The Madrigal's

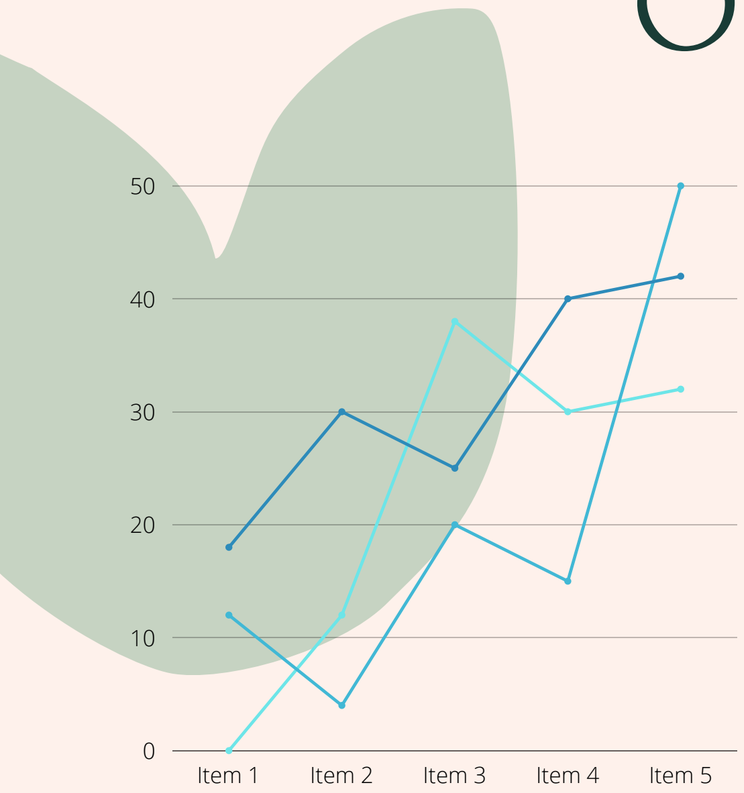
HUNGER

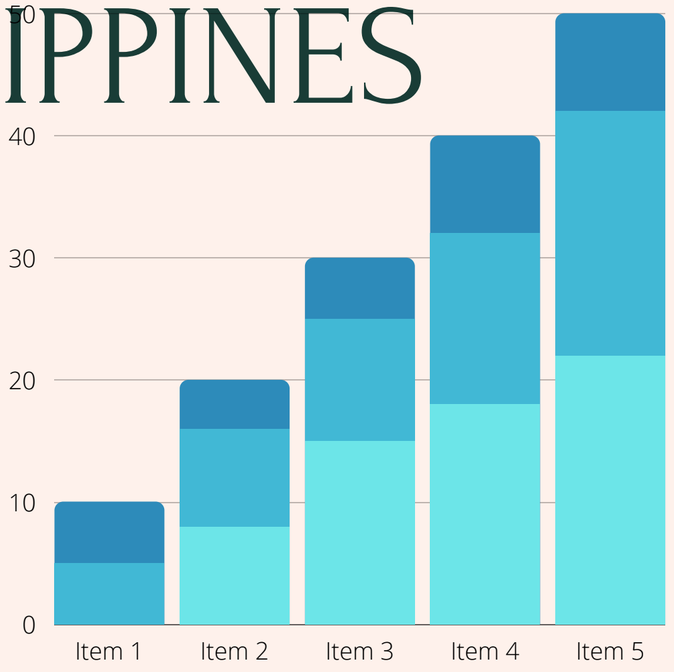
WE'RE HUNGRY!

POVERTY

OVER POPULATED

EXPLORATORY DATA ANALYSIS OF THE POPULATION GROWTH RATE IN THE PHILIPPINES





REPUBLIC OF THE PHILIPPINES

PHILIPPINE STATISTICS AUTHORITY

THE WORLD BANK

IBRD • IDA | WORLD BANK GROUP

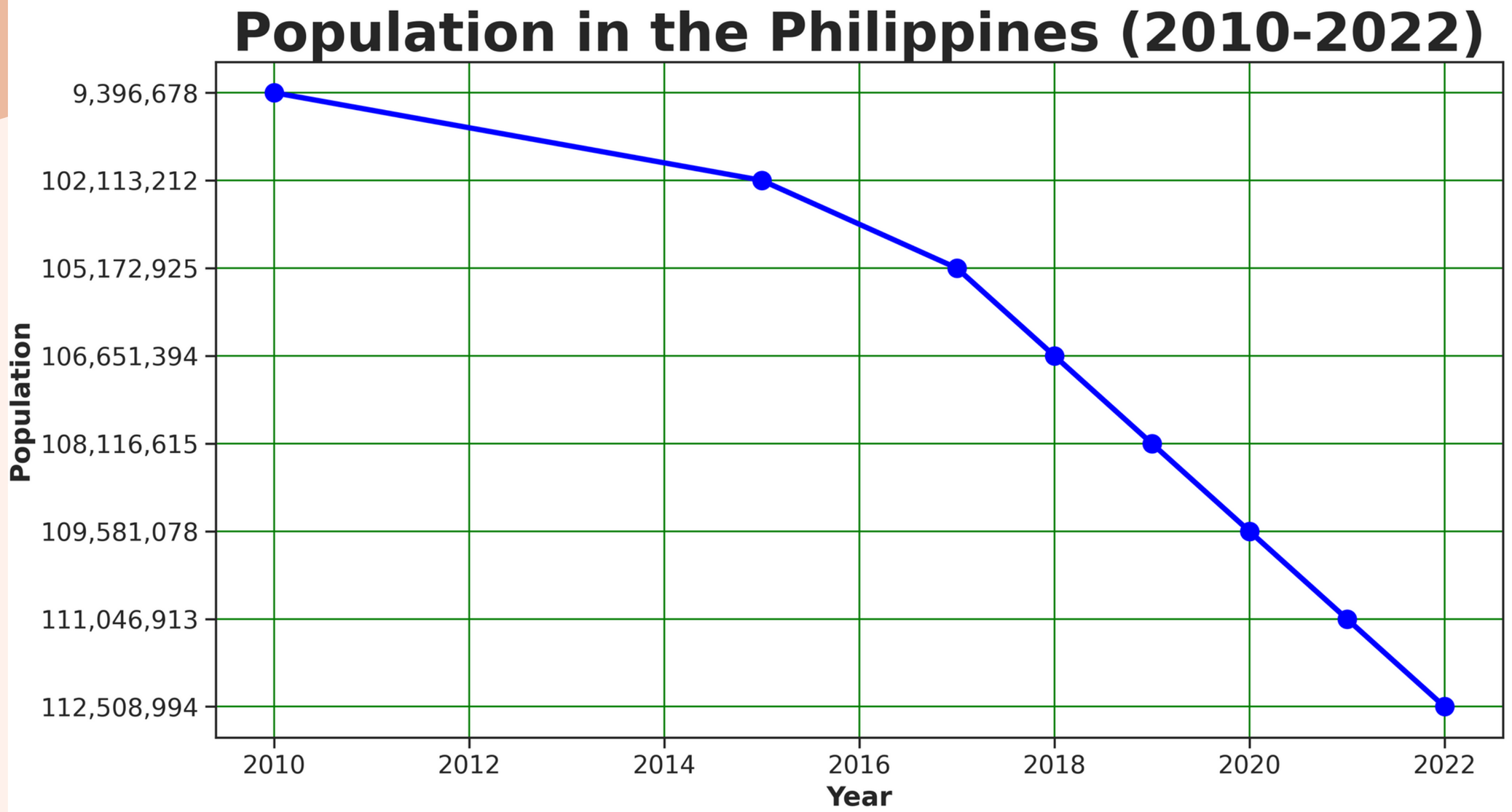
macrotrends

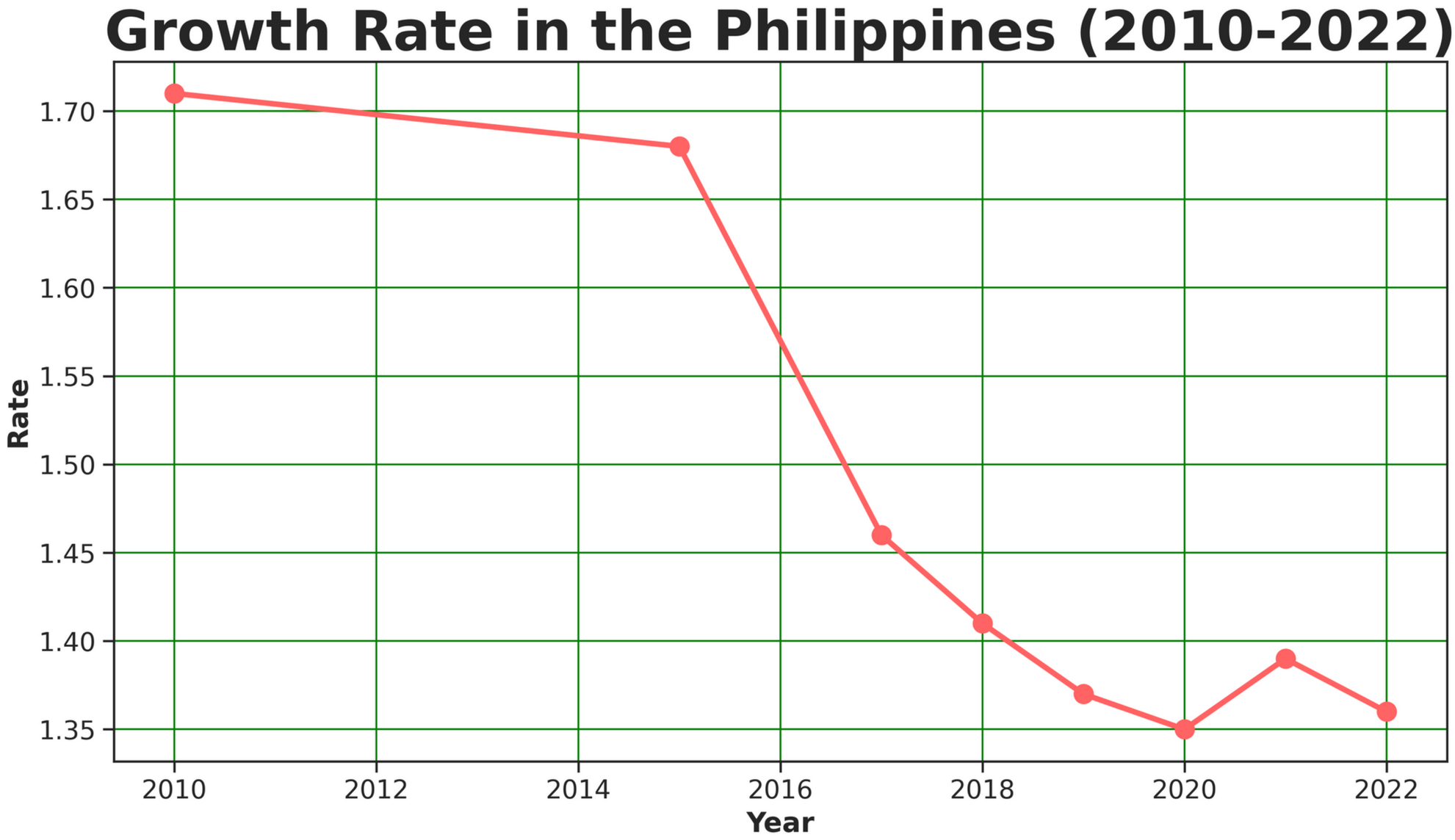
2
ZERO
HUNGER

11
SUSTAINABLE CITIES
AND COMMUNITIES

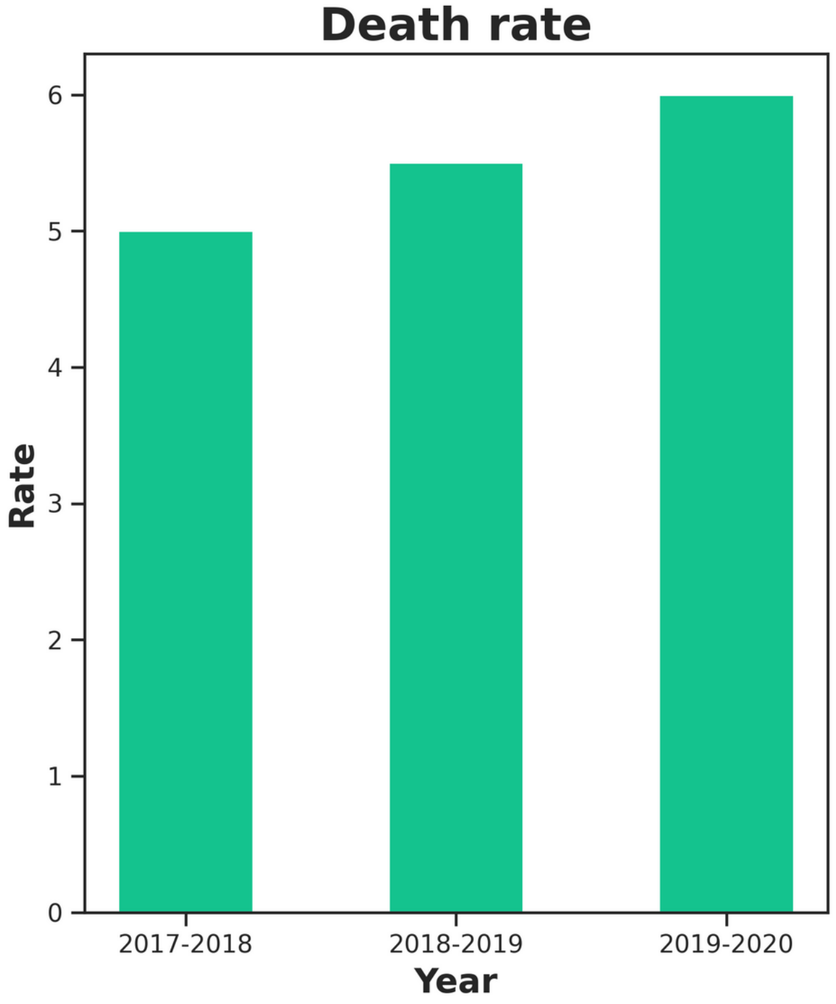
PROBLEM STATEMENT

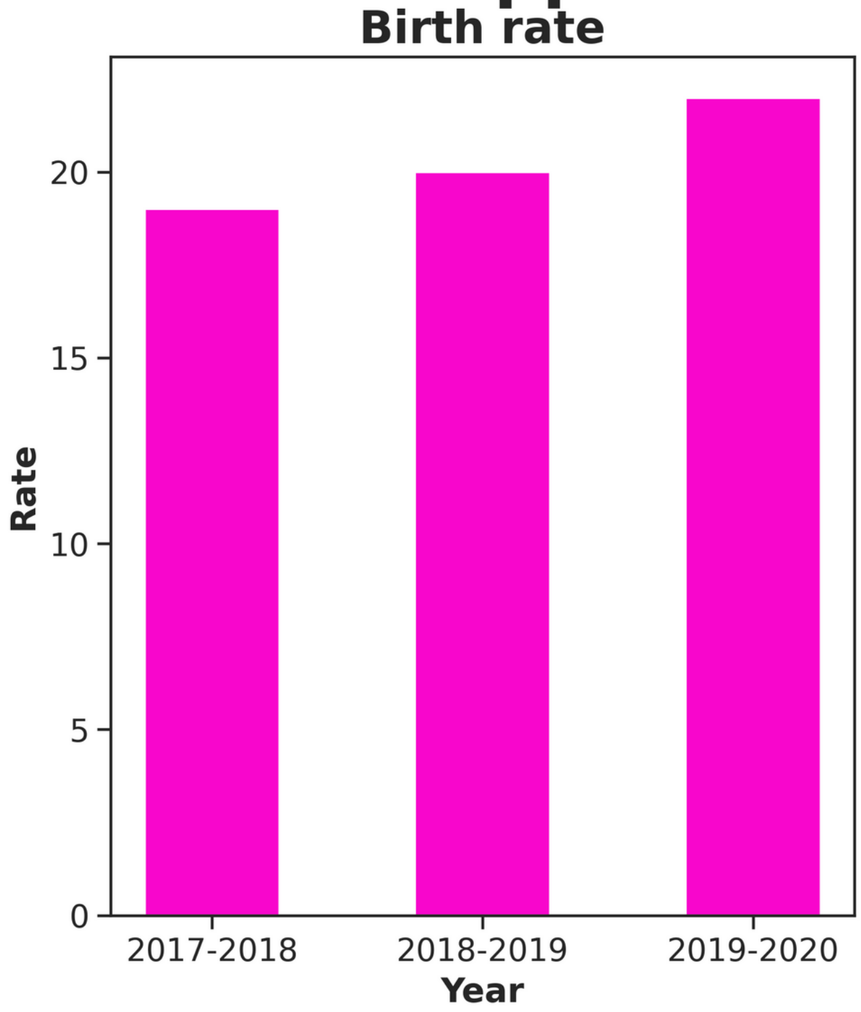
The primary issue that this project would tackle is the increasing population rate in the Philippines and how it is affecting the daily lives of the Filipino people


Population in the Philippines (2010-2022)
Population
9,396,678
102,113,212
105,172,925
106,651,394
108,116,615
109,581,078
111,046,913
112,508,994
2010
2012
2014
2016
2018
2020
2022
Year

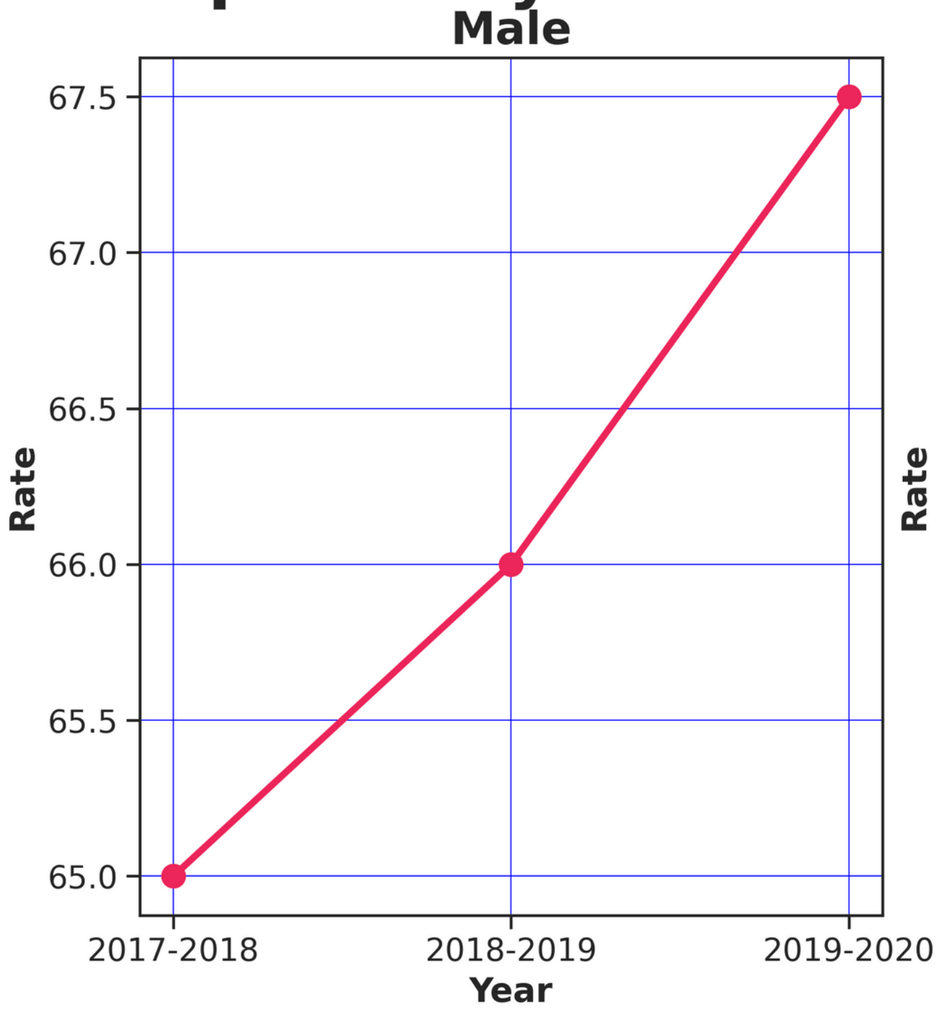

Growth Rate in the Philippines (2010-2022)
Rate
1.70
1.65
1.60
1.55
1.50
1.45
1.40
1.35
2010
2012
2014
2016
2018
2020
2022
Year

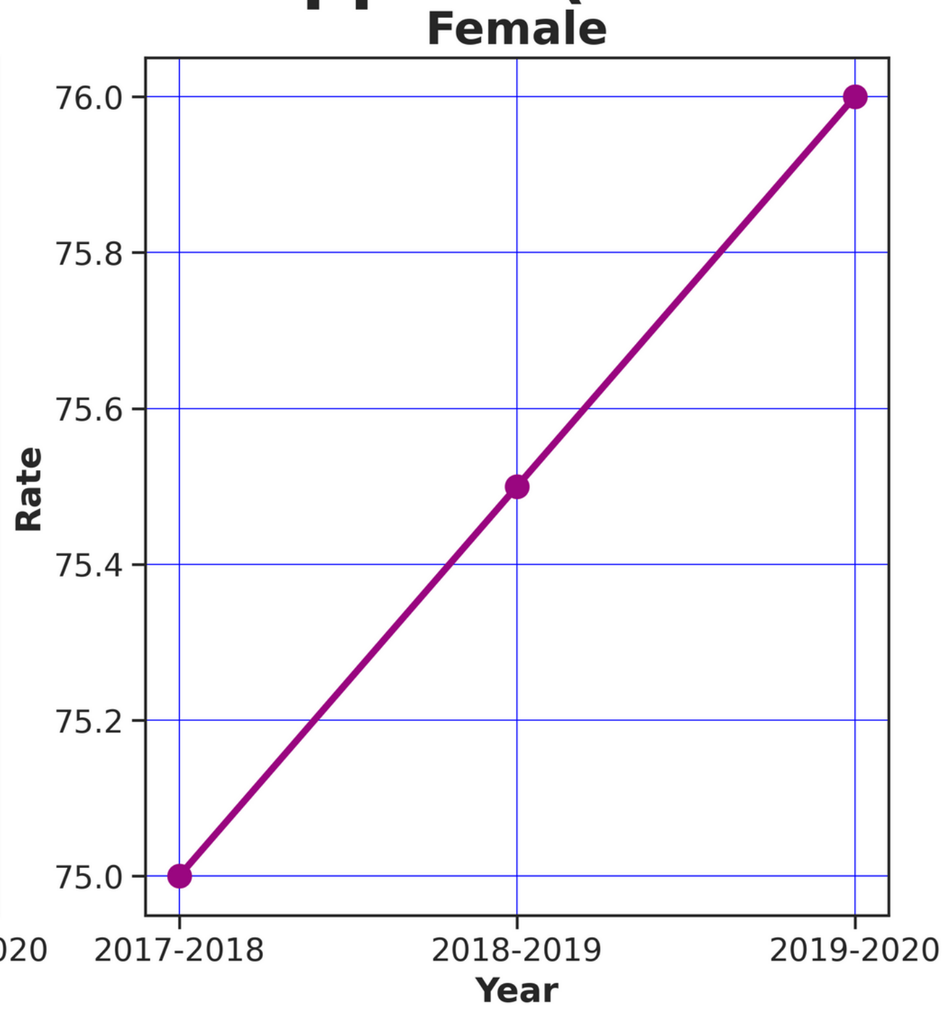
Birth and Death rate in the Philippines

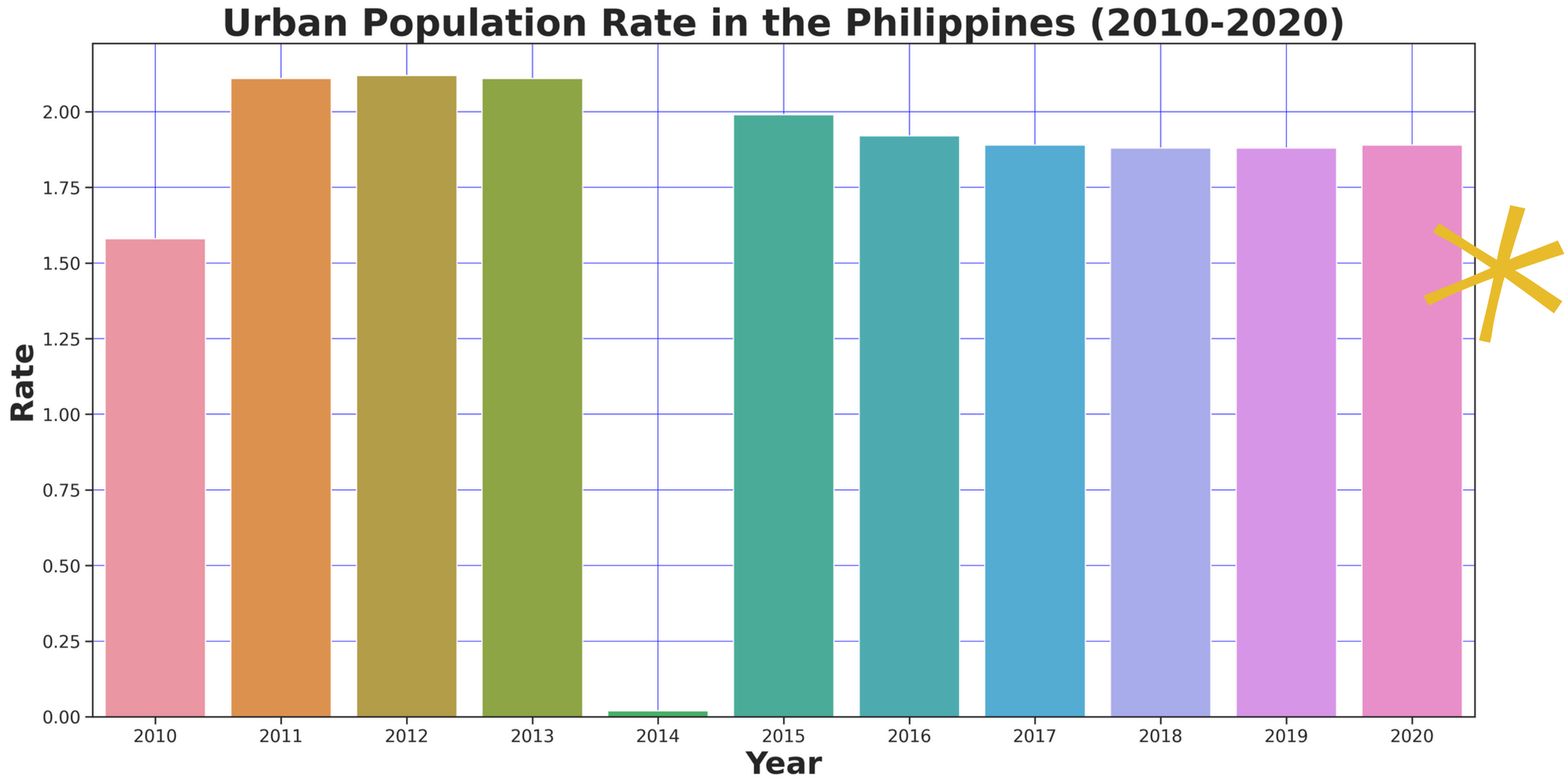


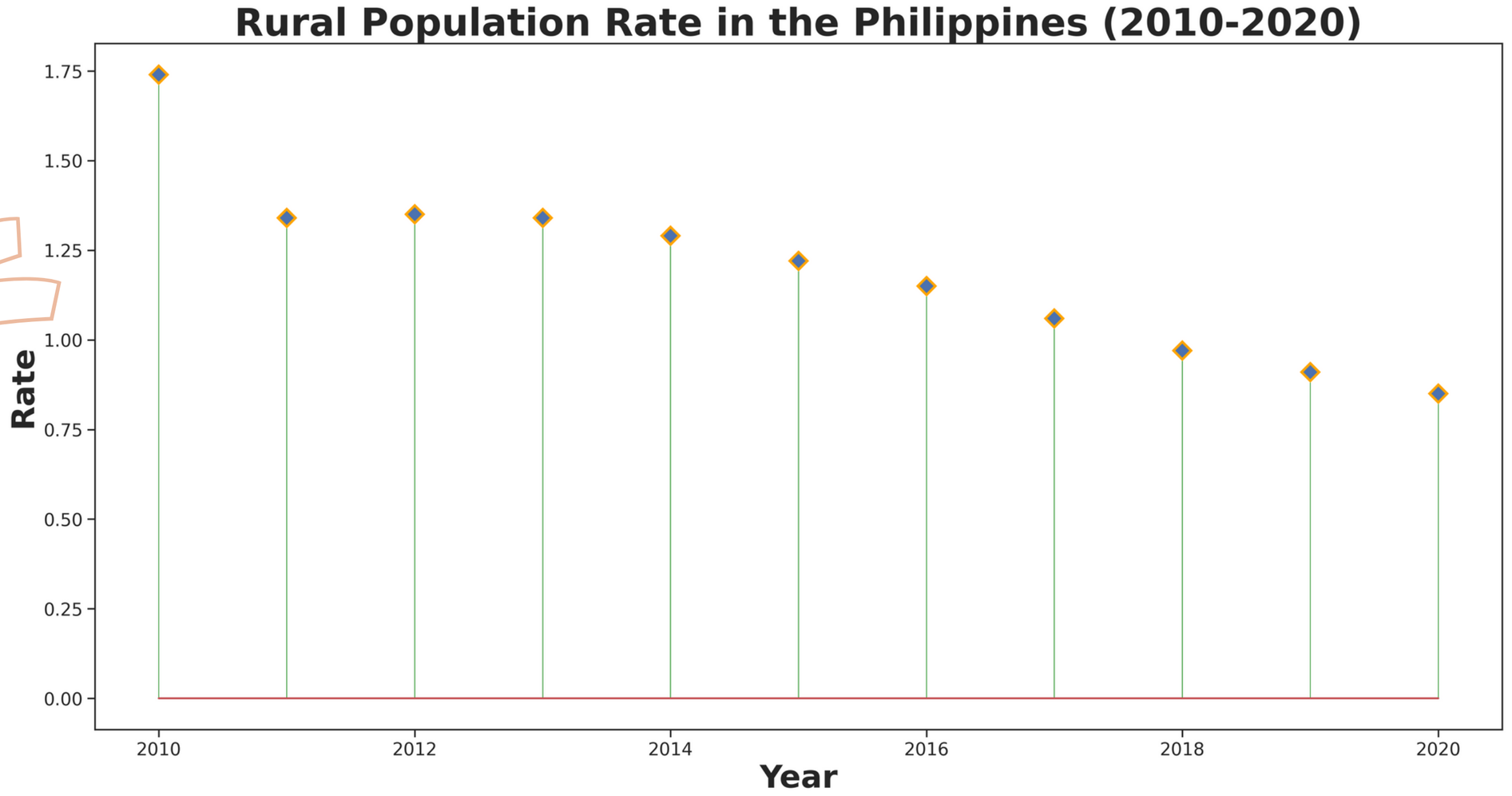


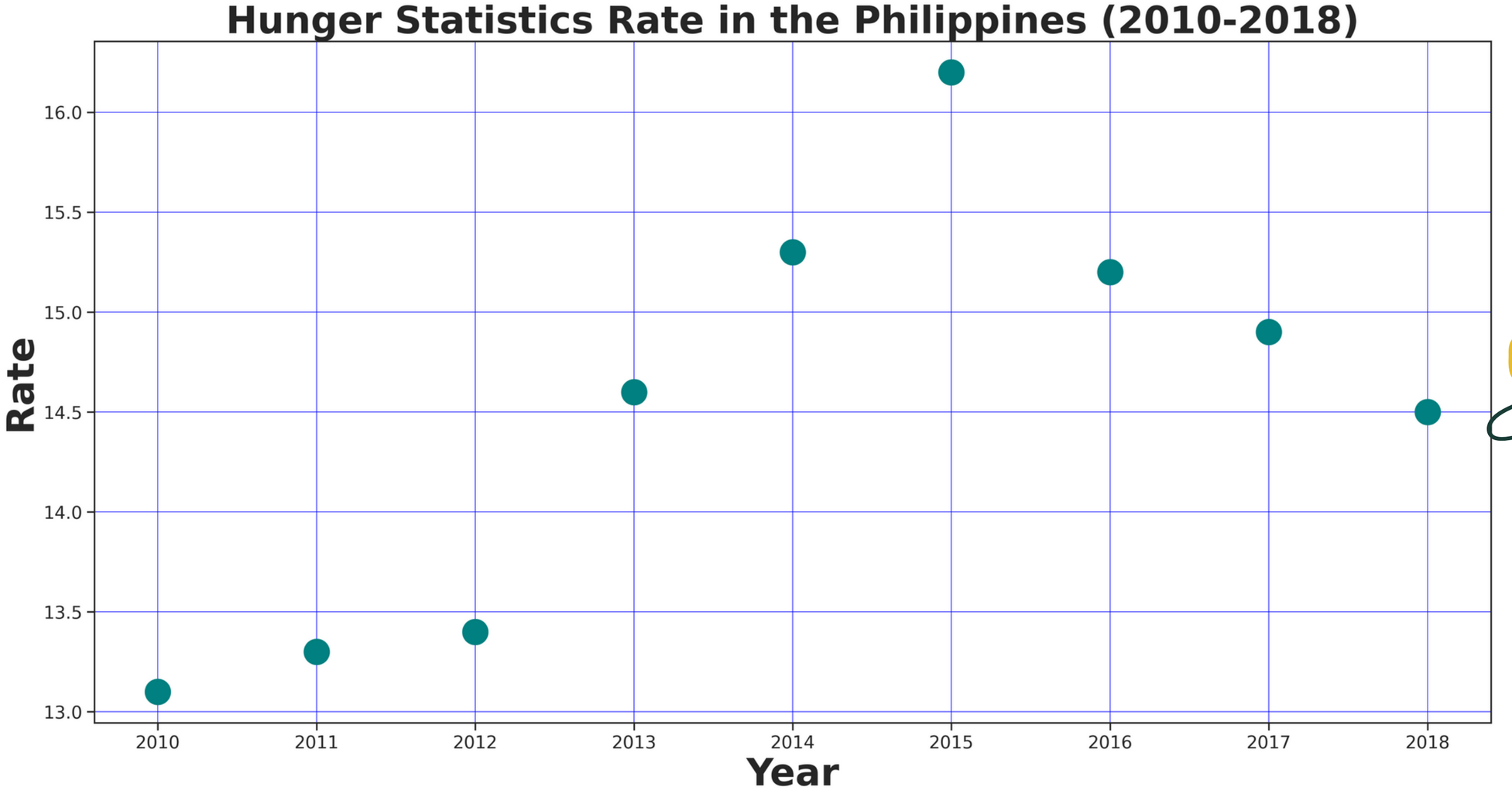
Life Expectancy Rate in the Philippines(2017-2020)

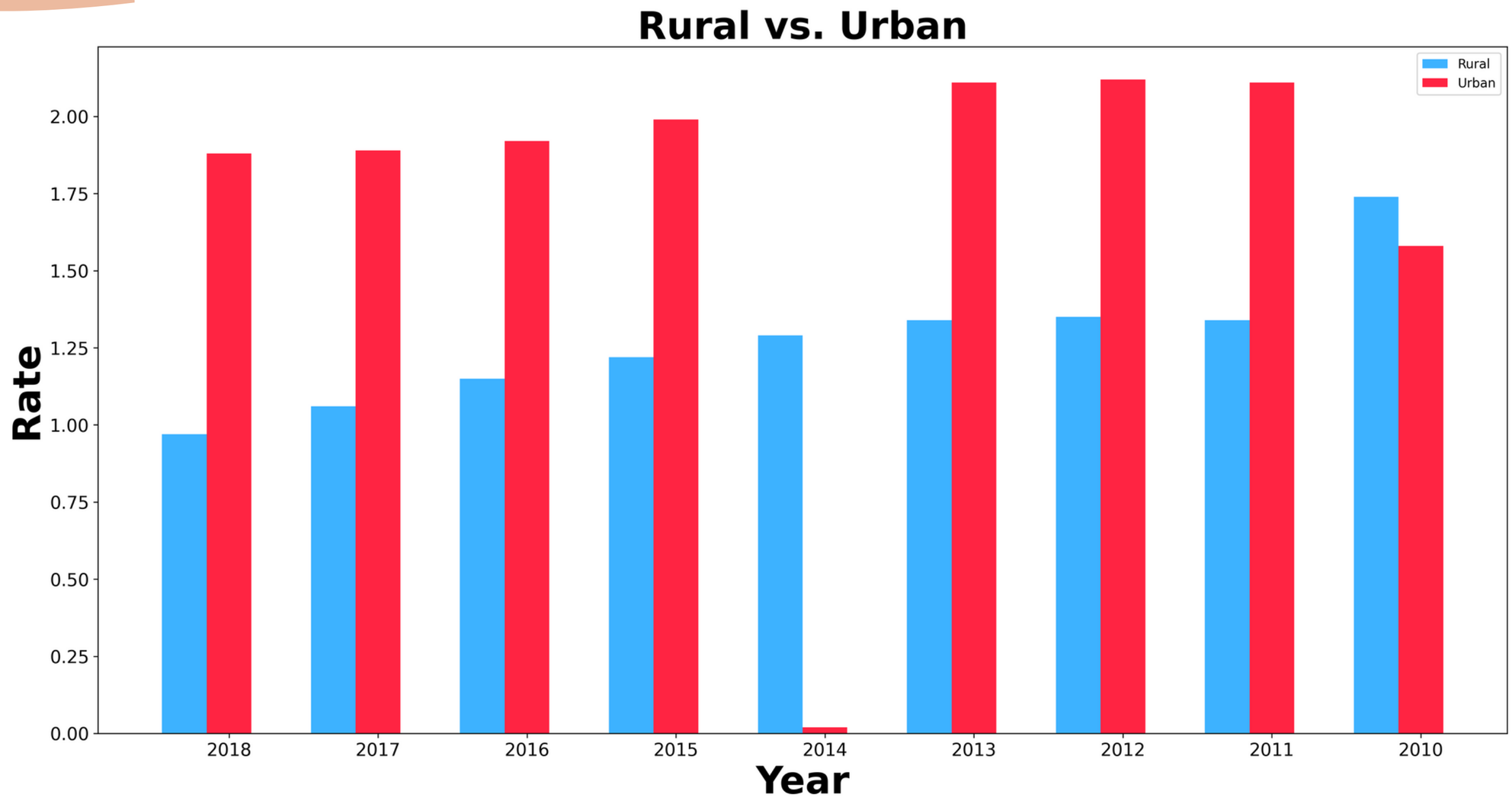


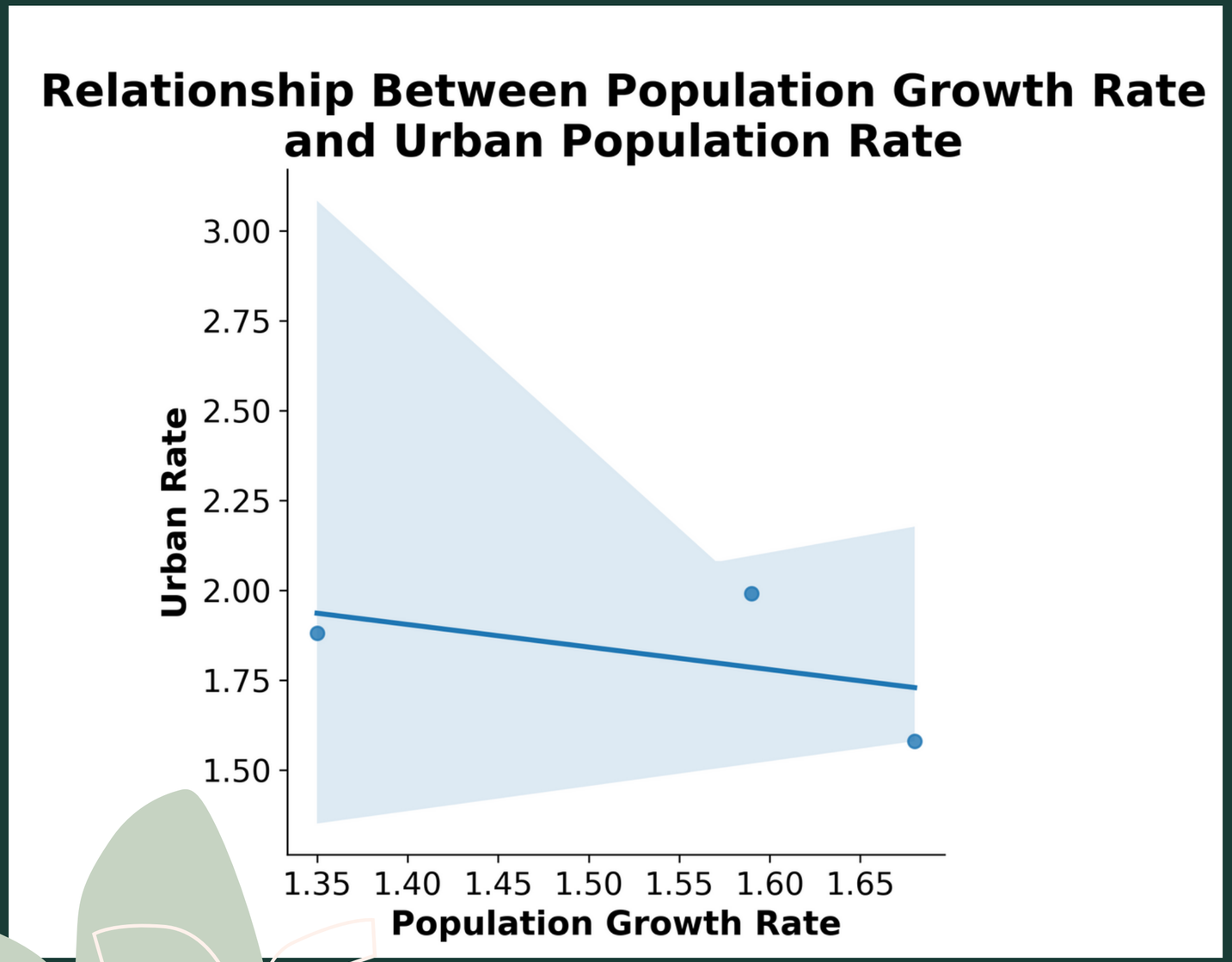



Urban Population Rate in the Philippines (2010-2020)
Rate
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
Year


Rural Population Rate in the Philippines (2010-2020)
Rate
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
2010
2012
2014
2016
2018
2020
Year

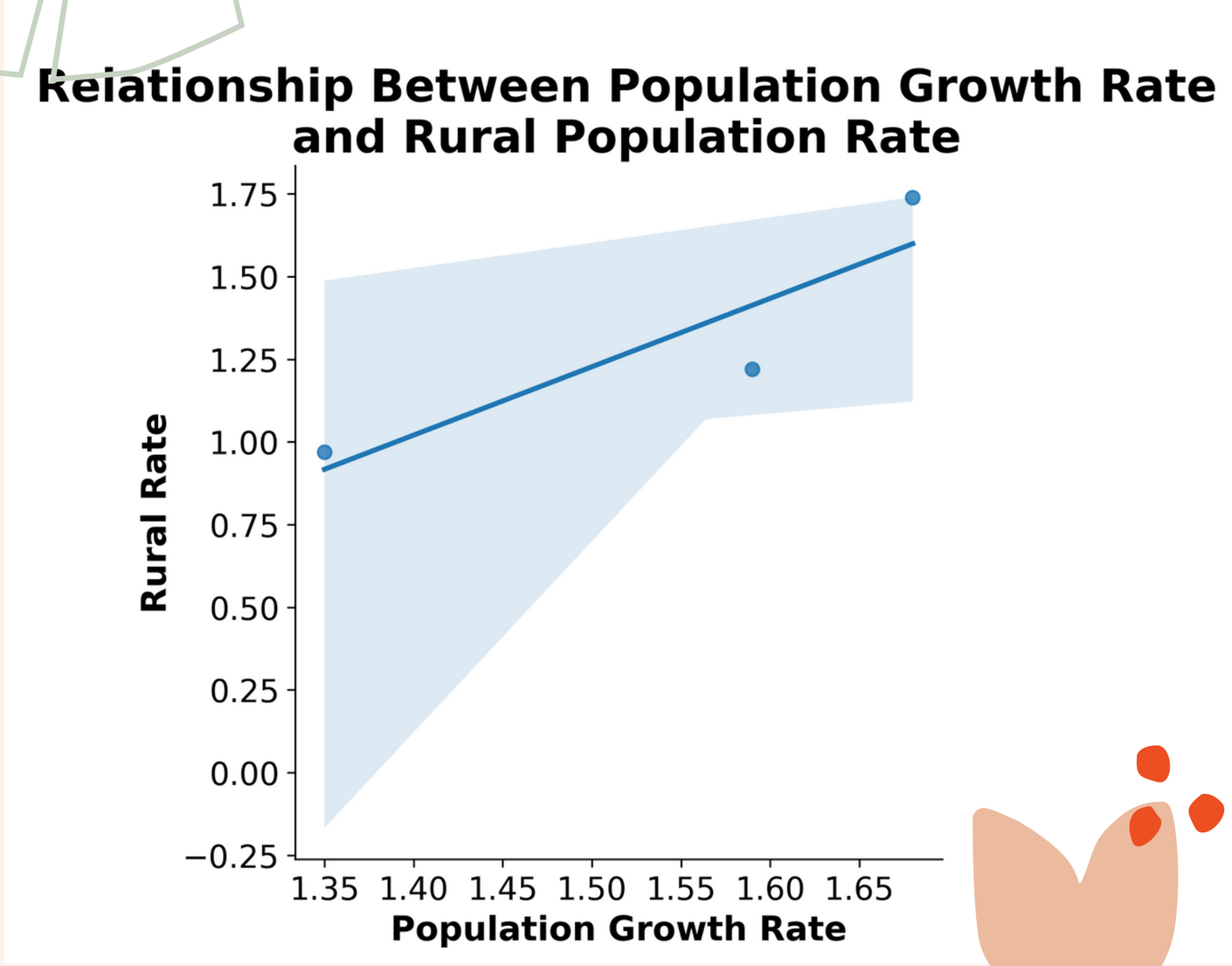

Hunger Statistics Rate in the Philippines (2010-2018)
Rate
16.0
15.5
15.0
14.5
14.0
13.5
13.0
2010
2011
2012
2013
2014
2015
2016
2017
2018
Year

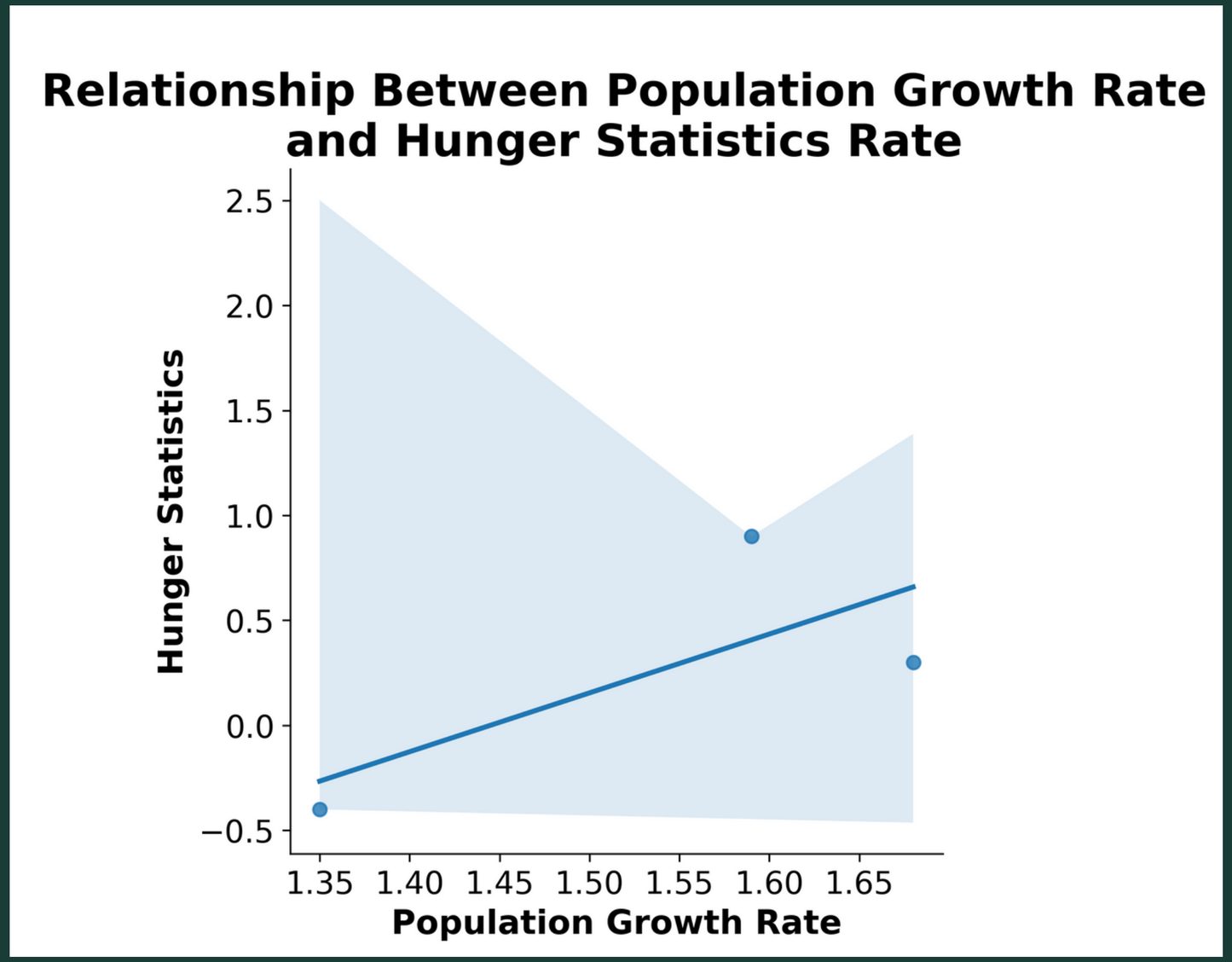

Rural vs. Urban
Rural
Urban
Rate
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
2018
2017
2016
2015
2014
2013
2012
2011
2010
Year



Negative Correlation between Population Growth Rate and Urban Population Rate

Positive Correlation between Population Growth Rate and Rural Population Rate





Positive Correlation between Population Growth Rate and Hunger Statistics

RECOMMENDATION

- To hold a family program planning
- Implement job-seeking events to those families who doesn't have enough income to sustain their family.
- LGUs and National Government should conduct more Food Donation drives and feeding programs
- Improve agriculture to boost income and build stronger food systems