

◆ 2.3b Population and Housing Statistics

- Offering of BS in Data Science Analytics and Diploma in Data Science Analytics courses at the Isabela State University

These programs are designed to provide a unique mix of data science skills, specifically focused on improving the understanding and analysis of population and housing trends.

This approach highlights the university's dedication to contributing significantly to the advancement of Population and Housing Statistics. By integrating modern data science techniques into these programs, Isabela State University is leading the way in shaping a new era in the field, preparing professionals to address the evolving challenges in population and housing analysis.

- Annual updating of the Socio-Economic and Demographic Profile of all cities/municipalities in the Province of Isabela every year by PPDO Isabela
- Regular provision of data on number of births born to mothers aged 10-19 years old by POPCOM RII
- Establishment of the Registry of Barangay Inhabitants and Migrants (RBIM) for the LGUs, Generation of RBIM Reports (Data Cleansing, Pivoting, Data Presentation and Analysis), Utilization of the eRBIM (Digitalized RBIM), Development and Operationalization of the Local Population and Development (POPDEV) Program for LGUs, and Planning Workshop on POPDEV Localization and Program Coordination for LGUs to be conducted by POPCOM RII

Chapter 3 – Social Protection and Food Security Statistics

Introduction

In Region 2, social protection and food security are integral to the region's socio-economic fabric, influencing the quality of life and stability of its communities. As the region navigates diverse economic and environmental challenges, the relationship between these two critical areas becomes increasingly important. Social protection systems, such as safety nets and social assistance programs, play a crucial role in shielding individuals and families from the impacts of economic downturns, natural disasters, and other adversities. Simultaneously, ensuring food security is vital for maintaining health and productivity across the region.

This chapter provides a detailed examination of social protection and food security in Region 2, assessing the current state of relevant policies and initiatives. It explores how social protection mechanisms are designed to support the most vulnerable populations and how these systems interact with efforts to achieve food security. By analyzing statistical data, policy frameworks, and regional case studies, this chapter aims to offer a thorough understanding of the successes, challenges, and future directions in enhancing both social protection and food security in Region 2.

Situational Analysis

❖ **Key Developments in 2022**

The following are key developments in terms of Social Protection and Food Security Statistics for 2022:

◆ **3.1 Nutrition Statistics**

The government, in collaboration with various NGOs, has implemented several programs to combat undernutrition in Region 2, with feeding initiatives led by the Department of Social Welfare and Development (DSWD) and local government units targeting children in schools and communities. Additionally, ongoing nutrition education campaigns focus on areas where diets are heavily reliant on staple crops like rice, which can lead to nutrient deficiencies. Supplementation programs are also in place, providing essential vitamins and minerals, particularly to pregnant women and young children. Agricultural development is another priority, with efforts to diversify crops beyond traditional staples like rice and corn to improve food security and nutritional outcomes. Sustainable farming practices, including organic farming and the use of biofortified crops, are being promoted to enhance the nutritional value of food produced in the region.

◆ **3.2 Income, Poverty and Hunger Statistics**

The government and various NGOs have implemented livelihood programs aimed at diversifying income sources and reducing poverty, as well as feeding programs and nutrition education campaigns to address hunger.

◆ **3.3 Price Statistics**

◆ **3.4 Social Protection Statistics**

- DSWD FO 2 conducted orientation in the preparation of Social Protection and Development Report (SPDR) in the province of Quirino, Nueva Vizcaya, Isabela, and Cagayan on April 8, 26 and 27, 2022.

- ◆ 3.5 Community-Based Monitoring System
 - 12 PSA-funded; 31 LGU-funded CBMS in Region II

❖ **Issues and Concerns**

- ◆ Lack of local-level data disaggregation
- ◆ Poor coordination in the planning and execution of statistical PAPs

Statistical PAPs for 2023 to 2029

- ◆ National Demographic and Health Survey (NDHS), Family Income and Expenditure Survey (FIES), and Poverty Statistics
- ◆ Wholesale and Retail Price Survey
- ◆ Price Trending of Basic Needs and Prime Commodities by DTI
- ◆ Monitor the submission of Social Protection and Development Report (SPDR) from the five provinces, four cities, and 89 municipalities
- ◆ Conduct of the 2024 Census of Population (POPCEN) and Community-Based Monitoring System (CBMS)

Chapter 4 – Labor and Employment Statistics

Introduction

Labor and employment statistics for Region 2 provide valuable insights into the area's economic health and workforce dynamics. This region, known for its diverse industries and vibrant job market, showcases trends in employment rates, wage levels, workforce demographics, and sectoral employment patterns. Analyzing these statistics helps stakeholders understand the economic landscape, identify growth opportunities, and address challenges in the labor market. As such, the data serves as a critical tool for policymakers, businesses, and job seekers aiming to make informed decisions and strategies.

By analyzing data and case studies, we aim to highlight the successes and challenges facing Region 2 and provide insights into enhancing job opportunities and economic resilience.

Situational Analysis

❖ Key Developments in 2022

The following are key developments in terms of Labor and Employment Statistics for 2022:

◆ Reached 255,860 individuals through the Labor Market Information (LMI) program of the DOLE

LMI provides information for employers and potential employees regarding future labor market conditions by occupation, in-demand jobs and skills shortages through client-specific information, education, and communication materials.

DOLE's labor market information (LMI) program provides jobseekers with access to a national database on job vacancies known as PhilJobsNet.

◆ Referred 67,251 job applicants for placement and placed 64,046 job applicants through the Public Employment Services program of the DOLE

❖ Issues and Concerns

◆ Some businesses/establishments do not submit and post job openings to the PESOs which results in inaccuracy of data, thus, affecting the Labor Market Information

◆ Not all PESOs are able to submit monthly reports on the referral and placement of jobseekers

◆ The PESO Employment Information System (PEIS) was not being utilized by all PESOs, thus, the Labor Market Information data culled on the system cannot be used for sound decisions and cannot depict the full picture of LMI in the region

Statistical PAPs for 2023 to 2029

◆ Conduct of Monthly Labor Force Survey (LFS)

- ◆ Labor Market Information (LMI) program of the DOLE

Reached 175,422 individuals through the Labor Market Information (LMI) program of the DOLE.

- ◆ Public Employment Service

The employment facilitation services of DOLE assisted more job seekers than expected. A total of 52,484 job seekers referred for work through the Public Employment Service Office (PESO) of LGUs.

Chapter 5 – Agriculture, Fishery and Forestry Statistics

Introduction

Agriculture, fishery, and forest resources are vital to the region's economy and ecological health. This chapter provides an overview of these key sectors, highlighting their contributions to regional development and sustainability.

By analyzing data on agricultural yields, fishery sustainability, and forest management, the chapter aims to shed light on the state of these crucial resources and their role in supporting the local economy and environment. Understanding these dynamics is essential for developing strategies that promote sustainable use and conservation of Region 2's natural resources.

Situational Analysis

❖ Key Developments in 2022

The following are key developments in terms of Agriculture, Fishery and Forestry for 2022:

- ◆ [Development of Regional/Provincial/Municipal/Barangay Agricultural and Fisheries Profile by DA RFO 02](#)

❖ Issues and Concerns

- ◆ [Discrepancies in the data provided by DA RFO 02 and data from PSA](#)
- ◆ [Limited data on sustainable practices, biodiversity, and ecological impacts reduce the ability to measure and address long-term Agriculture, Fishery, and Forestry Statistics issues](#)
- ◆ [Insufficient integration of climate change impacts in agricultural and fishery data, limiting adaptive planning for future risks](#)

Statistical PAPs for 2023 to 2029

- ◆ [Review Harmonization of data \(PSA & LGU\) by DA RFO 02](#)

Conduct of coordination activity with DTI and PSA, pre-implementation meeting with Municipal Agricultural Offices, piloting of survey questionnaire, profiling trainings and deployment, data gathering, and data validation

- ◆ [Conduct of Quarterly and Monthly Agricultural Statistics Surveys](#)

- Farm Prices Survey (FPS)
- Crops Production Survey (CrPs)
- Quarterly Municipal Fisheries Survey (QMFS)
- Quarterly Aquaculture Survey (QAqS)
- Commercial Livestock and Poultry Survey (CLPS)
- Palay and Corn Stocks Survey (PCSS)
- Palay and Corn Production Survey (PCPS)
- Backyard Livestock and Poultry (BLPS)
- Monthly Palay & Corn Situation Report (MPCSR)
- Producer Price Survey (PPS) for Agriculture

- Wholesale Price Survey
- ◆ Assistance in the conduct of Agricultural Periodic Surveys and Census by DA RFO 02
- ◆ Institutionalization of determination/derivation of Regional System for Agricultural Economic Indices by DA RFO 02
- ◆ Release of Provincial Value of Production in Agriculture and Fisheries

Chapter 6 – Industry Statistics

Introduction

Industry statistics is one of the main sources of information on the economic activity of industries in the region, particularly on mining and quarrying, manufacturing, electricity, steam, water and waste management, and construction. This chapter provides information on the statistical programs, activities, and projects that generate industry-related data and statistics that will guide policy and decision-makers in the formulation of appropriate policies to boost the economy of the region.

Situational Analysis

❖ **Key Developments in 2022**

The following are key developments in terms of Industry Statistics for 2022:

◆ **2020 Annual Survey of Philippine Business and Industry (ASPBI)**

The PSA-RSSO II officially released the results of the 2020 ASPBI in Cagayan Valley during the conduct of the 2020 ASPBI Regional Data Dissemination Forum on 11 November 2022.

◆ **Annual Updating of the Regional Social and Economic Trends (RSET) Publication**

RSET is a compendium of local-level statistics that presents annual time series data on various sectors of the region and its component provinces, cities, and municipalities. Chapter 6 of this publication provides information on the industry activities in the region, particularly on private construction.

◆ **Implementation and adoption of Electronic Business Permits and Licensing System (e-BPLS) with updated PSIC to the LGUs**

The e-BPLS is a software that electronically processes applications and renewals of business permits in Local Government Units (LGUs). This electronic transaction was established to standardize the financial systems and data processing related to local finance transactions. The e-BPLS uses the internationally accepted standards of business classifications enclosed in the Philippine Standard Industrial Classification (PSIC).

◆ **Development of Regional Investment Website**

The development of the Regional Investment Website is an initiative of the Regional Development Council (RDC) 02 to provide timely, comprehensive, and accurate investment information for investors. The website was designed to aggregate available and reliable basic data required for investments, promoting continuous economic development in Region 02.

◆ **Implementation of the Philippine Business Hub and launching of the e-BPLS**

The Philippine Business Hub and launching of the e-BPLS is a platform that contains business-related information, which promotes effective service delivery and transparency in all business-related transactions in the government.

- ◆ **Implementation of the Integrated Business Permits and Licensing System (IBPLS)**

The integration of the IBPLS implements a standard business process flow for processing of business permits, including barangay clearances, building permits, sanitary permits, and other business permitting processes of the LGUs.

- ◆ **2022 Annual and Quarterly Regional Economic Situationer (ARES/QRES)**

These reports present the annual and quarterly economic standing of the region through a comprehensive assessment of key economic indicators.

- ❖ **Issues and Concerns**

- ◆ Establishments by industrial sector at the LGU level not properly coded
- ◆ Need for timely and complete data on building permits
- ◆ Increase or decrease in the number of Business Name registrants
- ◆ Micro, Small and Medium Enterprises' level in the value chain
- ◆ Lacking data on Energy, Gas, and Water
- ◆ Some data are generated/estimated at the Head/Central Offices, hence, most of the data produced are at the national level

Statistical PAPs for 2023 to 2029

- ◆ Conduct of Cities and Municipalities Competitiveness Index (CMCI)
- ◆ Conduct of Training-Workshop on the Adoption of Updated Philippine Standard Industrial Classification (PSIC)
- ◆ Business Name Registration
- ◆ Micro, Small and Medium Enterprise (MSME) Development
- ◆ Enhancement of data collection of building permits thru migration to iBPLS of LGUs
- ◆ Conduct of Quarterly Survey of Philippine Business and Industry (QSPBI)
- ◆ Conduct of Annual Survey of Philippine Business and Industry (ASPBI)

Chapter 7 – Services and Tourism Statistics

Introduction

Tourism is one of the key drivers of the services industry. Most of the tourism characteristic products and services were covered by the services sectors, such as accommodation, food and beverage, transport, and entertainment services, among others.

This chapter presents how the tourism sector plays a pivotal role in providing opportunities in terms of employment, business, and investment.

Situational Analysis

❖ Key Developments in 2022

The following are key developments in terms of Services and Tourism Statistics for the period of 2022:

◆ Tourism Satellite Accounts and Measuring Sustainable Tourism

The Orientation on Tourism Satellite Accounts for Local Tourism Officers in Region II was conducted to highlight the importance of data and information on the tourism industry, and how data and information will be used to bounce back from the effects of the pandemic in the tourism industry.

◆ Improved information dissemination of tourism data on DOT website

The 2022 Philippine Tourism Satellite Accounts (PTSA) and Tourism Statistics Dissemination Forum has prompted the Department of Tourism (DOT) to improve the information dissemination of tourism data using its official website, to ensure accurate and reliable tourism statistics available to the public.

◆ Presence of tourism kiosks and personnel in airports and tourism-related establishments

The establishment of kiosks and presence of personnel in tourism areas will help in the promotion of tourist attractions and can further attract investors to invest in the development and implementation of tourism plans and programs.

◆ Generation and Reporting of Tourism Visitor Arrivals by Region, Province and City

◆ Conduct of Tourism Enterprise Forum

The forum's goal was to get useful input and suggestions from the industry's key players so that the DOT Region 02 could compile baseline data before developing new tourism initiatives.

◆ Tourism Month Celebration

Various activities were conducted in celebration of Tourism Month in 2022, which highlighted the vital role of the tourism industry in the overall economy of the region.

- ◆ Basic Tourism Statistics Training for the province of Cagayan

- ◆ Implementation of visitor's arrival logbook at all tourist sites in the region

This activity provides information on the number of visitors' arrival, both domestic and foreign, in the region.

- ◆ 2022 Annual and Quarterly Regional Economic Situationer (ARES/QRES)

These reports present the annual and quarterly economic standing of the region through a comprehensive assessment of key economic indicators.

❖ **Issues and Concerns**

- ◆ Impact of tourism activities in the environment
- ◆ Availability of disaggregated data on tourism establishments
- ◆ Non-adoption of the 2016 Philippine Tourism Statistical Classification System (PTSCS) among data source agencies
- ◆ Some data are generated/estimated at the Head/Central Offices, hence, most of the data produced are at the national level

Statistical PAPs for 2023 to 2029

- ◆ Conduct of Accommodation Capacity Survey
- ◆ Compilation of Cagayan Valley Tourism Satellite Accounts
- ◆ Operationalization of the Technical Working Group on Tourism Statistics of Region II – Cagayan Valley
- ◆ Adoption of the 2016 Philippine Tourism Statistical Classification System (PTSCS)
- ◆ Measuring Sustainable Tourism of Cagayan Valley
- ◆ Annual celebration of the World Tourism Month
- ◆ Continuous implementation of visitor's arrival logbook at all tourist sites in the region
- ◆ Implementation of the e/iBPLS System
- ◆ Development of Regional Investment Website
- ◆ MSME Development

Chapter 8 – Science, Technology and Innovation, and Information Society Statistics

Introduction

This chapter discusses various initiatives of both the public and private sectors in terms of science, technology, and innovation (STI) for sustainable and inclusive development.

Situational Analysis

❖ Key Developments in 2022

The following are key developments in terms of Science, Technology and Innovation, and Information Society Statistics for the period of 2022:

◆ 8.1 Science, Technology and Innovation Statistics

◆ Conducted Research and Development Survey on Expenditures

This survey was conducted in 2021 and 2022 to gather information/statistical data on research and development (R&D) activities being conducted by higher education institutions.

◆ Developed/funded knowledge transfer and technologies transferred, and R&D proposals evaluated and endorsed by the R&D consortia/regional office

◆ Directory of pool of statistical experts and professionals in Region II-Cagayan Valley through OneExpert website

OneExpert website is a web-based repository of experts in the field of Science and Technology.

◆ Utilization and application of statistics in the field of research particularly in the areas of health, agriculture, environment, industry, and energy, among others

◆ Advancement in data collection methods

◆ Integration of big data and machine learning techniques into statistical analysis

◆ Increased focus on measuring innovation and its impact on the economy

◆ 8.2 Information Society Statistics

◆ Conducted promotion services and advocacy activities at the regional and provincial levels to strengthen the Science and Technology Innovation (STI) culture in all sectors

◆ Funded Micro, Small and Medium Enterprises (MSMEs) through Science and Technology's Small Enterprise Technology Upgrading Program (SETUP)

◆ Provided interventions to communities and the production sector, particularly MSMEs

◆ Capability and institutional building among ICT practitioners in the region

- ◆ Integration, utilization, and application of statistics in various fields of Information Society such as e-commerce, digital media, e-learning health informatics, internet of things and the likes
- ◆ 8.3 Data Science
 - ◆ Growing importance and IEC on data privacy and security
 - ◆ Application to various industries such as health, finance, agriculture and others
 - ◆ Support to robotics laboratory in the region
- ❖ **Issues and Concerns**
 - ◆ Buyer-Supplier Matching
 - ◆ Incomplete Bamboo Data
 - ◆ Validation of Existing Data
 - ◆ Fund allocation
 - ◆ CHED Memorandum Order (CMO) on the Policies, Standards and Guidelines (PSG) for BSDS unnumbered/unsigned
 - ◆ No academic institution in the region offering Data Science Analytics degree programs

Only a limited number of Statistics graduates are being utilized in the RSS.

 - ◆ Data privacy and security
 - ◆ Ethical considerations in the use of AI
 - ◆ Internet Connectivity in rural areas
 - ◆ Access to Statistical software
 - ◆ Digital Literacy
 - ◆ Lack of IT infrastructure (i.e., connectivity, equipment)
 - ◆ High cost of licensed software
 - ◆ Survey of ICT conducted by PSA cannot address other data needs of the sector

Statistical PAPs for 2023 to 2029

- ◆ Mobile App and Dashboard (Database System) Development and Piloting of Bamboo Resources Inventory and Technology-Enabled Mapping in Selected Regions in the Philippines (BRITEMAP)
- ◆ Expand STI assistance to communities and the production sector, particularly MSMEs
- ◆ Conduct of Survey on R&D Expenditures and Human Resources

- ◆ Statistical Reporting System
- ◆ Seminar-Workshop on Statistics, Research and Database Management
- ◆ Development of the GIS-Based Environment and Natural Resource (ENR) Statistics in Region 2 to improve statistical reporting system
- ◆ Application of Arc-GIS, remote sensing, and other appropriate ICT tools in statistical activities
- ◆ Promote adoption/utilization of technologies from publicly-funded R&D
- ◆ Compendium for access to all R&D Institutes
- ◆ Increase awareness, understanding and appreciation of STI to strengthen STI culture in all sectors
- ◆ Enhance operational efficiency through harmonized information system
- ◆ Intensify provisions of information, products and services for disaster risk reduction and climate change adaption and mitigation
- ◆ Capability and institutional building among ICT practitioners in the region
- ◆ Integration, utilization, and application of statistics in various fields of Information Society such as e-commerce, digital media, e-learning health informatics, Internet of things and the likes
- ◆ Increased availability of open data
- ◆ Improved measurement of digital skills and literacy in Information society
- ◆ Offering of Bachelor of Science in Statistics (BS Stat), Bachelor of Science in Data Science (BSDS), BS in Data Science Analytics, and Diploma in Data Science Analytics
- ◆ Integration of statistics in Basic Research Methods (BRM)
- ◆ Data analytics of Science, Technology (STI) and Innovation accomplishments
- ◆ Procurement, training, and utilization of statistical software (i.e. SPSS)
- ◆ Orientation and training of Science High School students in Statistics
- ◆ Conduct of STI Statistics Contests
- ◆ National Information and Communications Technology Household Survey (NICTHS)
- ◆ STI assistance to communities and the production sector, particularly MSMEs

Chapter 9 – Trade and Investment Statistics

Introduction

This chapter provides information on the availability of investment hubs in the region, especially the presence of the Cagayan Special Economic Zone and Freeports (CSEZFP) that offers variety of investment opportunities for both domestic and foreign investors.

Situational Analysis

❖ Key Developments in 2022

The following are key developments in terms of Trade and Investment Statistics for the period of 2022:

◆ Annual Updating of the Regional Social and Economic Trends (RSET) Publication

RSET is a compendium of local-level statistics that presents annual time series data on various sectors of the region and its component provinces, cities, and municipalities. Chapter 7 of this publication provides information on the regional commodity flow, value of foreign trade and number of trade fairs conducted in the region.

◆ Implementation of the Philippine Business Hub and eBPLS

◆ Implementation of the iBPLS

The program is continuing until 2023, including the monitoring of LGUs that adopted the system.

◆ Provincial Investment Website

Provincial Investment Websites were developed instead of one regional website as these are more focused and localized; hence easier for the investors to determine the investment priorities of the provinces.

◆ Continuous operation of the Cagayan Special Economic Zone and Freeports (CSEZFP)

CSEZFP is being managed by the Cagayan Economic Zone Authority (CEZA), which is a government owned and controlled corporation that was created by virtue of Republic Act 7922, otherwise known as "Cagayan Special Economic Zone Act of 1995. CEZA is one of the sources on the value of approved investment in the region.

❖ Issues and Concerns

◆ Establishments by industrial sector at the LGU level not properly coded

◆ Insufficient data on investments because only those in the BNR are reflected in the available reports

◆ Some data are generated/estimated at the Head/Central Offices, hence, most of the data produced are at the national level

Statistical PAPs for 2023 to 2029

- ◆ Cities and Municipalities Competitiveness Index (CMCI)
- ◆ MSME Impact Assessment Survey
- ◆ MSME Development
- ◆ Development of Regional Investment Website
- ◆ Implementation of the e/iBPLS

Chapter 10 – Macroeconomic, Monetary, and Financial Statistics

Introduction

This chapter discusses the important role of macroeconomic, monetary, and financial statistics in measuring the progress of an economy towards a financially inclusive society. It presents the key developments in 2022, the issues and concerns, as well as the statistical programs, activities, and projects in line for the period 2023-2029.

Situational Analysis

❖ Key Developments in 2022

The following are key developments in terms of Macroeconomic, Monetary, and Financial Statistics for the period of 2022:

- ◆ [Compilation of 2021 Regional Accounts of the Philippines \(GRDP and GRDE\)](#)
- ◆ [Annual updating of the Regional Social and Economic Trends \(RSET\)](#)
- ◆ [Compilation of Cagayan Valley Water Flow Accounts](#)

- [e-Learning course on System of Environmental-Economic Accounting-Ecosystem Accounting \(SEEA-EA\)](#)

PSA employees involved in the compilation of various environmental accounts enrolled in an e-learning course on SEEA-EA, which ran from 11 April to 10 June 2022. The e-learning course aimed to explain the scope and principles of ecosystem accounting.

- [Technical Session on the Compilation of Cagayan Valley Water Flow Account \(CV-WFA\)](#)

This activity was conducted to serve as an avenue to equip the members of the Cagayan Valley Environment and Natural Resource Accounting Steering Committee (CV-ENRASC) with the technical knowledge and understanding to complete the compilation of CV-WFA. It was conducted on 07-08 June 2022.

- [Field Visit for the Compilation of CV-WFA](#)

A site visit to selected companies/ infrastructures in the region with cohesive water resource management systems to better understand the agency's background, operations (particularly how water is utilized in the process), historical data, and corporate social responsibility approach was conducted on 08-09 June 2022.

- [Organizational Meeting of the CV-ENRASC](#)

The CV-ENRASC convened for its 1st Regular Business Meeting on 20 June 2022 via Zoom video conferencing with the following agenda: (1) the reconstitution of the composition of the committee with regular and on-call members in consideration of the complexity of its work, and to ensure proper composition and expertise of the Steering Committee; and (2) the Data Assessment Matrix which was initially filled-up/assessed during the Technical Session on the Compilation of Cagayan Valley Water Flow Account.

- e-Learning Course on Introduction to the SEEA-Central Framework

The e-Learning course on Introduction to the SEEA-Central Framework which aimed to discuss issues around environmental economic accounts was attended by the PSA technical staff from 1 August to 9 September 2022. This course introduces the SEEA Central Framework, the international statistical standard for measuring the interactions between the environment and the economy.

- ◆ Availability of regional report on the Business Expectations Survey (BES)
- ◆ Banking statistics, disaggregated down to the municipal/city level, are accessible through the BSP website. Reports are compiled and published by the Head Office and are available to the public through the BSP website.
- ◆ 2022 Annual and Quarterly Regional Economic Situationer (ARES/QRES)

These reports present the annual and quarterly economic standing of the region through a comprehensive assessment of key economic indicators.

❖ **Issues and Concerns**

- ◆ No lower disaggregation of economic statistics
- ◆ Lacking data on Energy, Gas, and Water
- ◆ No lower disaggregation of economic statistics
- ◆ Increasing Demand for granular data (e.g. PPA)
- ◆ Weak linkage of local to regional statistics and vice versa
- ◆ Contribution of tourism to the local economy
- ◆ Impact of tourism activities on the environment
- ◆ Enhancement of qualitative data gathering skills of Regional Office personnel to support statistics generated by the Head Office
- ◆ Untimely release of disaggregated data on several indicators, such as labor statistics; and no disaggregation by industry and province for data on approved investments affecting the release of ARES and QRES

Statistical PAPs for 2023 to 2029

- ◆ Compilation of Regional Accounts (GRDP and GRDE)
- ◆ Compilation of Provincial Product Accounts
- ◆ Compilation of Cagayan Valley Environmental and Natural Resources Accounts
 - Compilation of Cagayan Valley Water Flow Accounts
 - Compilation of Cagayan Valley Land Asset Accounts
 - Compilation of Cagayan Valley Mineral Accounts

- ◆ Compilation of Cagayan Valley Tourism Satellite Accounts
- ◆ Regional and Provincial Value of Production in Agriculture and Fisheries in Region II-Cagayan Valley
- ◆ Report on Regional Economic Developments by Bangko Sentral ng Pilipinas
- ◆ Report on the Number of Paleng-QR Launches in the region by Bangko Sentral ng Pilipinas

Chapter 11 – Energy, Transportation, and Infrastructure Statistics

Introduction

This chapter covers the key developments in energy, transportation, and infrastructure statistics for the year 2022 and statistical programs that are essential for development plans and project implementations for 2023-2029, as well as the issues and concerns.

Situational Analysis

❖ Key Developments in 2022

The following are key developments in terms of Energy, Transportation, and Infrastructure Statistics for 2022:

◆ 11.1 Energy Statistics

- Estimation of Gross Regional Domestic Product (GRDP) and Gross Regional Domestic Expenditure (GRDP)

Annual collection/provision of data on electric cooperatives and the National Electrification Administration which can serve as a basis for the estimation of energy statistics.

Annual press conference and estimation of GRDP and GRDE that includes statistical data on industries such as Electricity, steam water, and waste management.

- Crafting of the Regional Social and Economic Trends (RSET)

Annual publication that includes statistical data on Energy and water resources (Chapter 14).

◆ 11.2 Transportation and Infrastructure Statistics

- Formulation of Local Public Transport Route Plan in the region
- Development of database navigation information with corresponding fare matrix and other travel information as well as travel routes from barangay to PSA CRS outlets in the region through the Augmented System for Travel Information using GIS Technology (ASTIG Tech) by PSA
- Enhancement of data collection of building permits through migration to Integrated Business Permits and Licensing System (iBPLS) of Local Government Units (LGUs)

❖ Issues and Concerns

- ◆ Lack of disaggregated data in energy statistics
- ◆ Need for timely and complete data on building permits

Statistical PAPs for 2023 to 2029

◆ 11.1 Energy Statistics

- **Compilation of Provincial Product Accounts (PPA)**

Collection/provision of data on electric cooperatives and the National Electrification Administration which can serve as a basis in the estimation of provincial-level energy statistics.

◆ 11.2 Transportation and Infrastructure Statistics

- **Strengthening of the Geographic Information System (GIS) Center**

Updating of road maps, shapefile, and geographic development of all provinces in the region

- **Enhancement of the Local Public Transport Route Plan**

Provides measures for traffic management and the most accessible route to transport groups and commuters

- **Updating of Local Road Network Development Plan**

Consolidation of road inventories for strategic development of local road networks based on sound, technical, social, economic, and environmental criteria.

Chapter 12 – Security, Justice, and Peace Statistics

Introduction

Security, justice, and peace are essential components of a well-functioning society. These pillars provide the foundation for a harmonious coexistence and ensure the protection of individuals and their rights. Security ensures the safety of citizens from external threats, while justice guarantees fairness and equality in the legal system. Peace, on the other hand, fosters stability and allows for social progress and development.

This chapter focuses on the security, justice, and peace statistics that provide insights into the effectiveness of policies and measures implemented, as well as the succeeding PAPs for 2023 to 2029 to maintain societal well-being.

Situational Analysis

❖ Key Developments in 2022

The following are key developments in terms of Security, Justice, and Peace Statistics for 2022:

- ◆ Enhancement and full implementation of PNP E-Crime Incident Recording System (e-CIRS)
- ◆ Enhanced Community Information Advocacy Program by PNP 02

This initiative aims to depict the end-result of the Enhanced Community Information Advocacy through Communication Plans (COMPLAN) and active collaboration efforts of PRO2 and all its stakeholders in the community towards the attainment of a safe Cagayan Valley to live, to work and do business.

- ◆ Implementation of crime victimization surveys by PNP 02
- ◆ Inclusive and extensive implementation of National Task Force to End Local Communist Armed Conflict (NTF-ELCAC)

The implementation of NTF-ELCAC since 2019 had a distinguished and quantifiable impact on the lives of the people in Region II particularly in insurgency-free declared areas through Support to the Barangay Development Program (SBDP).

- ◆ Intensive implementation of Enhanced Comprehensive Local Integration Program (E-CLIP)

❖ Issues and Concerns

- ◆ Cooperation of stakeholders/community during surveys and implementation of PA and PNP

Statistical PAPs for 2023 to 2029

- ◆ 12.1 Security, justice, and peace statistics
 - Enhancing the information, education, and communication (IEC) campaign on the benefits and the impact of the Enhanced Comprehensive Local Integration Program (E-CLIP) on the renewed living conditions of Former Rebels (FRs) and former violent extremists (FVEs)

- Conduct of national inspection and validation of Local Government Support Fund (LGSF) - Support to Barangay Development Program (SBDP) projects

The LGSF-SBDP aims to develop remote and poverty-stricken barangays. With the national inspection and validation, accomplishments of the projects are monitored and validated including the challenges and issues affecting the implementation of these projects.

- ◆ Increase the number of Former Rebels (FRs) who received their E-CLIP benefits and its impact on their renewed living condition
- ◆ Increase the number of Communist Terrorist Group (CTG) affected areas declared as insurgency-free areas that benefited from the SBDP that resulted to socio-economic growth and improved delivery of basic services

Chapter 13 – Governance Statistics

Introduction

Governance statistics are crucial in assessing the effectiveness of government policies and programs. They provide insights into the performance of public institutions, such as transparency, accountability, and efficiency. These statistics enable policymakers to identify areas where governance can be strengthened and ensure that resources are allocated effectively to meet the needs of the population. Furthermore, monitoring governance statistics over time allows for tracking progress and identifying trends, ultimately leading to evidence-based decision making for a more stable society.

Situational Analysis

❖ **Key Developments in 2022**

The following are key developments in terms of Governance Statistics for 2022:

- ◆ **Government Efficiency Index Improved**
 - Cities and Municipalities Competitive Index (CMCI)
 - Number of P/C/M LGUs conferred with the Seal of Good Local Governance (SGLG) increased (cumulative)
 - Number of LGUs that passed SGLG essential area on Business-friendly and competitiveness increased (cumulative)
 - Number of Cities and Municipalities with streamlined Business Permit and Licensing System (BPLS) increased (cumulative)
- ◆ **Increased number of Local Government Units (LGUs), Local Water Districts (LWDs), and State Universities and Colleges (SUCs) to have registered and accredited Public Sector Employees' Organization (PSEO)**
 - Certificate of Registration as Employees' Organization
 - Certificate of Accreditation as the Sole and Exclusive Negotiating Body
 - Certificate of CAN Registration for having successfully executed a contract between the employer and the accredited Employees' Organization.

❖ **Issues and Concerns**

- ◆ **Need for timely and complete data on business permits**
- ◆ **Commitment of the Rank-and-File Employees and the operations to the undertaking of the agency PSEO**

Statistical PAPs for 2023 to 2029

- ◆ **Strengthened coordination towards the implementation of the Integrated Business Permit and Licensing System (I-BPLS)**

- ◆ Continuous implementation of systems such as the Electronic Business One-Stop Shops, Integrated Business Permits and Licensing System, ePay, among others
- ◆ Streamline the issuance of building permits and certificates of occupancy
- ◆ Integration of government online services in the Gov PH Super App
- ◆ Increased number of LGUs adopting the eBPLS module
- ◆ Increased number of LGUs adopting the Building Permit and Certificate of Occupancy (BPCO) system for construction-related permits
- ◆ Increased number of Provincial/Cities/Municipalities conferred with the Seal of Good Local Governance (SGLG)
- ◆ Continuous implementation of the local government's performance according to the standards set by SGLG
- ◆ Increased number of LGUs having been registered and accredited PSEOs
- ◆ Creation and existence of PSEOs to qualified Local Water Districts (LWDs)
- ◆ 100 percent and the existence of PSEOs in both the teaching staff and non-teaching personnel in the SUCs
- ◆ Operational and valid CAN in all agencies concerned

Chapter 14 – Climate Change and Disaster Statistics

Introduction

Statistics on climate change and disasters are important in assessing the impact of environmental events on communities and developing effective mitigation strategies. Policymakers can assess the vulnerability of different communities, identify areas at high risk, and allocate resources accordingly by tracking climate change and disaster statistics. Furthermore, these statistics are useful for researchers studying patterns and trends to better understand the causes and consequences of climate change and disasters.

Situational Analysis

❖ **Key Developments in 2022**

The following are key developments in terms of Climate Change and Disaster Statistics for 2022:

- ◆ Provision of information, products, and services for disaster risk reduction and climate change adaptation and mitigation by the Department of Science and Technology Region 02 (DOST R02)

Science, technology, and innovation-based solutions for disaster risks and climate change adaptation and mitigation

❖ **Issues and Concerns**

- ◆ Inadequate fund allocation
- ◆ Lack of available training on climate change and disaster risk awareness, mitigation, adaption, impact reduction, and early warnings

Statistical PAPs for 2023 to 2029

- ◆ Compilation of Climate Statistics

Improved disaster risk reduction management and preparedness by PPDO Isabela

- ◆ Intensify the provision of information, products, and services for disaster risk reduction and climate change adaption and mitigation.

- ◆ Estimation of daytime and nighttime population in the province for disaster risk reduction and improved response management and preparedness in Isabela.

Provision of benchmark data and disaster risk reduction and improved response during disasters

Chapter 15 – Civil Registration and Vital Statistics

Introduction

The chapter on civil registration and vital statistics highlights the need for comprehensive civil registration systems to track births, deaths, and marriages, which can help inform public health policies and interventions. Additionally, it emphasizes the importance of vital statistics in monitoring demographic changes and assessing the impact of social and economic factors on population health.

Situational Analysis

❖ Key Developments in 2022

The following are key developments in terms of Governance Statistics for the period of 2022:

- ◆ Conduct of 1st Ceremonial Awarding of Certificate of Live Birth in Security Paper Under PHILSYS Birth Registration Assistance Project (PBRAP)
- ◆ Implementation of PHILSYS Birth Registration Assistance Project
- ◆ Celebration of Civil Registration Month in February with activities such as mass weddings, mobile registration in coordination with the local civil registry office

Mobile registration is an outreach registration activity usually conducted by the Local Civil Registry Office in coordination with the PSA during special events

❖ Issues and Concerns

- ◆ Provide legal identity for all including birth registration (SDG Target 16.9)
- ◆ Need to register unregistered births for the PhilSys Registration
- ◆ Improving birth registration to address the country's commitment to the Ministerial Declaration for Universal Registration in Asia
- ◆ Data on health status statistics, health services coverage statistics, and family planning statistics
- ◆ Need for regular provision of data on the number of births occurring to females aged 10-14 and 15-19, by Province/City/Municipality in Region 2, by year
- ◆ Need for regular provision of data on repeat pregnancies among 10-14 and 15-19 females, per Province/City/Municipality, per year

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- ◆ Conduct of Quarterly Regional Inter-Agency Committee on Civil Registration (RIACCRVS) Meeting
- ◆ Conduct of Training on Civil Registration and Vital Statistics (CRVS)

- ◆ Conduct a Refresher Course on Decentralized Copy Annotation Project (DeCAP)
- ◆ Conduct of Solemnizing Officer's Training
- ◆ Conduct of Church Validation
- ◆ Participation in Mobile Registration
- ◆ Celebration of Civil Registration Month
- ◆ Civil Registration Services Authentication
- ◆ Conduct of CRVS Decade Information Dissemination Campaign
- ◆ Conduct of refresher Course/Training on Business Rules for CRS Frontliners
- ◆ Updating of the Teenage Pregnancy Database in the CPD RII Website
- ◆ Provision of technical assistance on AHD/Teenage pregnancy Symposium
- ◆ Regular provision of data on the number of births born to mothers aged 10-19 years old
- ◆ Training workshop on the establishment of the Registry of Barangay Inhabitants and Migrants (RBIM) and generation of reports for the LGUs
- ◆ Workshop on the utilization of e-RBIM (digitized RBIM)

Chapter 16: Statistical Capacity Development

16.1 Human Resource Development

Introduction

Human capital is the foundation to effectively deliver an upgraded Regional Statistical System (RSS). The professional and career development of statistical personnel in the RSS facilitates the generation and sharing of timely, reliable, and accurate data to achieve statistical system goals, hence the need to invest in these efforts.

This section presents a general framework for statistical capacity development of the human resources in the RSS.

Situational Analysis

❖ Key Developments in 2022

The following are key developments in terms of Human Resource Development for 2022:

- ◆ Statistical literacy and training needs
 - RSC2 Training Needs Assessment Form
- Conduct of statistical training programs/ conferences/ seminars/ workshops/ activities/ dialogues/ fora
 - Training on Basic Statistical Analysis using Excel of the RSC2 members spearheaded by PSA-RSSO II
 - Capacity Building on the 2019 Updates on the 2009 PSIC and PSGC for LGUs and RLAs in Region II-Cagayan
 - Training-Orientation on the Updated PSIC and Philippine Business Hub (PBH)/Integrated Business Permits and Licensing System (iBPLS)
 - Briefing/Orientation on Tourism Satellite Accounts
 - Technical Session on the compilation of Water Flow Accounts
 - Briefing on Provincial Product Accounts for the Province of Quirino
- ◆ Directory of statistical experts and professionals in Region II-Cagayan Valley through OneExpert website

OneExpert website is a web-based repository of experts in the field of Science and Technology.

❖ Issues and Concerns

- ◆ No academic institution in the region offers Statistics degree programs, only a limited number of Statistics graduates are being utilized in the RSS.
- ◆ Insufficient statistical units, positions, and resources to ensure regular production of local-level statistics

- ◆ Sustainability on the utilization of the learning/knowledge acquired.
- ◆ Challenges being faced in convening all the Department Heads of LGUs for the Planning Workshop on POPDEV Localization and Program Coordination.

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- ◆ Seminar-Workshops on Quantitative and Qualitative Data Analysis by Saint Mary's University (SMU)
- ◆ Offering of Bachelor of Science in Statistics (BS Stat) and/or Bachelor of Science in Data Science (BSDS) by SMU
- ◆ Scholarships for BS Statistics and/or BSDS Students by SMU
- ◆ BS in Data Science Analytics and Diploma in Data Science Analytics course offering of Isabela State University

Isabela State University, Echague Campus in particular, launched its pioneering Bachelor of Science in Data Science and Analytics (BS DSA) and Diploma in Data Science and Analytics programs—the first of its kind in Region 2. These programs commenced in the first semester of the academic year 2023-2024.

The initial cohort for the BS DSA program is composed of 33 students, showcasing a well-balanced gender distribution with 16 males and 17 females. Simultaneously, the Diploma in Data Science and Analytics has attracted five (5) post-graduate students, including one (1) female and four (4) males. This enrollment pattern underscores the university's dedication to promoting diversity and fostering excellence in the dynamic field of data science.

Isabela State University is anticipating an increase in enrollees for the succeeding academic years, further solidifying the agency's commitment to providing exceptional education in data science at the Echague Campus.

- ◆ Training Workshop on the Establishment of the Registry of Barangay Inhabitants and Migrants (RBIM) for the LGUs of the CPD RO2
- ◆ Workshop on the Generation of Registry of Barangay Inhabitants and Migrants (RBIM) Reports (Data Cleansing, Pivoting, Data Presentation and Analysis) of the CPD RO2
- ◆ Workshop on the Utilization of the eRBIM (Digitized RBIM) of the CPD RO2
- ◆ Orientation Workshop on the Development and Operationalization of the Local Population and Development (POPDEV) Program for LGUs of the CPD RO2
- ◆ Planning Workshop on POPDEV Localization and Program Coordination for LGUs of the CPD RO2
- ◆ Training on Data Analytics of the CPD RO2
- ◆ Institutionalization of determination/derivation of Regional System for Agricultural Economic Indices by DA RFO2
- ◆ Data Collection and Analysis Training by CHED RO2

- ◆ Capacity Building/trainings for Data Providers on Agricultural Statistics in the Region by DA RFO 02
- ◆ Seminar-Workshop on Statistics, Research and Database Management by PSC Isabela
- ◆ Comprehensive Statistical Standards and Classification Training Up to the Local Level by PSA-RSSO II
- ◆ Training on the United Nation's Sustainable Development Goals (SDGs) Targets and Indicators by PSC Isabela
- ◆ Short Course on Data Science and Analytics for Decision Makers by PPDO Isabela
- ◆ Geographic Information System (GIS) Training for Planners by PPDO Isabela
- ◆ Seminar-Workshop on Using Statistical Software by PPDO Isabela
- ◆ Orientation to the assigned field enumerators by DOST RO2
- ◆ Series of capacity-development activities on data management and presentation, infographics, data analysis, among others by RSC2

Chapter 16: Statistical Capacity Development

16.2 Statistical Research and Development

Introduction

One essential component of a responsive statistical system is having a strong Statistical Research and Development (SR & D) program. SR & D is a key in developing new innovative methodologies in support of more effective and efficient data production and dissemination.

This chapter outlines the strategic plan for the establishment and institutionalization of the practices of SR&D in the RSS.

Situational Analysis

❖ Key Developments in 2022

The following are key developments in terms of Statistical Research and Development for the period of 2022:

◆ Presence of and active involvement of PSAI in the RSS

PSAI Region 2 Chapter is the region's sole scientific society of professionals committed to the promotion of the proper use of Statistics.

❖ Issues and Concerns

- ◆ Lack of skills/knowledge and absence of collaboration/ partnership among experts to develop statistical methodologies.
- ◆ Limited financial resources in the Regional Statistical System (RSS) for Statistical Research & Development
- ◆ Limited knowledge on the tracking/monitoring of SDGs

Statistical PAPs for 2023 to 2029

- ◆ Directory of a pool of statistical experts and professionals in Region II-Cagayan Valley
- ◆ Capacity development on Tracking of SDG for RLAs/LGUs

Chapter 17: Statistical Information Management and Dissemination

Introduction

The availability and accessibility of timely, accurate, relevant, and reliable statistical information are vital in addressing a wide range of policy issues encountered by both the government and the private sector, which is mainly used for the formulation of effective policies and development of strategic plans. Likewise, it is also the key element towards measuring and monitoring results as it enables policymakers and program implementers to assess the effectiveness of the different policies and programs implemented, and aids in measuring progress in the attainment of development goals.

Moreover, efficient, and effective management and dissemination of statistical information are vital as they enable the continuous provision of and access to high-quality statistical information relevant to the formulation of policies and development of strategic plans for the people while respecting the confidentiality of its data providers.

This chapter provides programs for effective and efficient management and dissemination of statistical information toward wider and rational use of statistics. It focuses on raising the level of users' understanding, capacity, and trust to increase the utilization of statistics and indicators in evidence-based policy and decision-making.

Situational Analysis

❖ Key Developments in 2022

The following are key developments in terms of Statistical Information Management and Dissemination for 2022:

- ◆ [Conduct of statistical programs/ conferences/ seminars/ workshops/ activities/ dialogues/ dissemination fora](#)
 - Vital Statistics Regional Dissemination Forum
 - Data Dissemination Forum on 2020 Women and Men (WAM)
 - 2021 Report on the Economic Performance of Region II - Cagayan Valley News Conference
 - Quarterly Survey of Philippine Business and Industry (QSPBI) Respondent's Forum
 - Regional Data Dissemination Forum on the 2020 Annual Survey of Philippine Business and Industry (ASPBI)
 - 2022 CBMS Nationwide Rollout Press Launch
 - Cagayan Valley Press Conference on September 2022 Inflation
 - Full Year 2021 Poverty Statistics Regional Dissemination Forum
 - Provincial Data Dissemination Forum on 2021 Full-Year Official Poverty Statistics

- Release of the Countryside in Figures by PSA Batanes
The Countryside in Figures of Batanes, 2nd Edition was published by the Batanes Provincial Statistical Office on 14 October 2022.
- ◆ Annual Updating Regional Social and Economic Trends (RSET) Publication
- ◆ 2020 Women and Men (WAM) 3rd Edition Statistical Handbook
- ◆ Conduct of Annual Provincial Statistics Quiz Bee by PSC Isabela
- ◆ Conduct of Research Fora by SMU
- ◆ Distribution of IEC Materials
 - Periodic release of Cagayan Quick Facts brochure
 - Distribution of IEC materials on Quick Facts Brochure, Investment Guide book and Cagayan Profile leaflets
- ◆ Establishment and maintenance of an Electronic Statistical System/Provincial Statistical Center that will cater to policy makers, investors, planners, researchers, professionals & students
 - Establishment of the Provincial Statistics Center that will serve as a repository of all provincial sectoral data of the Province of Cagayan
- ❖ **Issues and Concerns**
 - ◆ Insufficient statistical units, positions and resources to ensure regular production of local-level statistics
 - ◆ Unavailability of integrated statistical archive/data warehouse for the RSS
 - ◆ Insufficient support and funding in the conduct/improvement of statistical PAPs
 - ◆ Need to improve timeliness, reliability and correctness of statistical data

Statistical PAPs for 2023 to 2029

- ◆ Launching and operationalization of the Provincial Statistics Center of the Province of Cagayan Province
- ◆ Regular radio airtime of PSA-RSSO II at City Information Office – Tuguegarao entitled, “Talakayan ng PSA Dos, Ayos!”
- ◆ Establishment of the Isabela Provincial Databank
- ◆ Inventory of Statistical Data/Products by PSC Isabela
- ◆ Conduct of regular Provincial Data Dissemination on the census and survey results (i.e Data on Agricultural Statistics) by PSA-Quirino
- ◆ Statistical Reporting System by CHED RO2
- ◆ Data Dissemination and Visualization of CHED RO2
- ◆ Distribution/Provision of IEC materials by PPDO Cagayan
- ◆ Conduct of Annual Provincial Statistics Quiz (PSQ) Bee by PSC Isabela

- ◆ Conduct of various activities in observance of the National Statistics Month every October of the year in the province of Isabela
- ◆ Conduct of Research Fora in the province of Isabela
- ◆ Updating of the Teenage Pregnancy Database in the POPCOM RII Website by CPD RO2
- ◆ Production and dissemination of Social & Behavior Change Communication (SBCC) Materials by CPD RO2
- ◆ Provision of Technical Assistance on AHD/Teenage Pregnancy Symposium by CPD RO2
- ◆ Regular provision of data on number of births born to mothers aged 10-19 years old by CPD RO2 and PSA

Chapter 18: Statistics on Children, Youth, Gender and Development

Introduction

One of society's moral duties, which transcends political, economic, and social barriers, is to consistently work toward gender equality and child development. The SDGs highlight the importance of concerted efforts to improve the plight of children and to address gender inequalities towards reducing poverty and the worst forms of human deprivation. Reduced child mortality, improved maternal health, and universal primary education are some of the specific goals and benchmarks for children, youth, and gender and development (GAD).

This chapter discusses statistical data and indicators used in assessing gender and development (GAD) status in the region that reflects the living conditions and situation of children, youth, and gender and development (GAD).

Situational Analysis

❖ Key Developments in 2022

The following are key developments in terms of Statistics on Children, Youth, Gender and Development for the period of 2022:

◆ Statistics on children, youth and GAD

- Women and Men (WAM) Publication in Cagayan Valley

The handbook includes the latest available statistics on men and women in Region II. It focuses about women relative to men in the following major areas: 1) Population and Families; 2) Labor and Employment; 3) Agriculture; 4) Education; 5) Vital Health and Family Planning; 6) Social Welfare and Development; 7) Peace and Human Rights; 8) Migration; and 9) Environment.

- Gender Statistics on QuickStat
- Gender Statistics on Labor and Employment
- Annual Updating Core Regional Indicators (CoRe-IS) Cagayan Valley
 - Statistical tables and indicators disaggregated by Sex
- Women and Information Communications and Technology Development Index (WIDI) Survey
- Abot-Alam Program

The Abot-Alam Program was launched nationwide with the National Youth Commission (NYC) to map out of school youths (OSYs) and provide them with necessary program interventions in education, entrepreneurship, and employment.

- Annual Updating Regional Social and Economic Trends (RSET)
- Among the key statistical tables and indicators found in this publication related to children and GAD are:
 - Household Population by Sex and Age Group;
 - Household Population 10 Years Old and Over by Sex, Age Group and Marital Status;
 - Livebirths in Cagayan Valley, Place of Occurrence and Sex; and
 - Deaths in Cagayan Valley by Place of Occurrence and Sex.

❖ **Issues and Concerns**

- ◆ Data gaps have remained despite the increasing demand for better quality and more disaggregated indicators/statistics on children and GAD in the region
- ◆ Local-level data on children and GAD have generally remained inadequate
- ◆ Absence of baseline data on violence against children in the region
- ◆ No periodic generation of critical indicators such as maternal and child mortality ratio, and other health and gender related statistics

Statistical PAPs for 2023 to 2029

- ◆ Annual Fact Sheet on Women and Men
- ◆ 2022 National Demographic and Health Survey (NDHS)

Chapter 19: Partnerships and International Cooperation

Introduction

Active involvement and commitment of the RSS in partnership and international cooperation activities brings about several benefits. Through the region's participation in expert group meetings, the representatives can influence and contribute to the development of international policies and guidelines, gains ideas on possible ways to improve, and at the same time help other countries adopt the RSS' best practices. The representatives can identify with and meet their counterparts in other countries which fosters rapport and partnerships that will be beneficial in the future in the form of collaboration and technical assistance.

Situational Analysis

❖ Key Developments in 2022

The following are key developments in terms of Partnerships and International Cooperation for the period of 2022:

- ◆ Forging of partnership among RLAs, LGUs and the media for wider dissemination of statistics

❖ Issues and Concerns

Statistical PAPs for 2023 to 2029

- ◆ Philippine Investment Forum organized by DTI
- ◆ Enter into MoA/MoU with Partner Agencies and LGUs re PPDP Concerns by CPD RO2
- ◆ Collaboration with Stakeholders by CHED RO2
- ◆ Forge commitment of LGUs, RLAs, the private sector, and other partners in the generation of statistics by PSC Isabela
- ◆ Strengthen research partnership with the academe by PPDO Isabela
- ◆ Benchmarking on SDG localization and best practices in other countries by PPDO Isabela
- ◆ Engage Balik Scientist, Experts, Trainers by DOST
- ◆ Attendance to Business Economics Briefings and Subscriptions to Publication by DA RFO2

Chapter 20: Sustainable Development Goals Monitoring

Introduction

In line with the Philippines' commitment in achieving the Sustainable Development Goals (SDGs), the PSA Board issued PSA Resolution No. 04 Series of 2016, Enjoining Government Agencies to Provide Data Support to the Sustainable Development Goals (SDGs), which states that all concerned government agencies are enjoined to provide the necessary data support to monitor the country's performance vis-à-vis the SDGs based on the indicator framework that shall be determined by NEDA, PSA and other government agencies.

In Cagayan Valley, the Regional Statistics Committee Region 2 approved and adopt the initial list of Cagayan Valley Tier 1 Sustainable Development Goals Indicators (SDGIs), through RSC2 Resolution No. 1, series of 2019, which is the core of all other sets of indicators that will be compiled and monitored in the region.

This chapter provides a strategic plan for the development and improvement of statistical data and indicators that aid in the creation, implementation and monitoring of policies and programs to promote and ensure achievement of the SDGs in the region.

Situational Analysis

❖ Key Developments in 2022

The following are key developments in terms of Sustainable Development Goals Monitoring for the period of 2022:

◆ SDG Watch

The Philippine Statistics Authority (PSA) announces the release of the updated SDG Watch, which provides status on the progress of the Philippines in achieving the SDGs based on the initial list of Philippine SDG indicators.

❖ Issues and Concerns

- ◆ Data gaps in monitoring SDGs at the local level**
- ◆ Need for developing new methods of estimating, analyzing, and disseminating the SDGs indicators**
- ◆ Strengthen the advocacy on the use of the SDG indicators for evidence-based decision making**
- ◆ Need for technical and financial support to be able to monitor the numerous indicators to be monitored in SDGs**

Statistical PAPs for 2023 to 2029

- ◆ [SDG Watch](#)
- ◆ [Mapping of the CVRDP 2023-2028 Results Matrix \(RM\) with SDGs](#)

NEDA 02, being the region's socioeconomic planning and development agency, spearheaded the formulation of the results matrices (RMs) which integrate results-orientation vis-a'-vis the various strategies, programs and projects outlined in the CVRDP.

Appendix

Regional Statistics Committee and Technical Working Group Members

Regional Line Agencies

Bangko Sentral ng Pilipinas - Tuguegarao Branch	BSP
Commission on Higher Education Regional Office II	CHED
Civil Service Commission Regional Office No. 2	CSC
Commission on Population and Development	CPD
Department of Agriculture–Regional Field Office No. 02	DA
Department of Agrarian Reform Region 02	DAR
Department of Budget and Management Regional Office No. II	DBM
Department of Environment and Natural Resources Region 2	DENR
Department of the Interior and Local Government Regional Office 02	DILG
Department of Health Regional Office II	DOH
Department of Labor and Employment Regional Office No. II	DOLE
Department of Public Works And Highways Regional Office 02	DPWH
Department of Science and Technology	DOST
Department of Tourism Regional Office II	DOT
Department of Social Welfare and Development Region 02	DSWD
Department of Trade and Industry Regional Office No. 02	DTI
National Commission on Indigenous Peoples Region 02	NCIP
National Economic and Development Authority Regional Office 02	NEDA
Philippine Army	PA
Philippine Information Agency	PIA
Philippine National Police Regional Office 2	PNP
Philippine Statistics Authority Regional Statistical Services Office 02	PSA
Philippine Statistics Authority Batanes Provincial Office	PSA
Philippine Statistics Authority Cagayan Provincial Office	PSA
Philippine Statistics Authority Isabela Provincial Office	PSA
Philippine Statistics Authority Nueva Vizcaya Provincial Office	PSA
Philippine Statistics Authority Quirino Provincial Office	PSA
Technical Education and Skills Development Authority Region 02	TESDA

Private Sectors

Philippine Chamber of Commerce and Industry	PCCI
Philippine Statistical Association, Inc. Region 2 Chapter	PSAI

Academic Institutions

Cagayan State University	CSU
Isabela State University	ISU
Saint Mary's University	SMU
University of Saint Louis Tuguegarao	USLT

Provincial Government

Provincial Government of Batanes	PPDO - Batanes
Provincial Government of Cagayan	PPDO - Cagayan
Provincial Government of Isabela	PPDO - Isabela
Provincial Government of Nueva Vizcaya	PPDO - Nueva Vizcaya
Provincial Government of Quirino	PPDO - Quirino

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