Good day!
I am Juan.

A Filipino farmer from Benguet, Baguio in Cordillera Administrative Region.

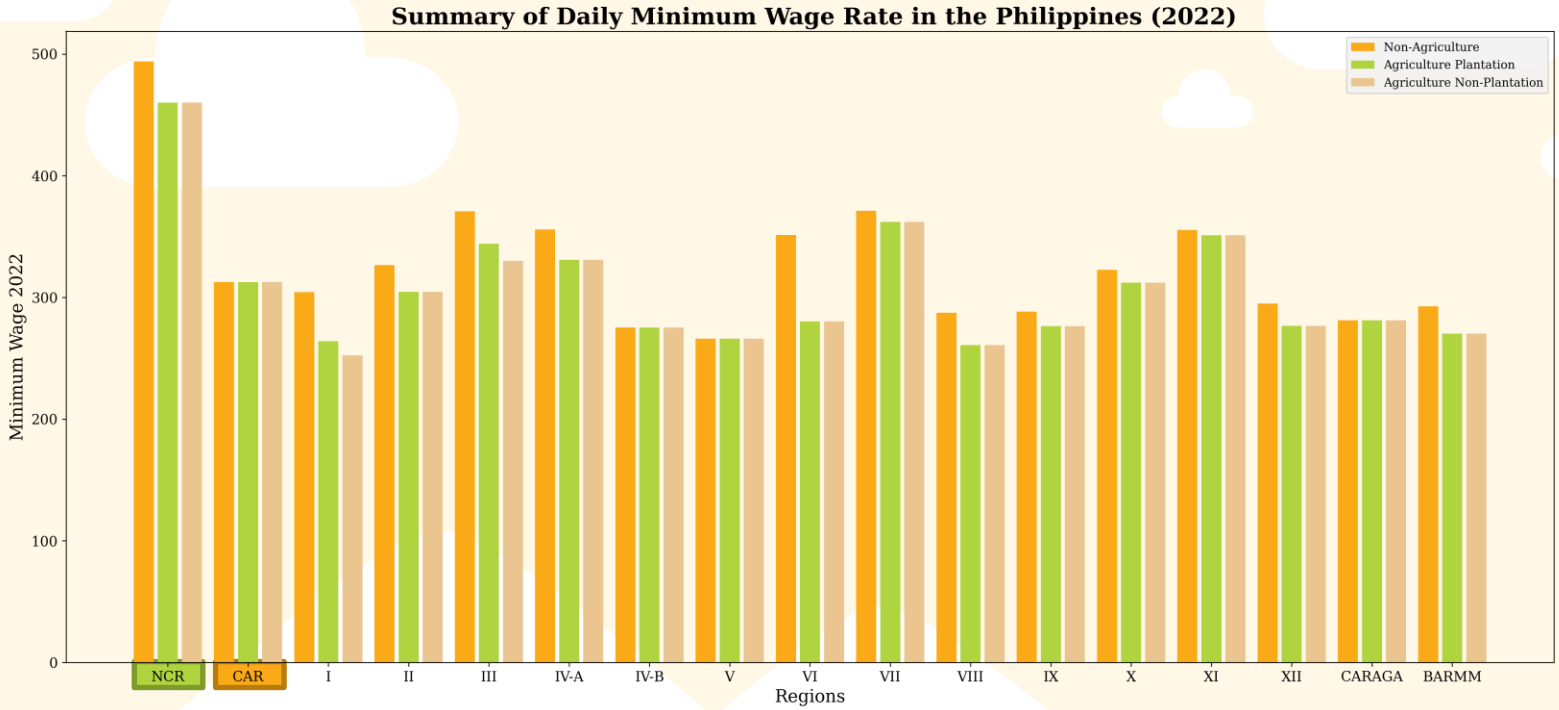
Daily Minimum Wage of Juan is:

P340 (basic) + P10 (COLA)

Source: Department of Labor and Employment, National Wages and Productivity Commission

SUMMARY OF DAILY MINIMUM WAGE RATE IN THE PHILIPPINES

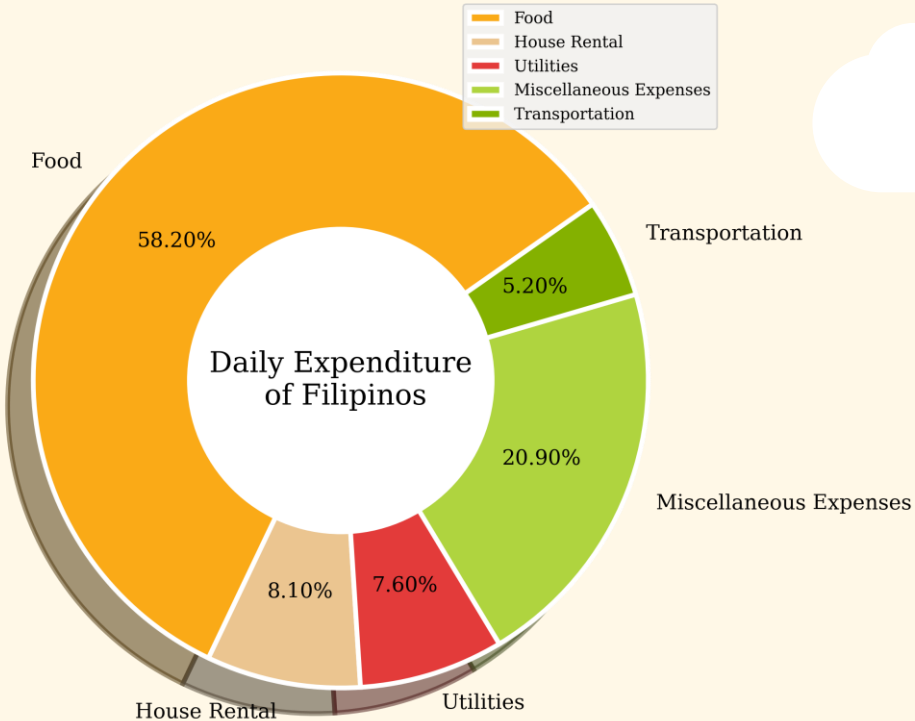
Source: Philippine Statistics Authority



Juan struggles everyday because his daily minimum wage is not sufficient in supporting and buying their everyday needs.

Juan's Daily Expenditures

P204



Source: Philippine Statistics Authority's Survey

THE FUTURE ~~PAY~~:

An Analysis on the Potential Effects of Increasing Minimum Wage in the Philippines

OBJECTIVES OF THIS STUDY:

1. To increase the minimum wage
2. Combat poverty and unemployment
3. Encourage economic growth

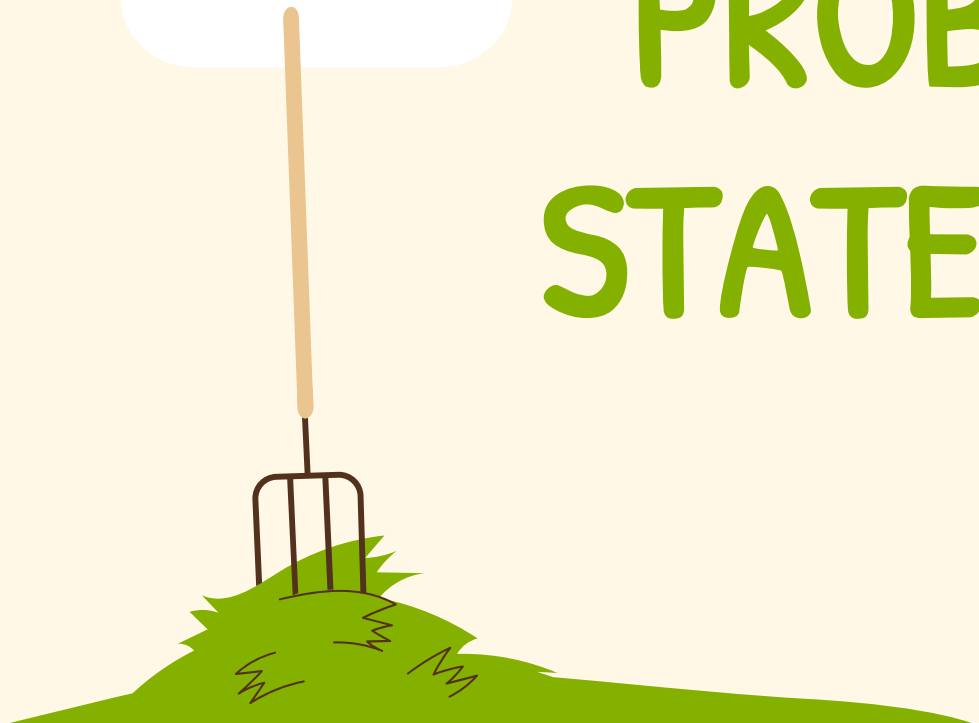
OBJECTIVES OF THIS STUDY:

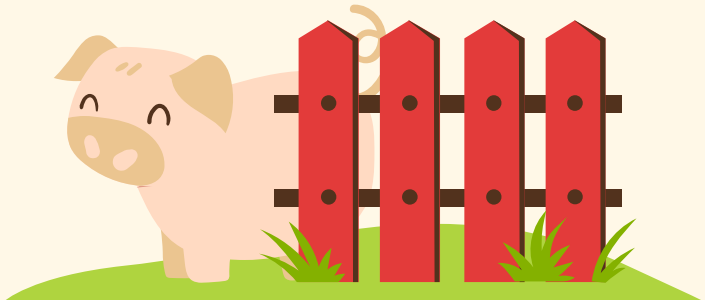
4. Encourage more Filipinos to stay in the Philippines

5. Develop an action plan/labor policy

Sustainable Development Goals (SDGs used)

PROBLEM STATEMENT



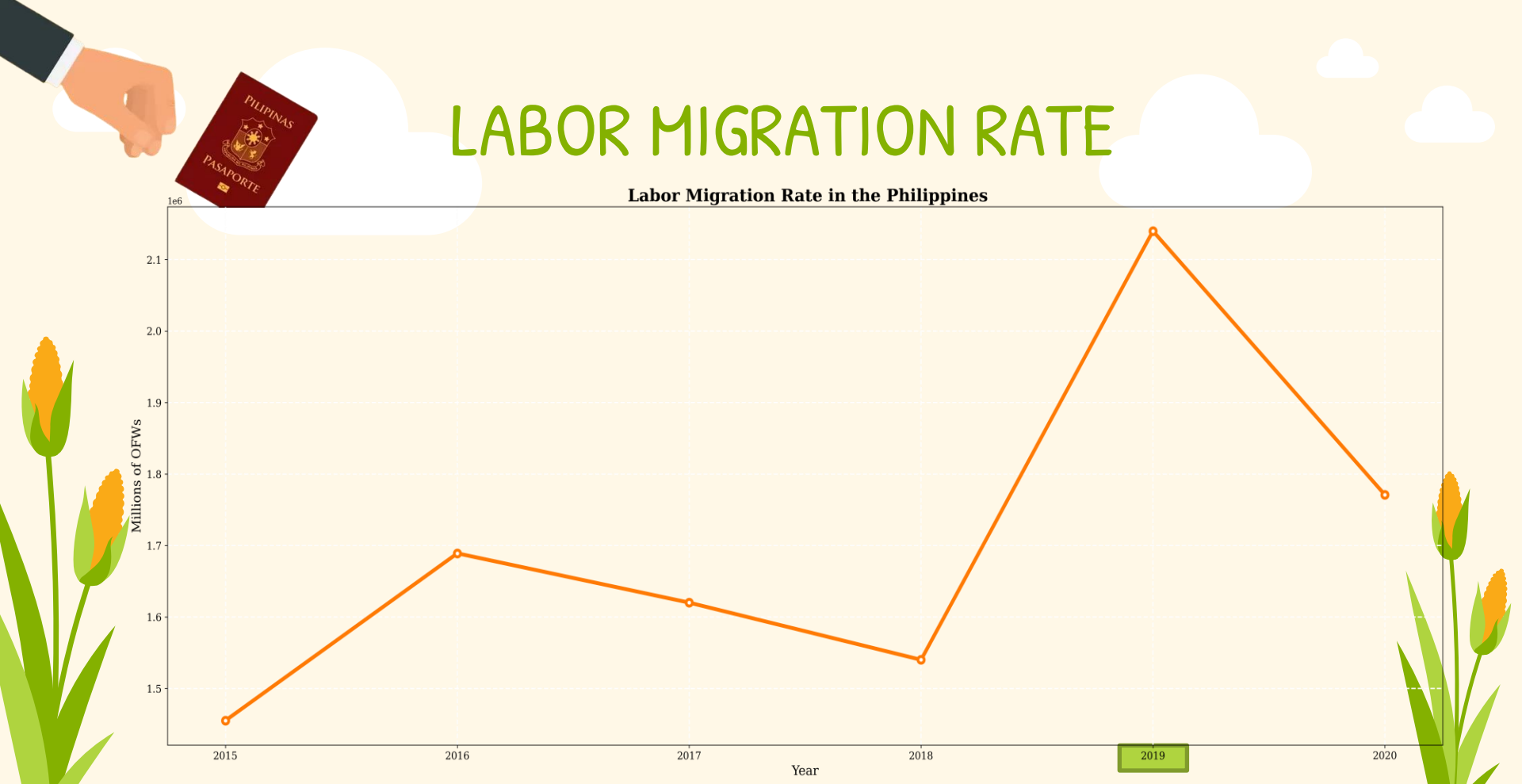


1

GROWING RATE OF LABOR MIGRATION

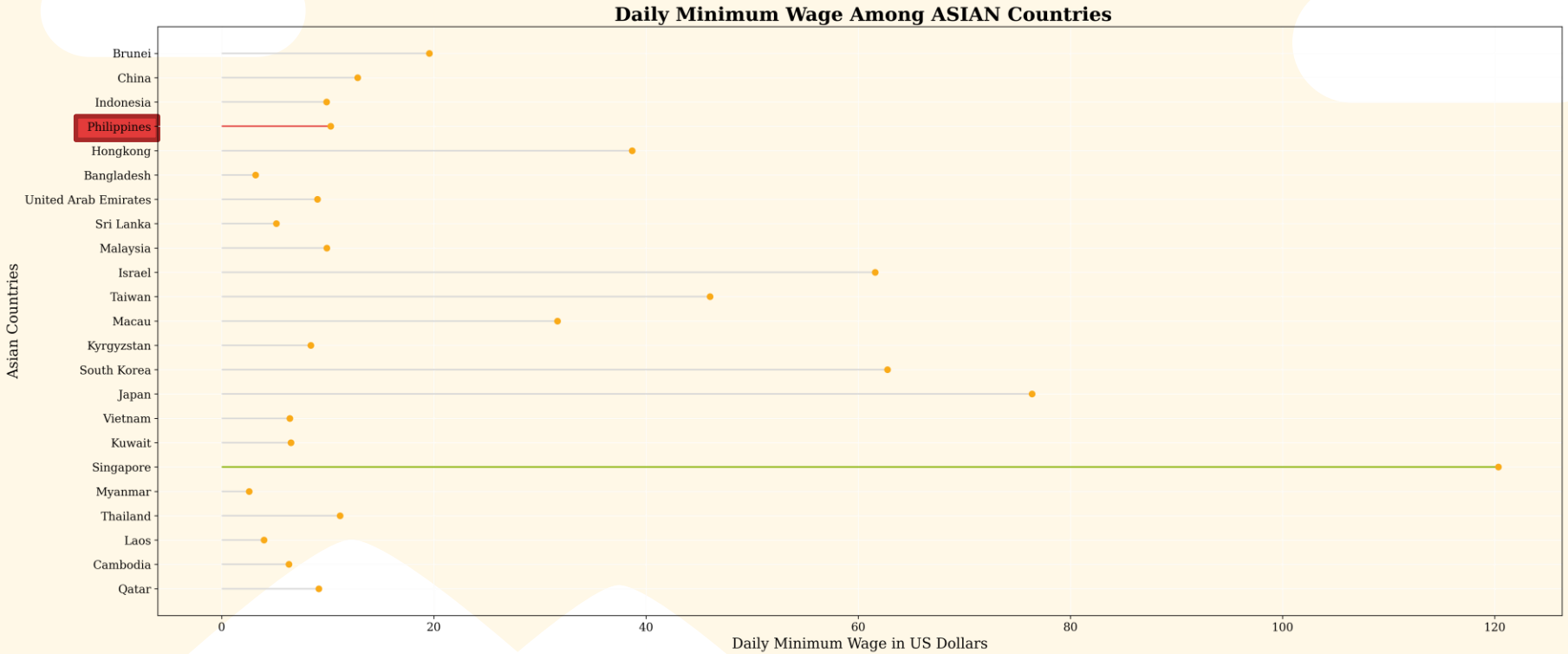
Most of Juan’s relatives and friends have already migrated to other countries as there are better opportunities and higher salaries being offered there.

LABOR MIGRATION RATE



Source: World Population Prospects and Philippine Statistics Authority's 2020 Survey on Overseas Filipinos

ASIAN Countries' Minimum Wage

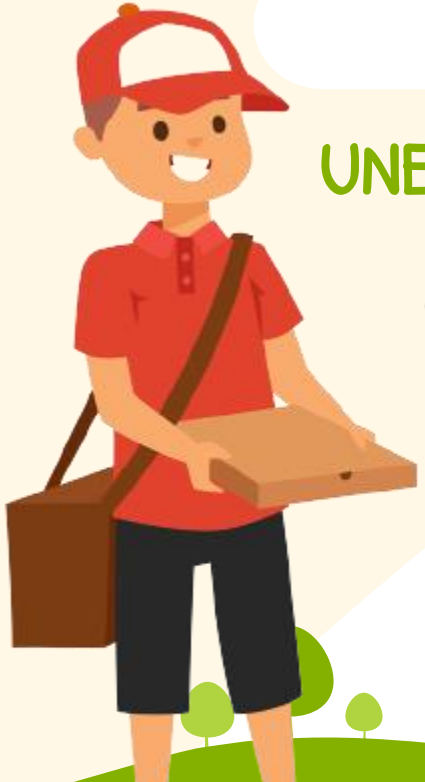


Source: Trading Economics

2

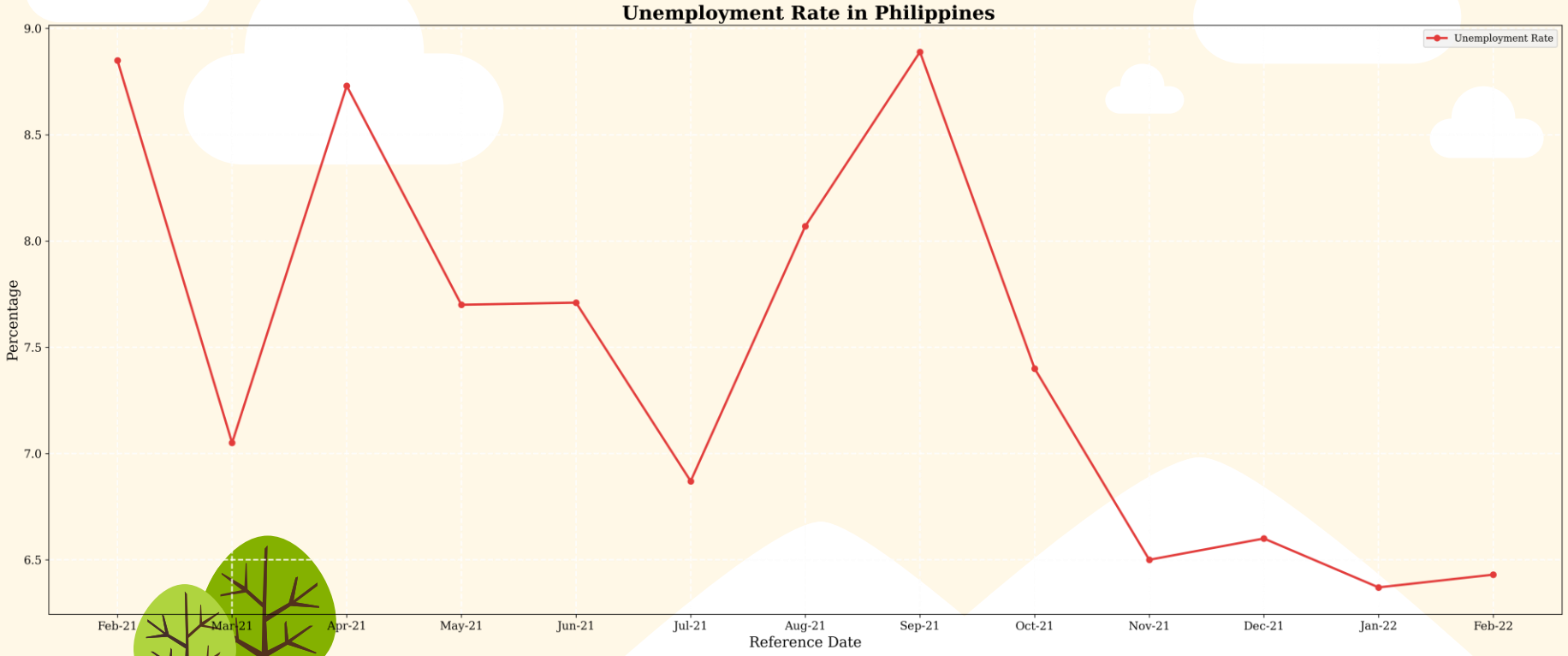
UNEMPLOYMENT RATE FALLS BUT JOB QUALITY WORSENS

According to Juan, he does some sidelines and side jobs during his free time, however, he cannot fully commit himself to those jobs because during morning he still works as a farmer.

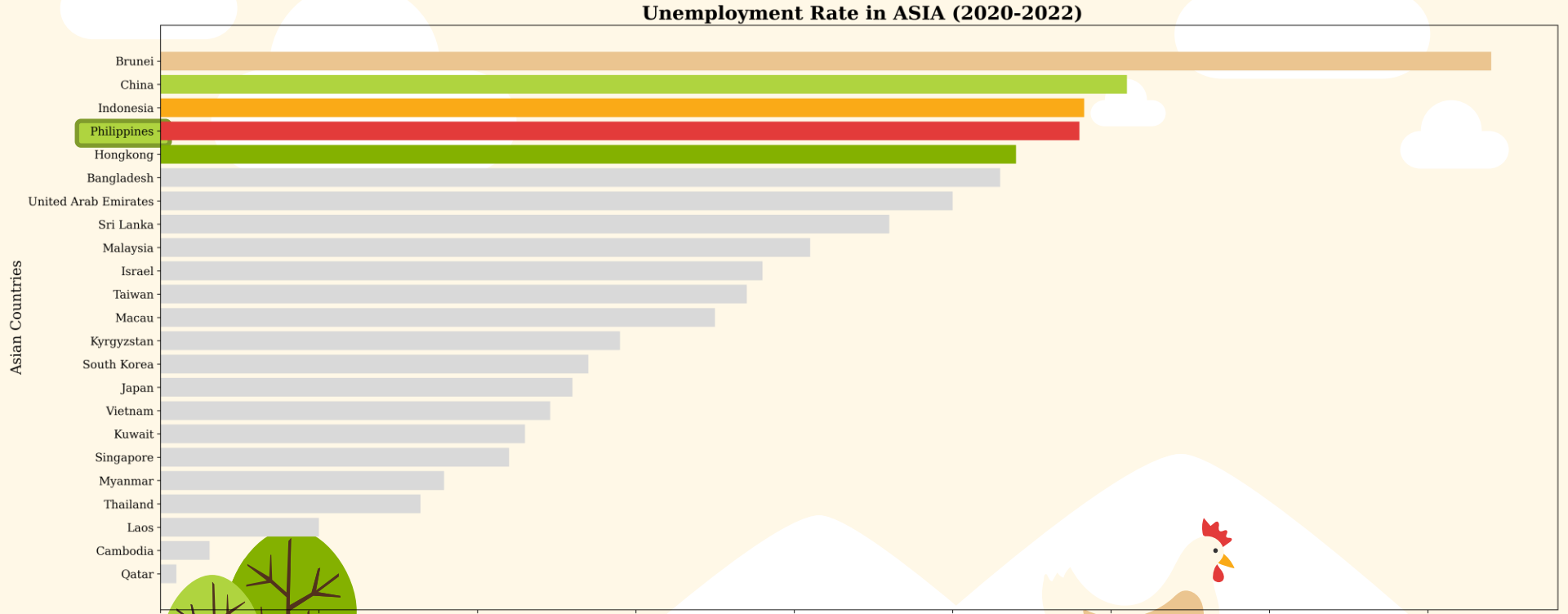


Unemployment Rate in the Philippines

Source: Philippine Statistics Authority



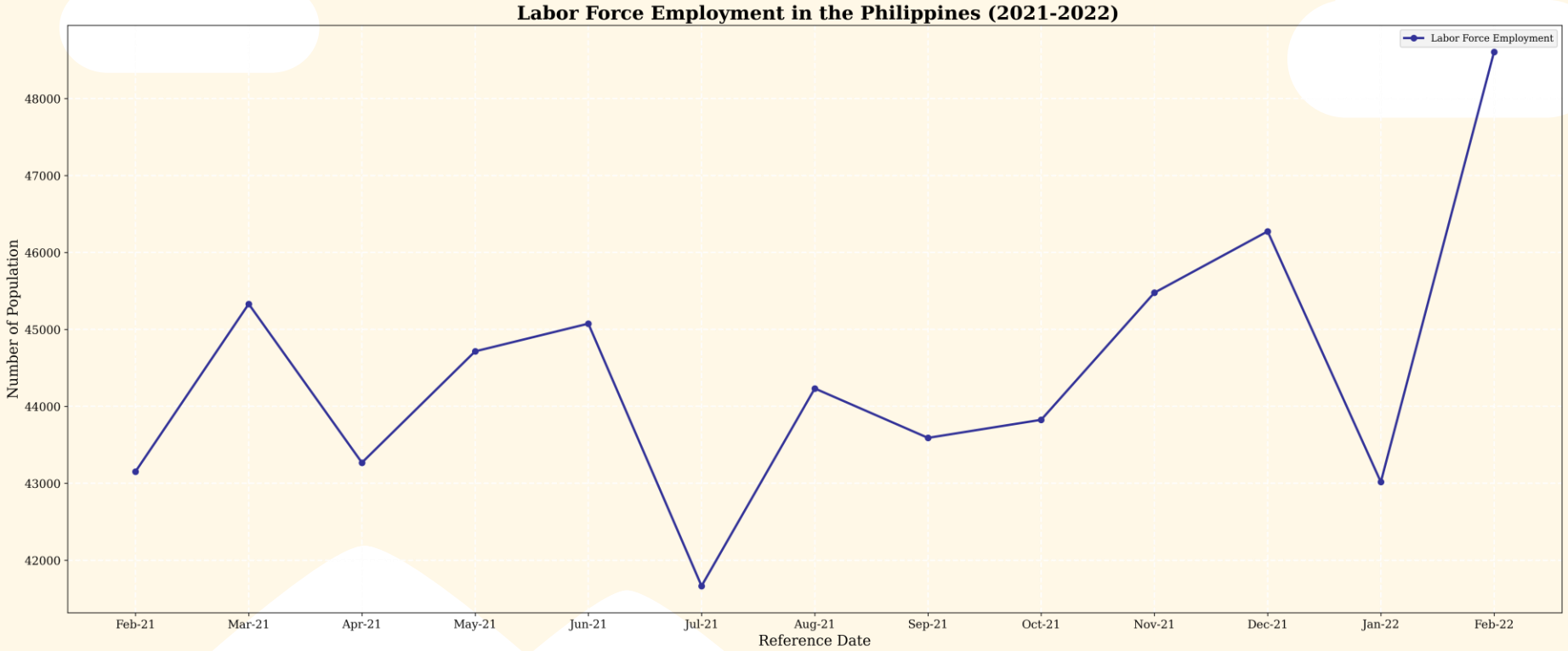
Unemployment Rate in ASIA



Source: Philippine Statistics Authority

Labor Force Employment

Source: Philippine Statistics Authority



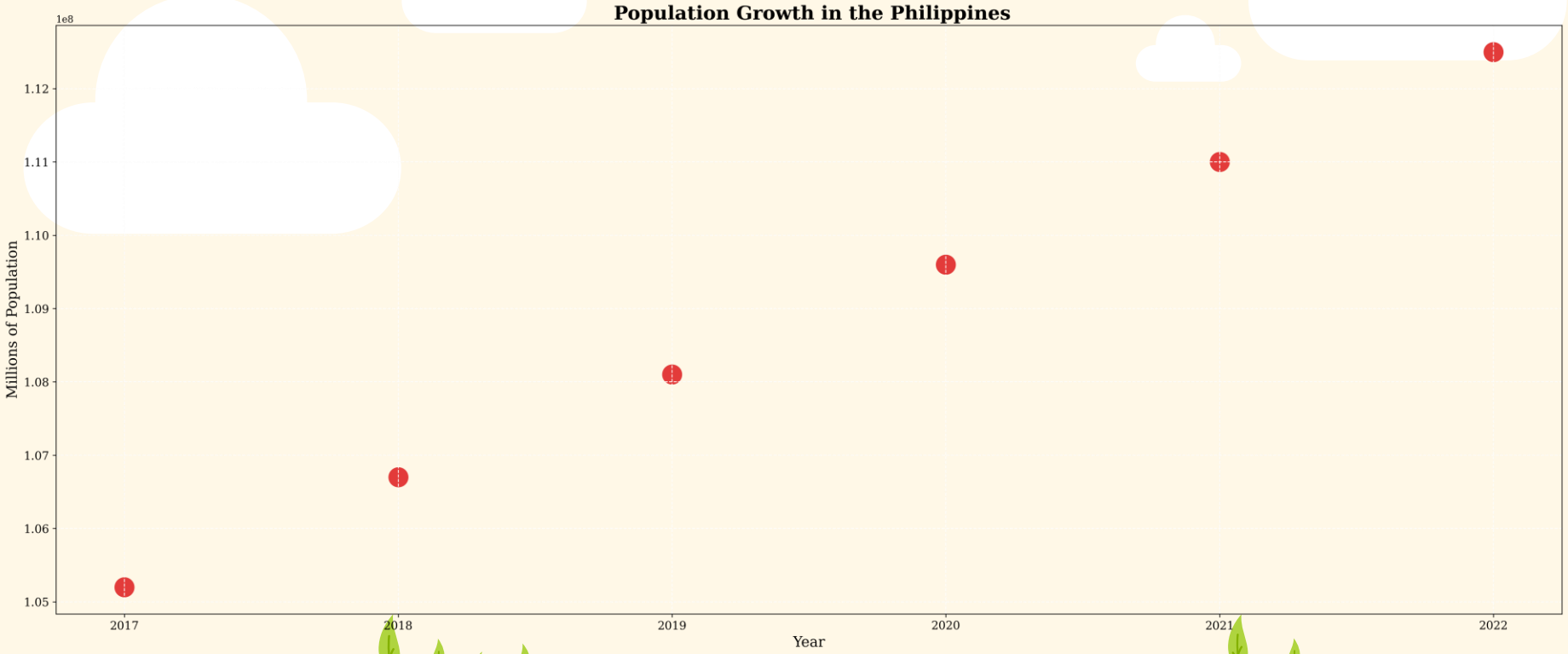
3

Growing Population and Poverty.

One of Juan's daughter got pregnant and she only relies to her parents, whom only Juan is working. Juan's family are growing to a bigger one which is why he needs more money to survive and buy all their needs for every day. Sometimes, Juan skips his meals, just for everyone to have something to eat.

POPULATION GROWTH IN THE PHILIPPINES

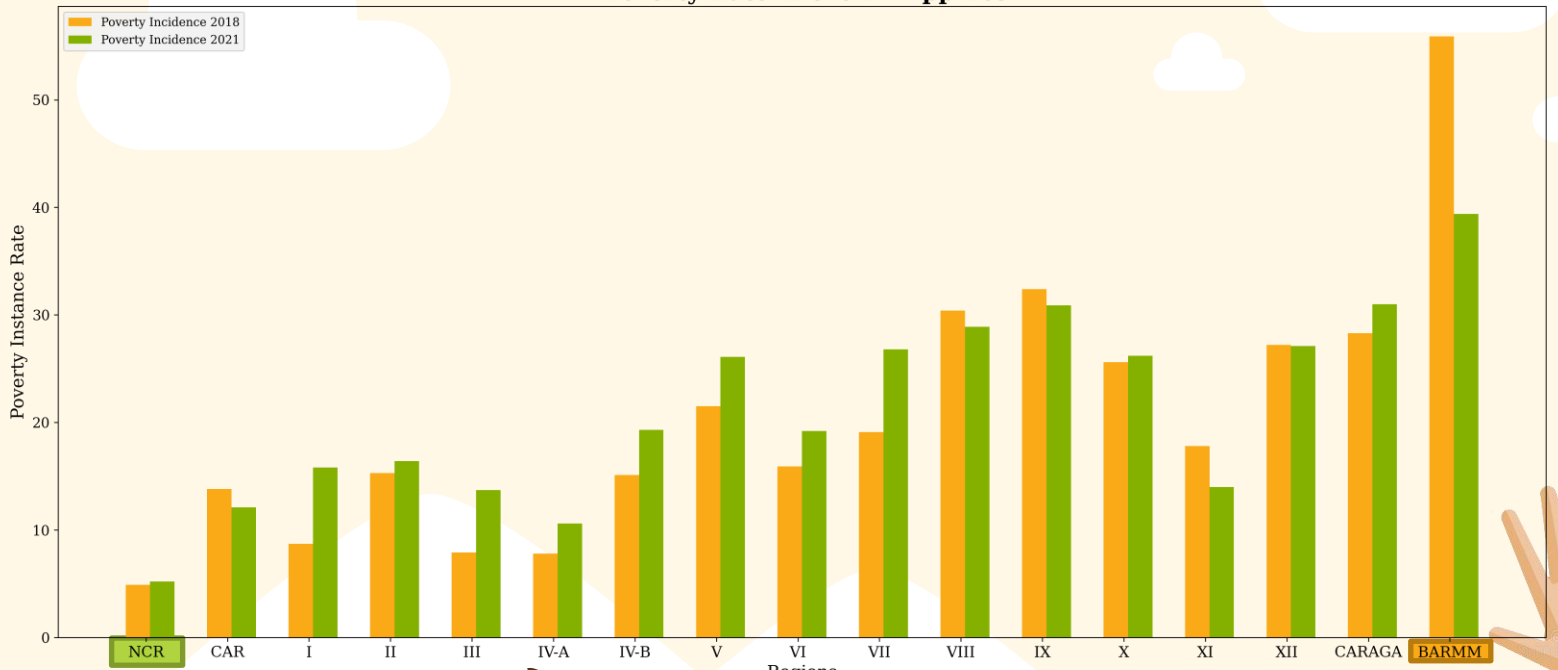
Source: United Nations Data



REACH TO 112 MILLION BY THE END OF THIS YEAR

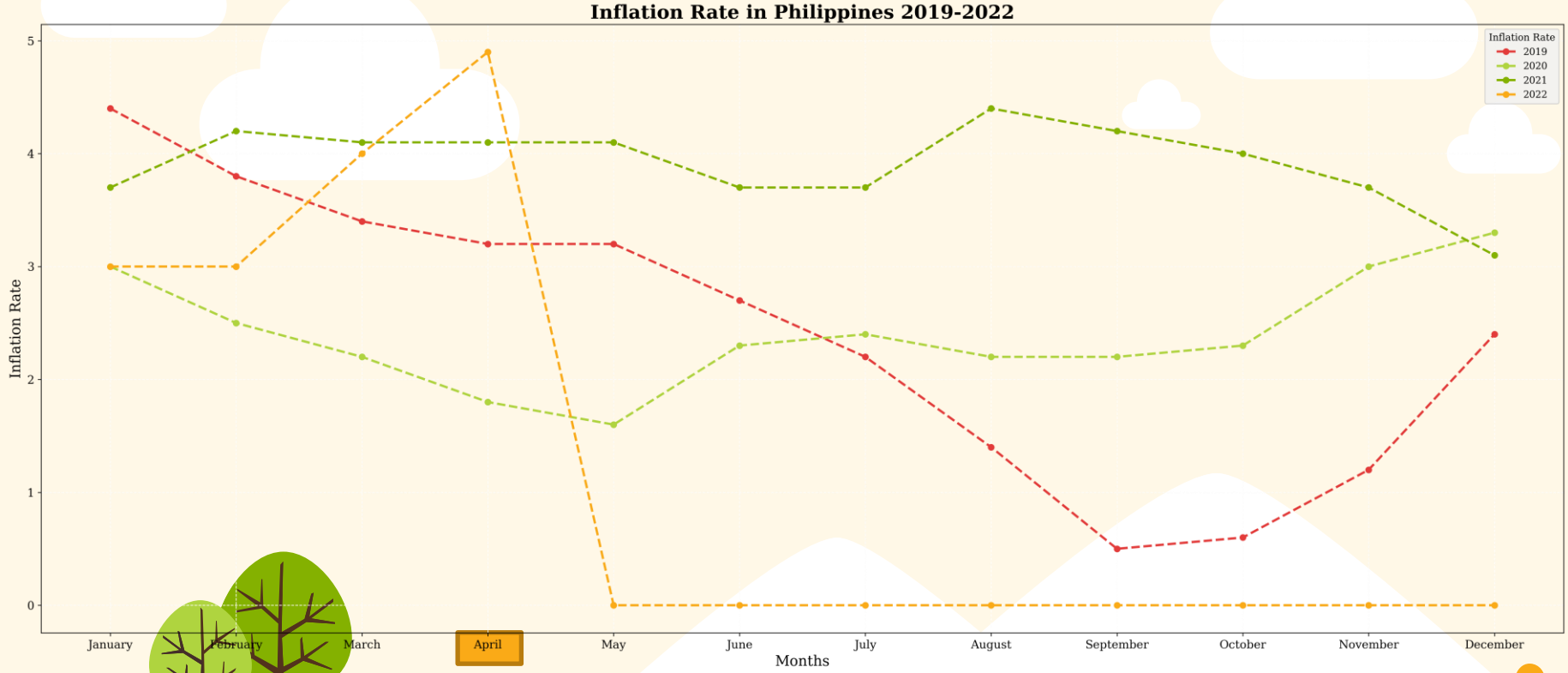
Poverty in the Philippines

Source: Philippine Statistics Authority



Inflation Rate in the Philippines

Source: Philippine Statistics Authority



METHODS

DATA VISUALIZATIONS USED ARE AS FOLLOWS:

1. Bar Chart
2. Line Plots
3. Scatter Plot
4. Lollipop Plot
5. Pie Chart

DATA VISUALIZATIONS USED ARE AS FOLLOWS:

6

Linear Regression Model

7

Correlation Matrix

8

Heatmap

9

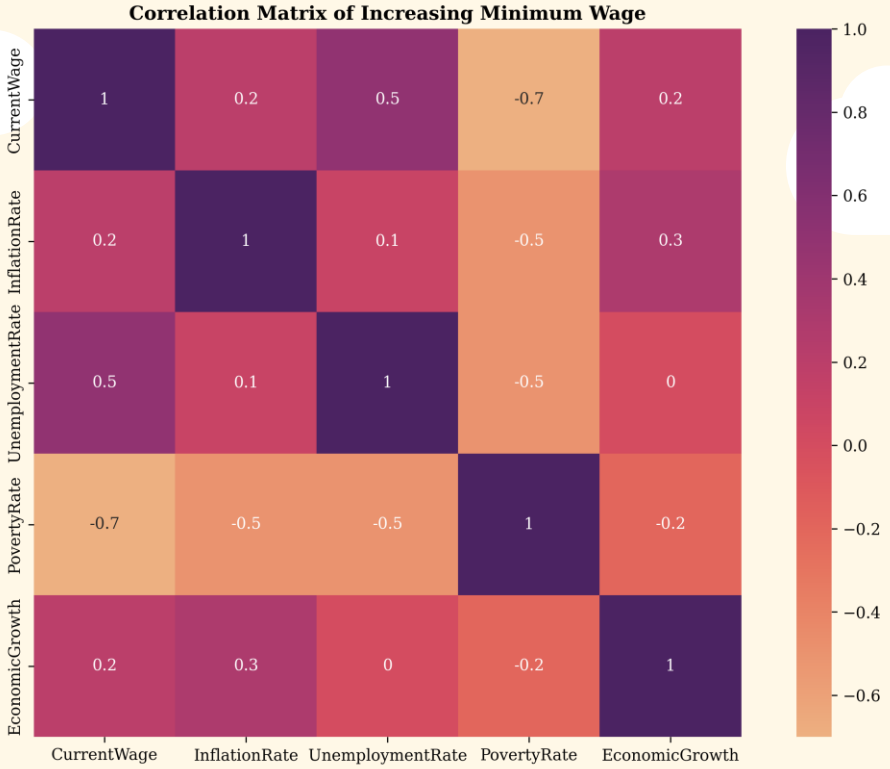
Colorbar

Method # 1:

Correlation Analysis

Correlation Matrix for Minimum Wage

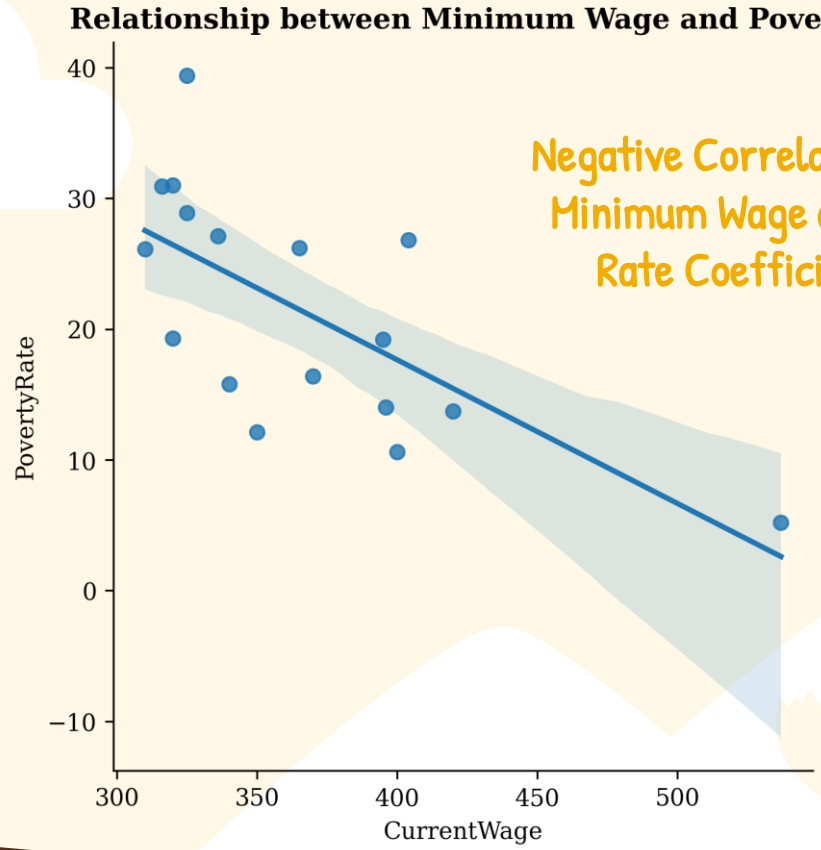
Dataset Source: Philippine Statistics Authority



Method # 2:

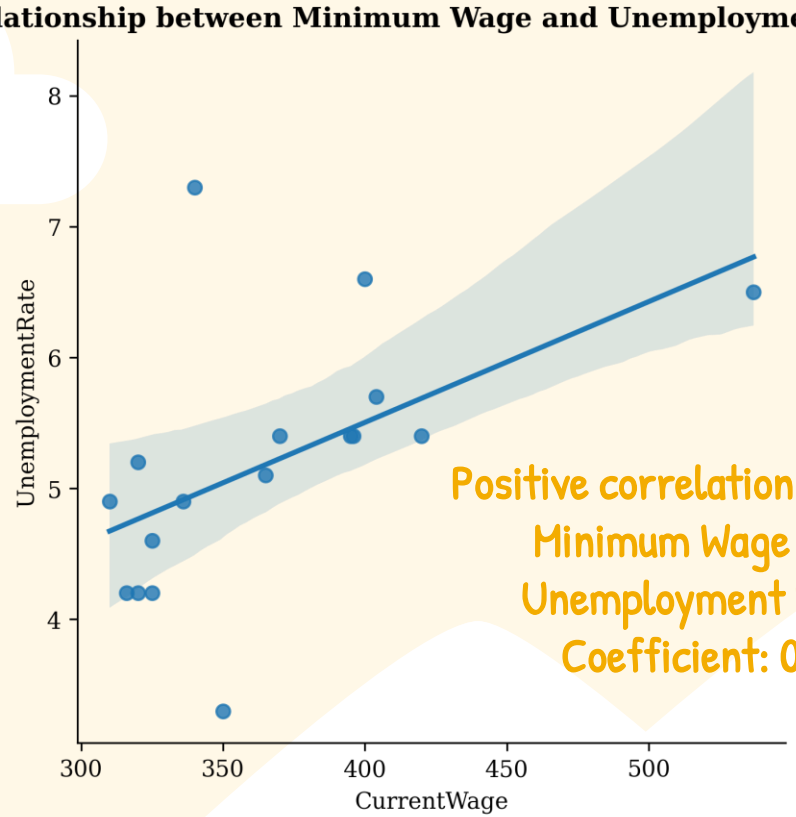
Linear Regression

Minimum Wage Vs. Poverty in the Philippines



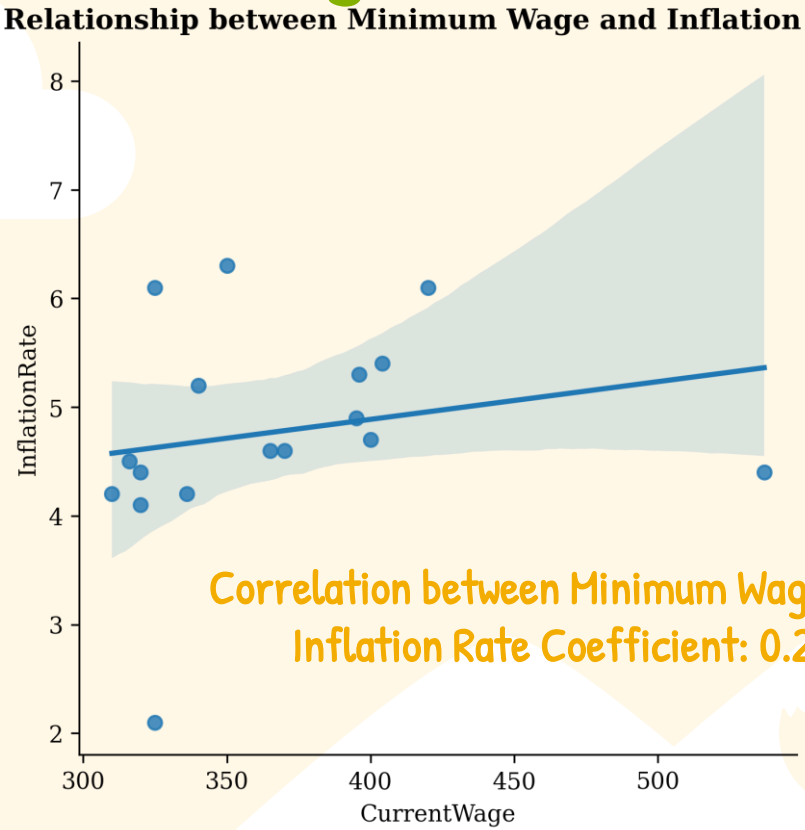
Negative Correlation between Minimum Wage and Poverty Rate Coefficient: -0.7

Minimum Wage Vs. Unemployment Rate



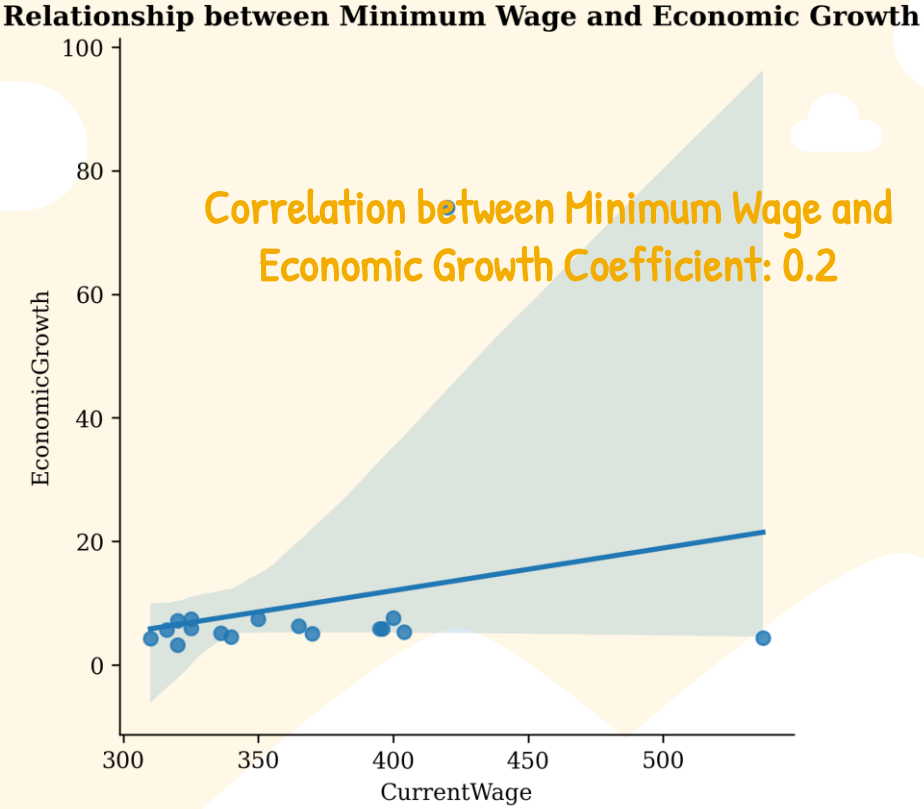
Positive correlation between Minimum Wage and Unemployment Rate Coefficient: 0.5

Minimum Wage Vs. Inflation Rate



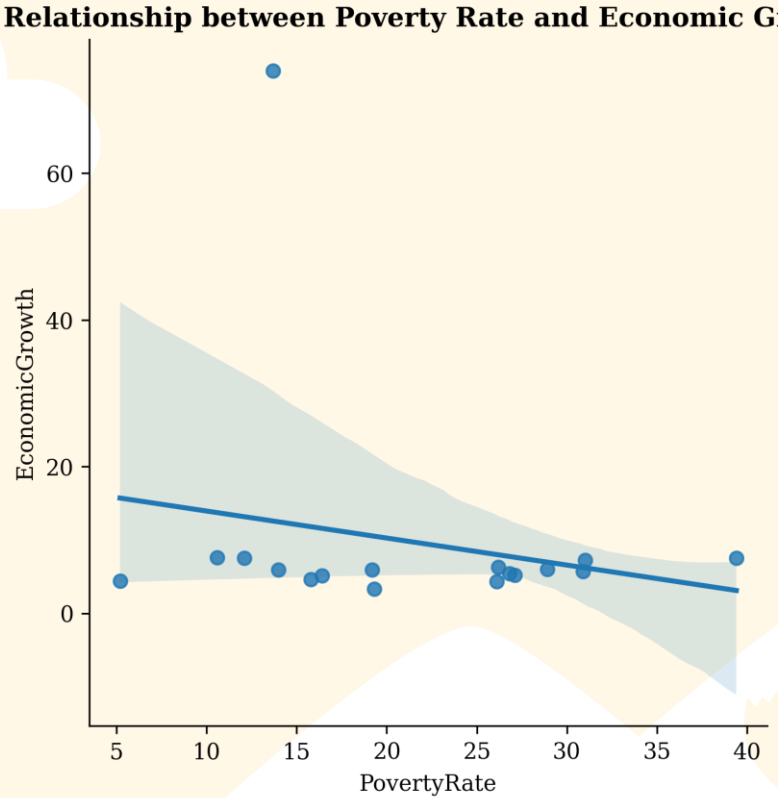
Correlation between Minimum Wage and Inflation Rate Coefficient: 0.2

Minimum Wage Vs. Economic Growth



Correlation between Minimum Wage and Economic Growth Coefficient: 0.2

Poverty Rate Vs. Economic Growth



Expected Output and Recommendation

To create an **ACTION PLAN** that includes Labor Policies and Training for Filipino workers

LABOR POLICIES IN INCREASING MINIMUM WAGE

1. Examine a company's ability and means to execute the legislated minimum wage.

2. Evaluate the employee's needs, and of their families, status, cost of living and;

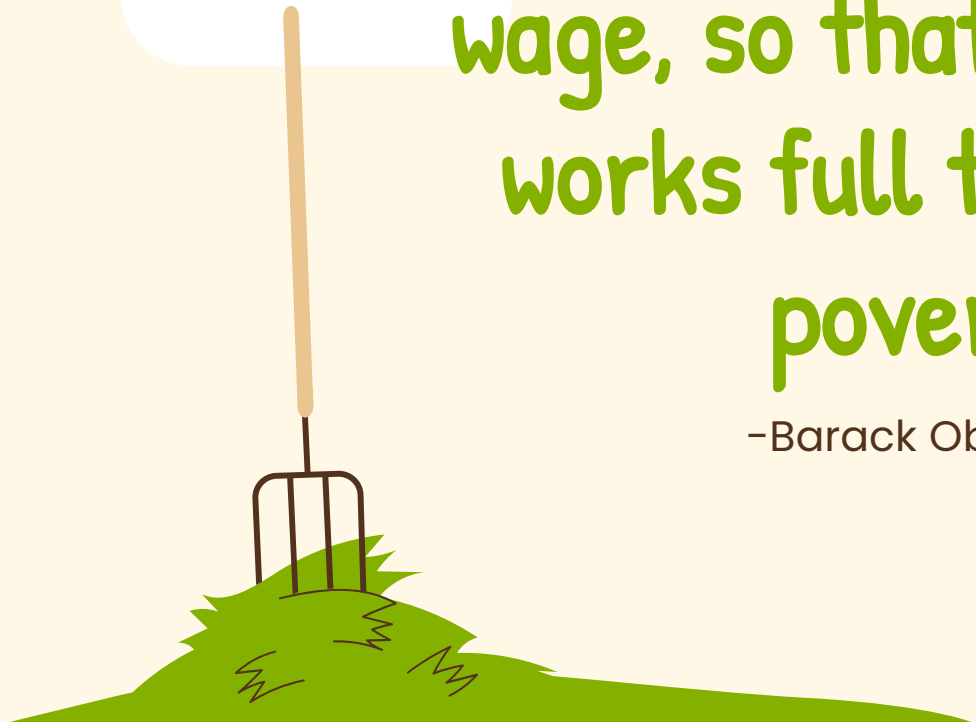
3. Minimum wage should be adjusted on a regular basis depending on economic factors and changes today.

TRAININGS FOR FILIPINO WORKERS

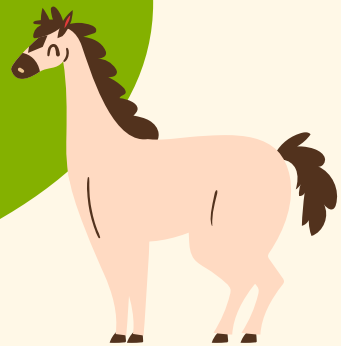
As raising the minimum wage has a significant impact on worker employment, such program will be established to assist these Filipinos in improving and honing their skills in order to earn a livelihood.

"We should raise the minimum wage, so that no one who works full time live in poverty."

-Barack Obama



Thank you!

MEMBERS:

Keith Dexter Aguilar
Cesar Edgardo Bicol Jr.
Kryzle Rahne Enriquez
John Matthew Ortega
David Jezzrel Ramirez