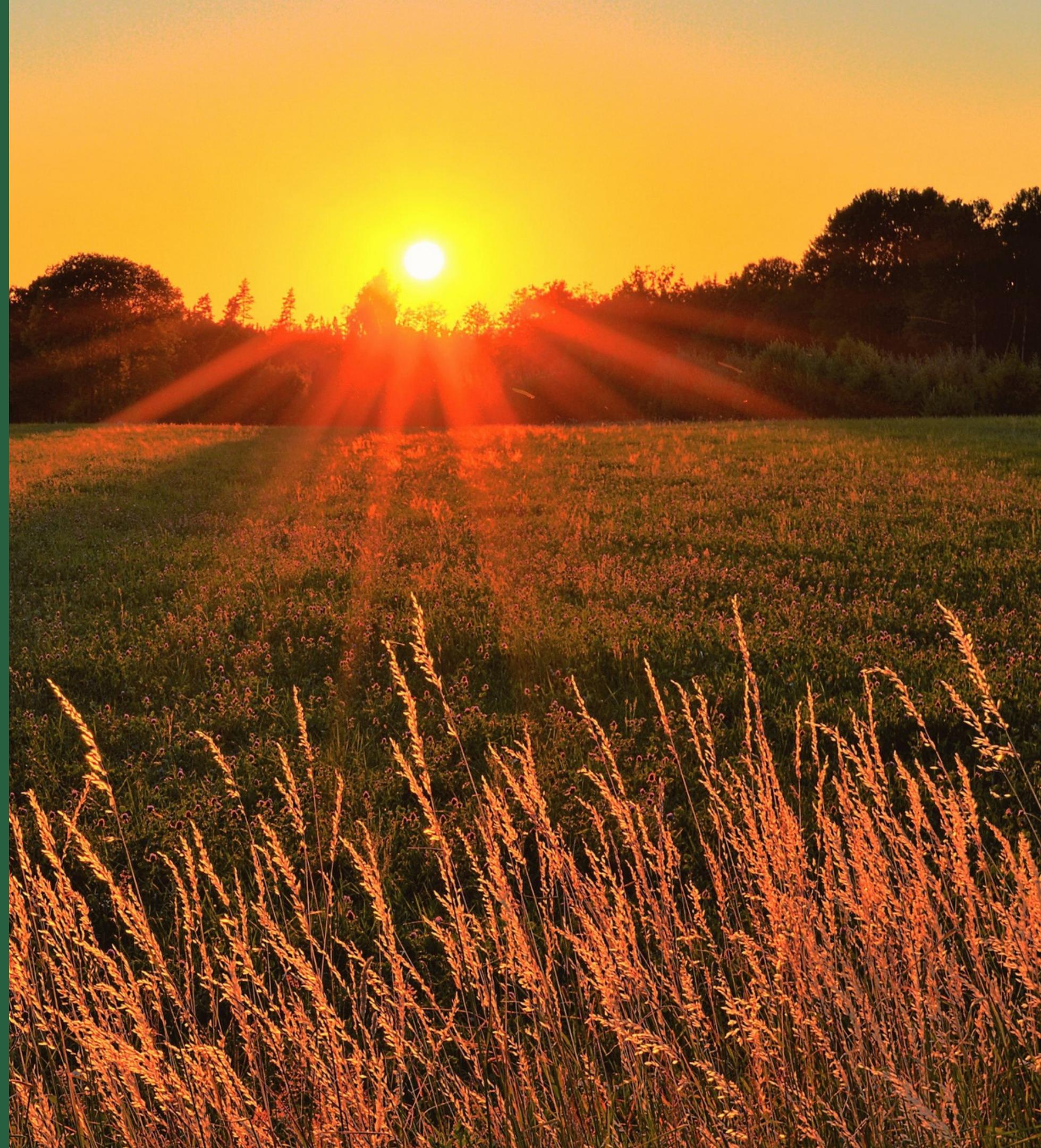




BARMM Agricultural Monitoring Dashboard

Presented by
Team AgriBARMM



Objective

Build an **agricultural monitoring dashboard** to help *disseminate information* and *identify areas of improvement* through data-driven decision making for the people of BARMM.

BARMM Data Challenge



Data Sources



Major Crops



Other Crops



Livestock



Poultry



Fisheries



Hazard

Philippine Statistics Authority

- [1] Palay and Corn: Volume of Production by Ecosystem/Croptype, by Quarter, by Semester, by Region and by Province, 1987-2020
 - [2] Palay and Corn: Area Harvested by Ecosystem/Croptype, by Quarter, by Semester, by Region and by Province, 1987-2020
 - [3] Other Crops: Volume of Production, by Region and by Province, 1990-2019 (Top 5)
 - [4] Other Crops: Area Planted/Harvested, by Region and by Province, 1990-2019 (Top 5)
 - [5] Livestock: Volume of Production by Animal Type, by Region and Province, 2010-2019
 - [6] Poultry and Eggs: Volume of Production by Poultry Products, Region and Province, 2010-2019
 - [7] Fisheries: Volume of Production by Geolocation, Subsector, Year and Quarter
 - [8] Fisheries: Value of Production by Geolocation, Subsector, Year and Quarter
- Link: <https://openstat.psa.gov.ph/Database/Agriculture-Forestry-Fisheries>

Open Bangsamoro Data

OpenBangsamoro(PUBLIC) > 5-New Maps > 08 - Harzards > Faultlines, Flood, Landslides and Storm Surge
Link: https://drive.google.com/drive/folders/11v4IW4OiUnWIfrp03_3xGJW9opXyoe-4



BANGSAMORO

Autonomous Region in Muslim Mindanao
Agricultural Monitoring Dashboard



Major Crops



Other Crops



Livestock



Poultry

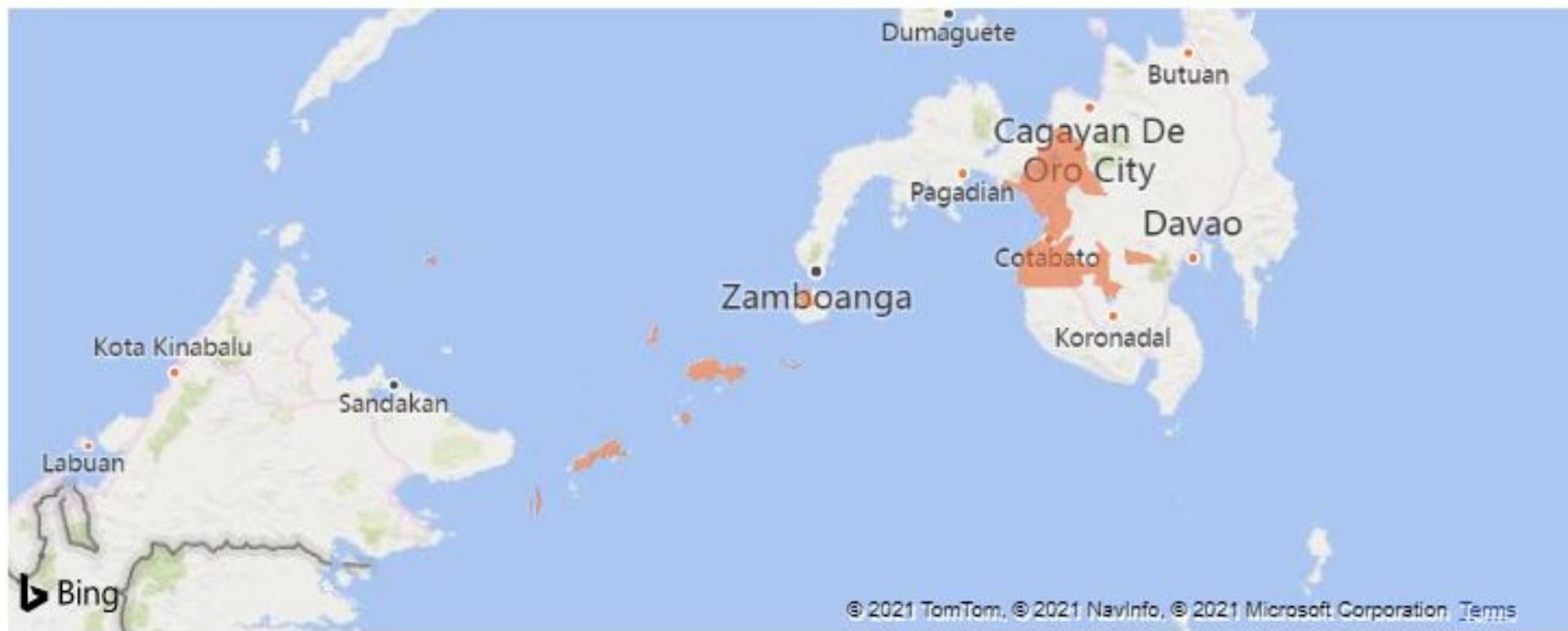


Fisheries



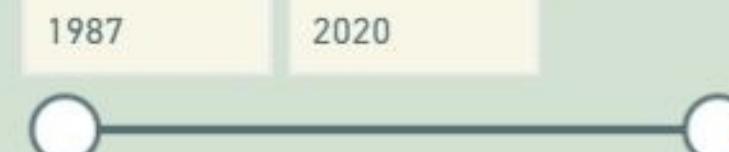
Hazard

BARMM Provinces



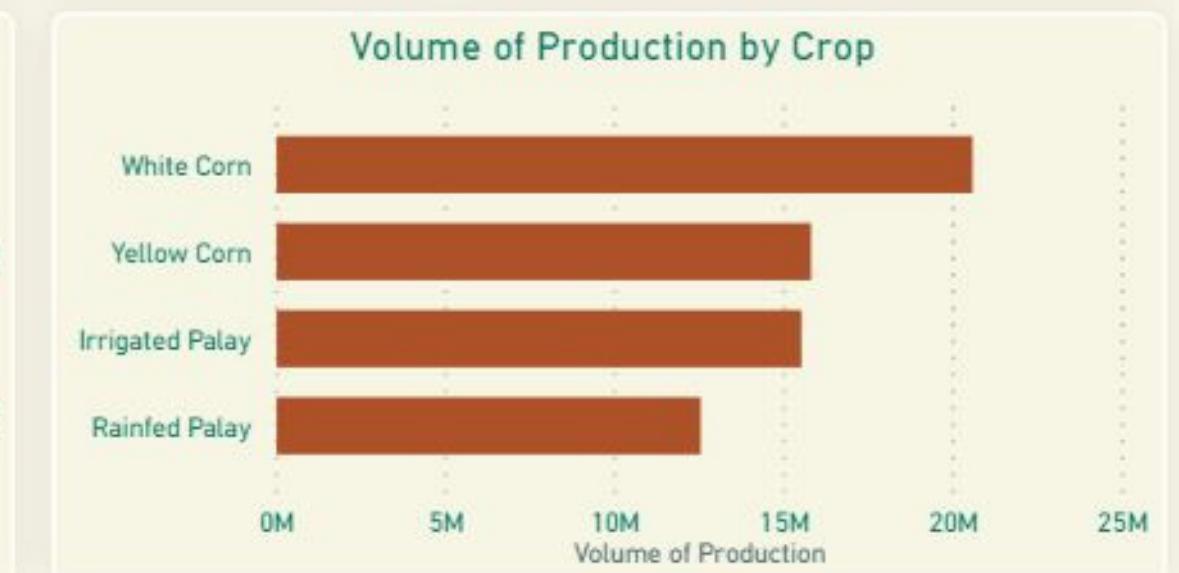
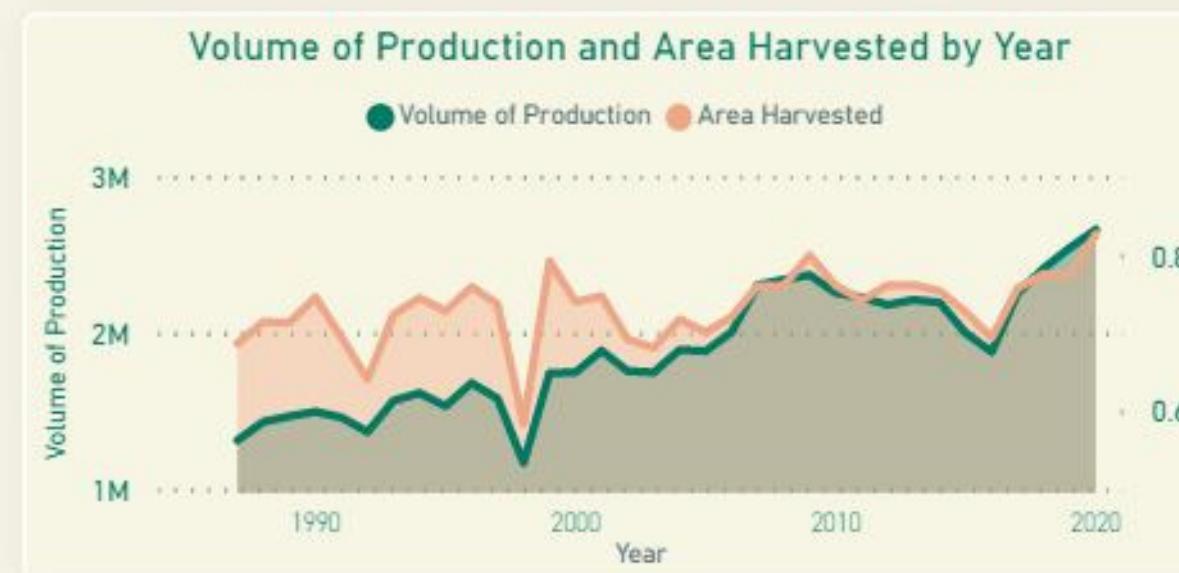
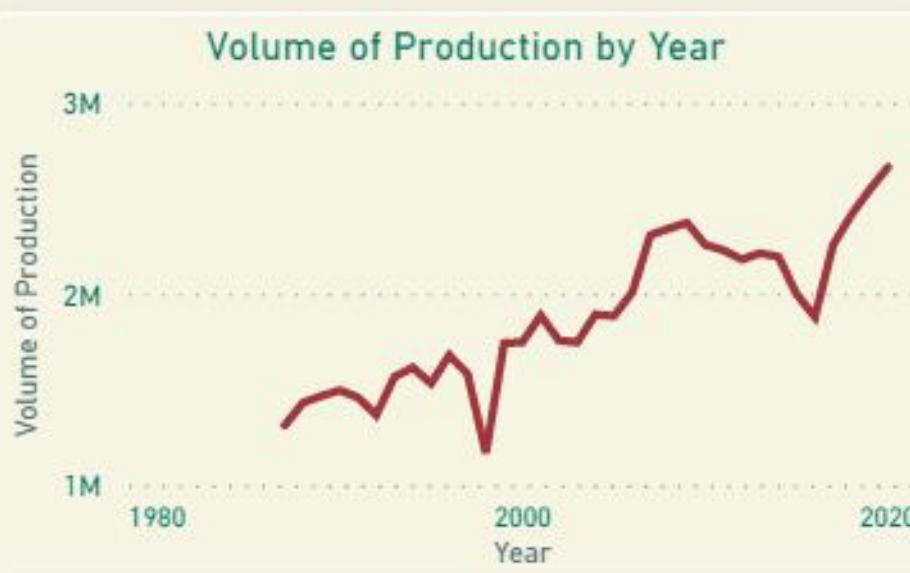
Irrigated Palay
Rainfed Palay

White Corn
Yellow Corn

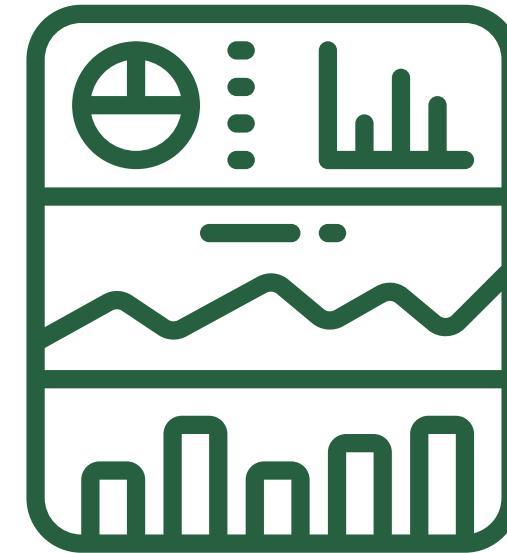
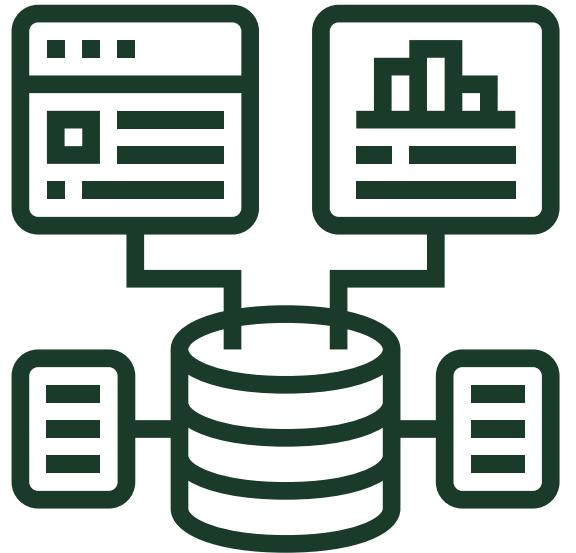


64,420,719.41
Volume of Production

24,965,050.66
Area Harvested



Methodology



**DATA
SOURCES**



**DATA
PREPARATION**



**DATA
VISUALIZATION**



Visual Representation

BARMM Data Challenge



[Back to report](#)

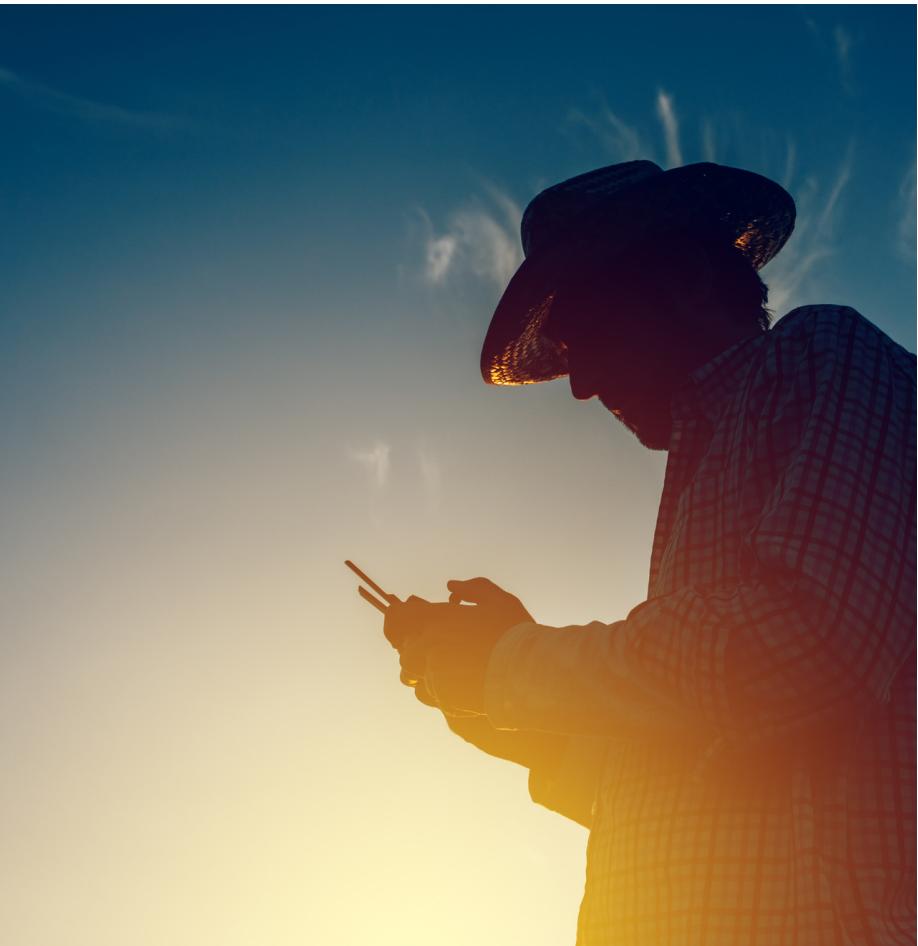
VOLUME OF PRODUCTION BY YEAR



This graph shows the volume of production of the major crops in BARMM from 1987-2020.

Recommendations

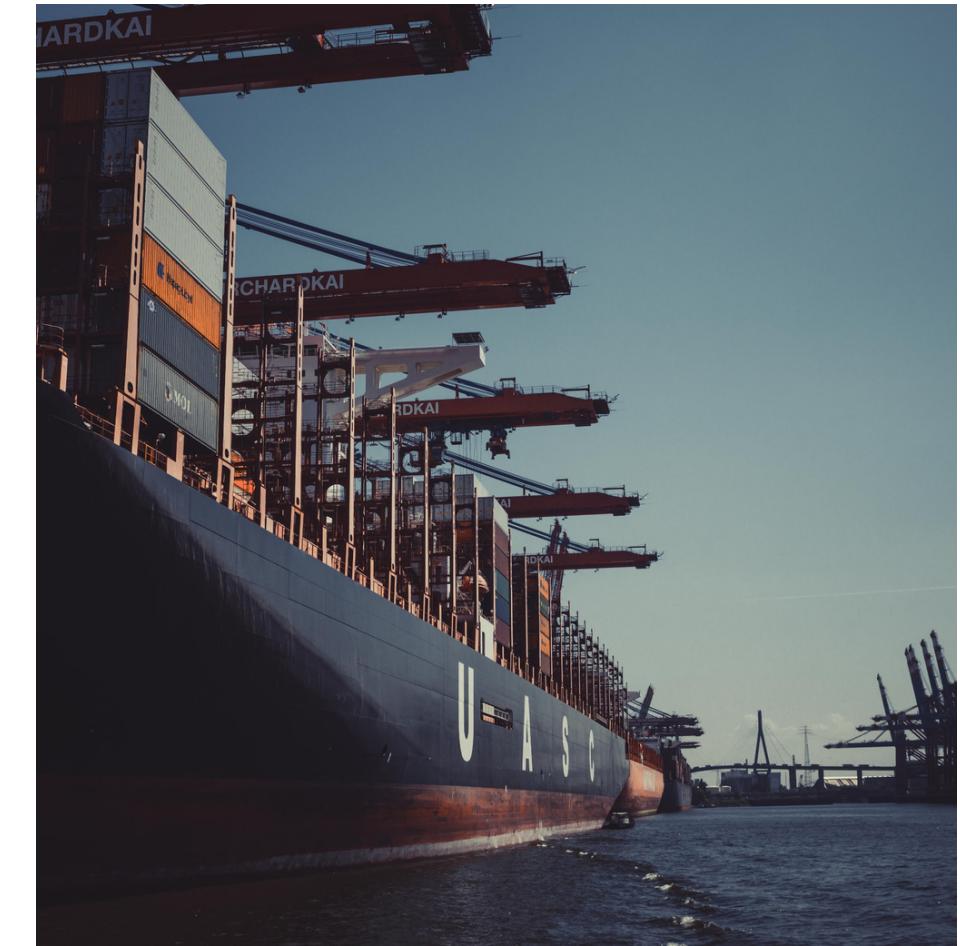
Include description of the component labor for each sector.



Add more detailed information in each production by quarter or semester.



Identify if the products are consumed locally or for export.



Meet Our Team



JULIE ANN DELDA



RESLY GEORGE AMADOR



GIRLIE CORTEZ



JANINE ZABATE



RON SEBASTIAN REBAÑO

A photograph of a sunset over a grassy field. The sky is a gradient from yellow to orange. The sun is low on the horizon, casting long, warm rays across the field. In the foreground, there is a cluster of tall, golden-brown grasses. The text "Thank you!" is overlaid in the center of the image.

Thank you!