



# Data Analysis Portfolio



# Table of Contents

- 1 Project Description
- 2 Key Questions
- 3 Findings & Insights
- 4 Summary of Findings
- 5 Recommended Actions

# Project Description

- This dataset delves into global suicide trends, incorporating both age-standardized and crude death rates from 1990 to 2022. While information on age and gender is not included in this specific version, it provides valuable insights into suicide patterns across countries and time periods.
- Economic indicators like GDP, GDP per capita, GNI, GNI per capita, inflation rates, and employment-to-population ratios are included to explore potential socio-economic influences on suicide rates.

## ● This will help us to:

- Identify what region across the globe ranks 1st on Suicide rates
- Identify what generation is at risk and what are the factors influence suicidal behaviors
- Analyze the effects of Economy (GDP, GNP) of a specific country affects suicide rates





# Key Questions

1 What gender among different regions is more likely to commit suicide?

2 What are the Top 20 Countries with highest suicide attempts.

3 What generation is at greatest risk for suicides?

4 What is the effect of Inflation and Unemployment rate to suicide intent?

Here's an example of a question.

5 "What is the average rate of suicide attempts which leads to death?"

# Findings & Insights



# Summary of Key Findings

## Key Findings #1

**Suicide Rates:** Includes data on suicide counts, cause-specific death percentages, and both:

**Age-Standardized Death Rate per 100,000:** This rate adjusts for population age differences, allowing for more accurate comparisons.

**Death Rate per 100,000 Population (Crude):** This provides the raw number of suicides per 100,000 people.

**Region & Country:** Identifies the geographic location of the data.

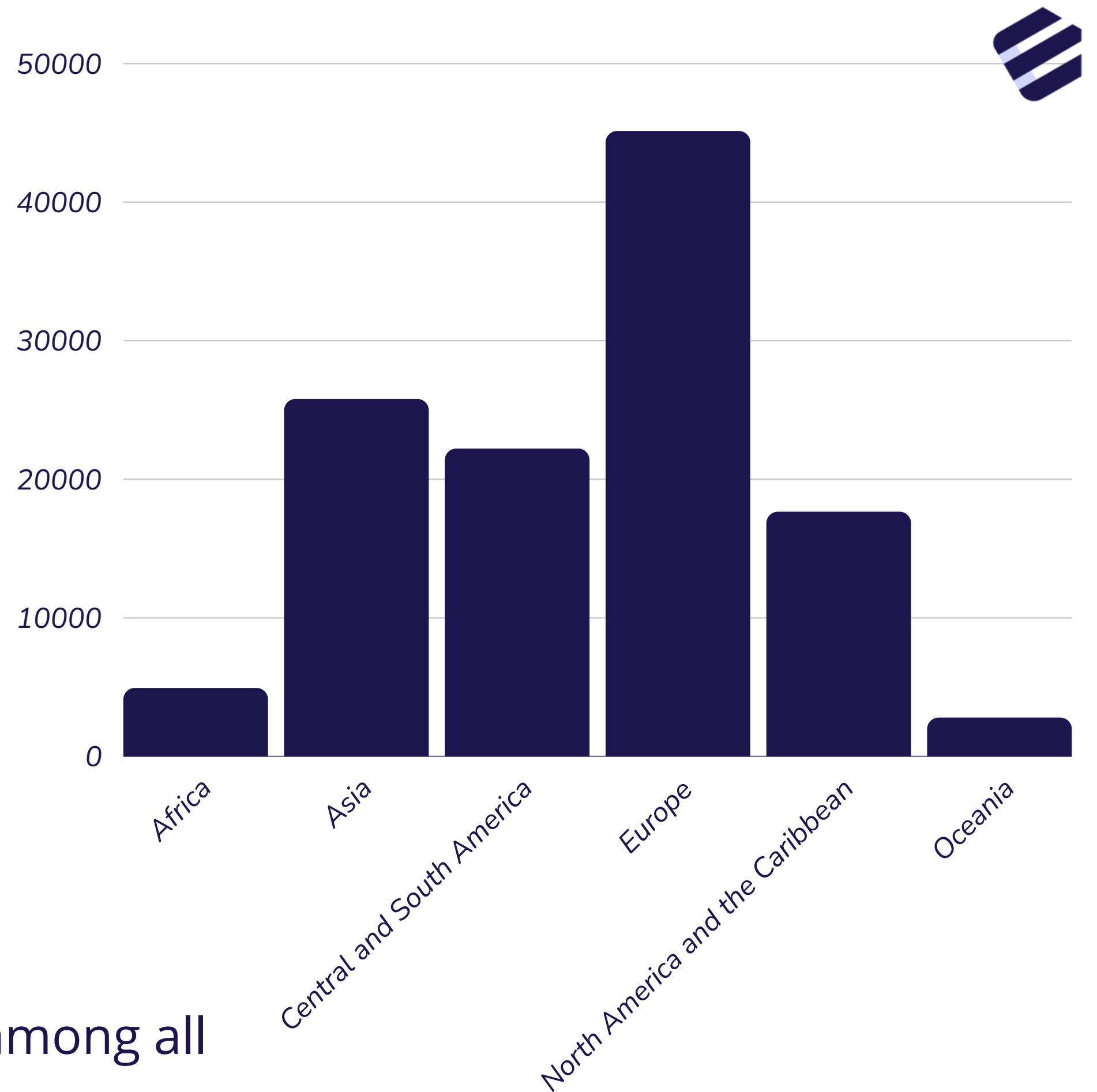
**Year:** Specifies the time period.

# Question #1

What regions ranks 1st in suicide attempts?

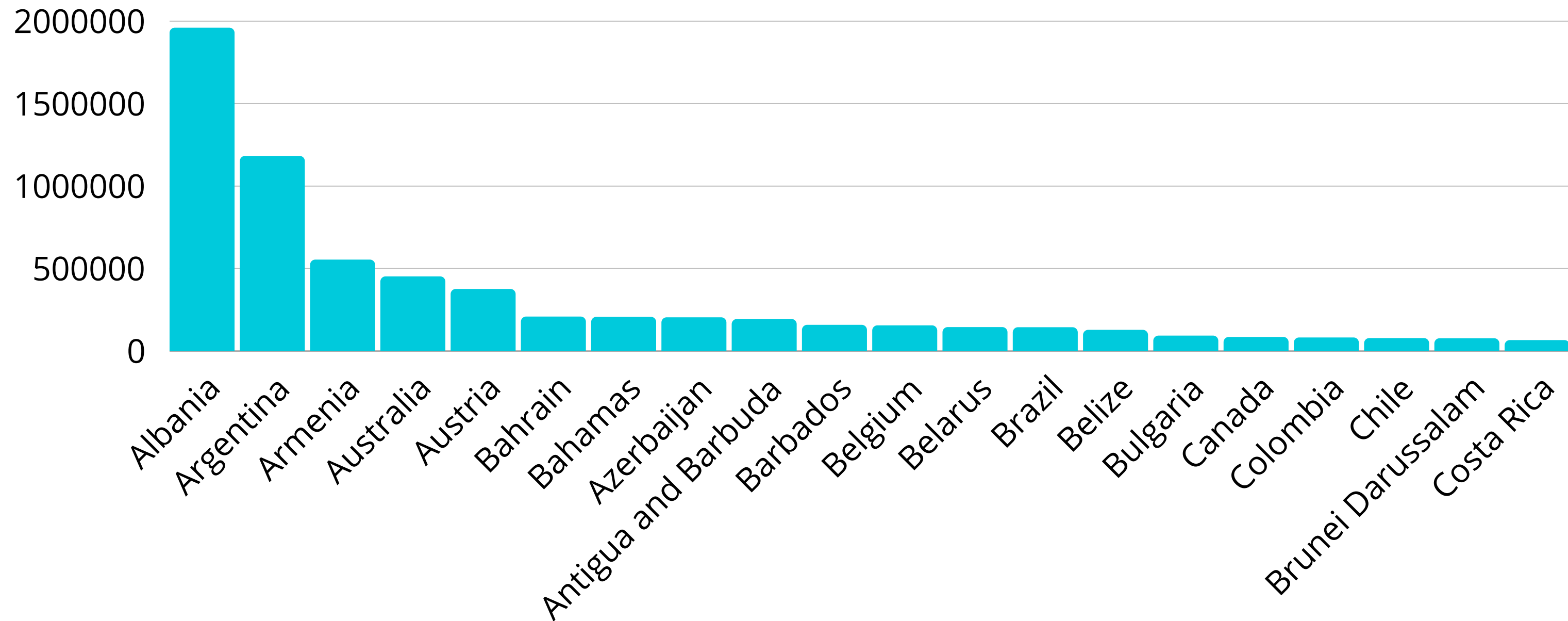
Europe has the highest suicide rates across different regions and Oceania ranks last

Europe has the second largest economy among all regions but ranks 1st on suicide rates.



# Question #2

What are the Top 20 Countries with highest suicide attempts?

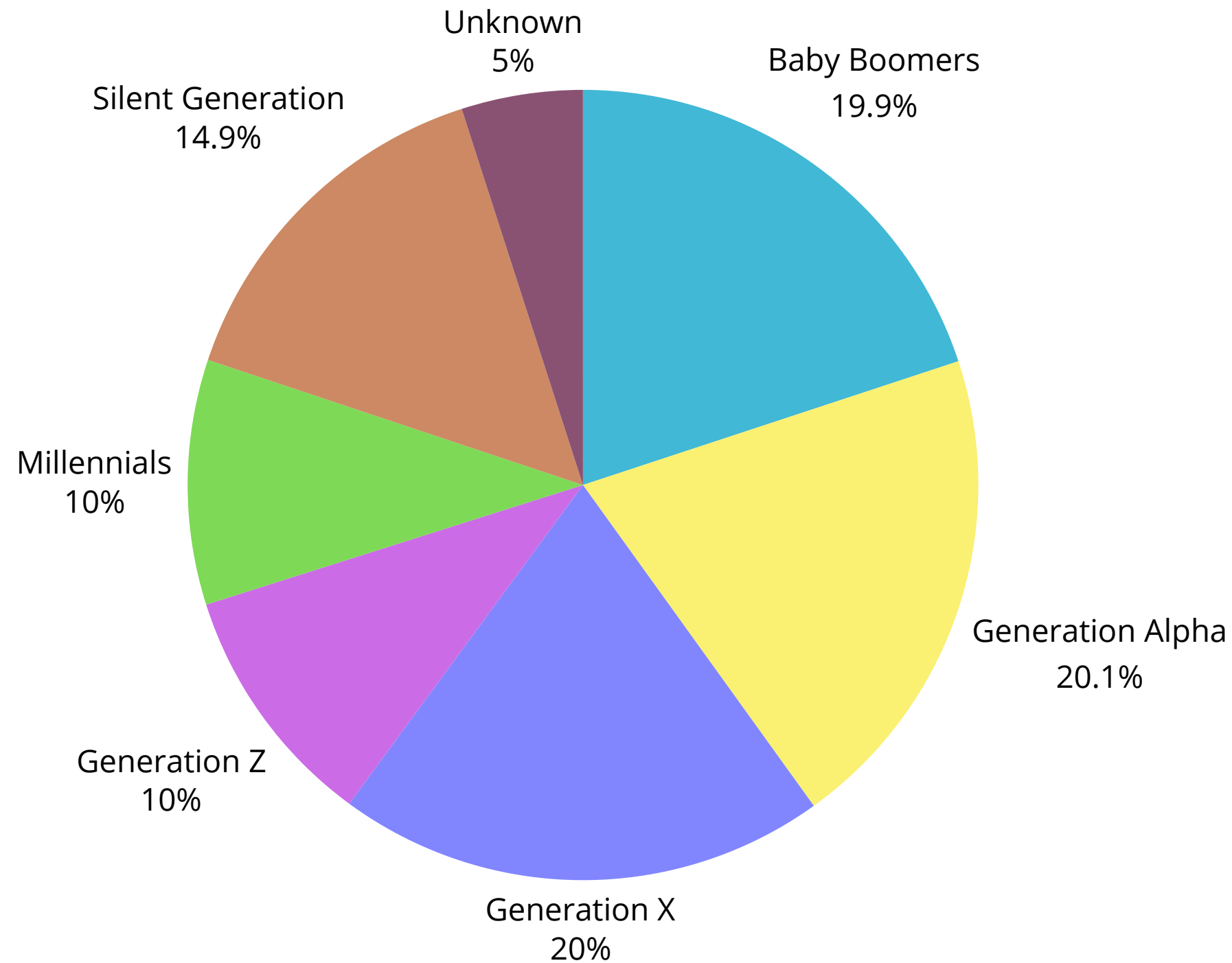


Albania ranks 1st among all countries with a percentage of 26.09% followed by Argentina with 15.74%



# Question #3

What generation is at greatest risk for suicides?

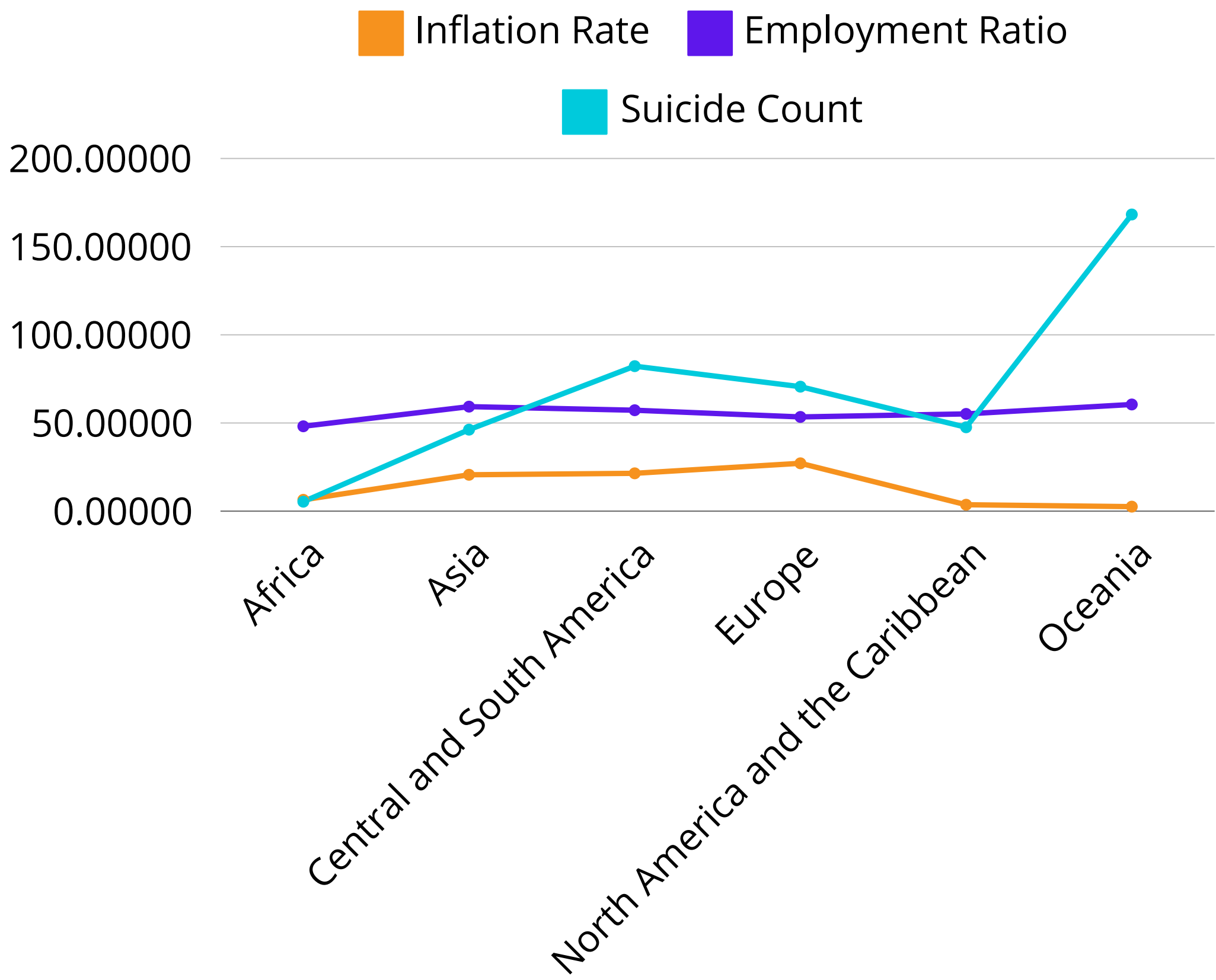


Generation Alpha are people who was born between the year 2010-2025

Alpha Generation is the most vulnerable generation. Influence on social media and social peers imposes great factors. While Generation X and Baby Boomers Generation is also at high risk with only 1%-2% difference from Generation Alpha.

# Question #4

What is the effect of Inflation and Unemployment rate to suicide intent?

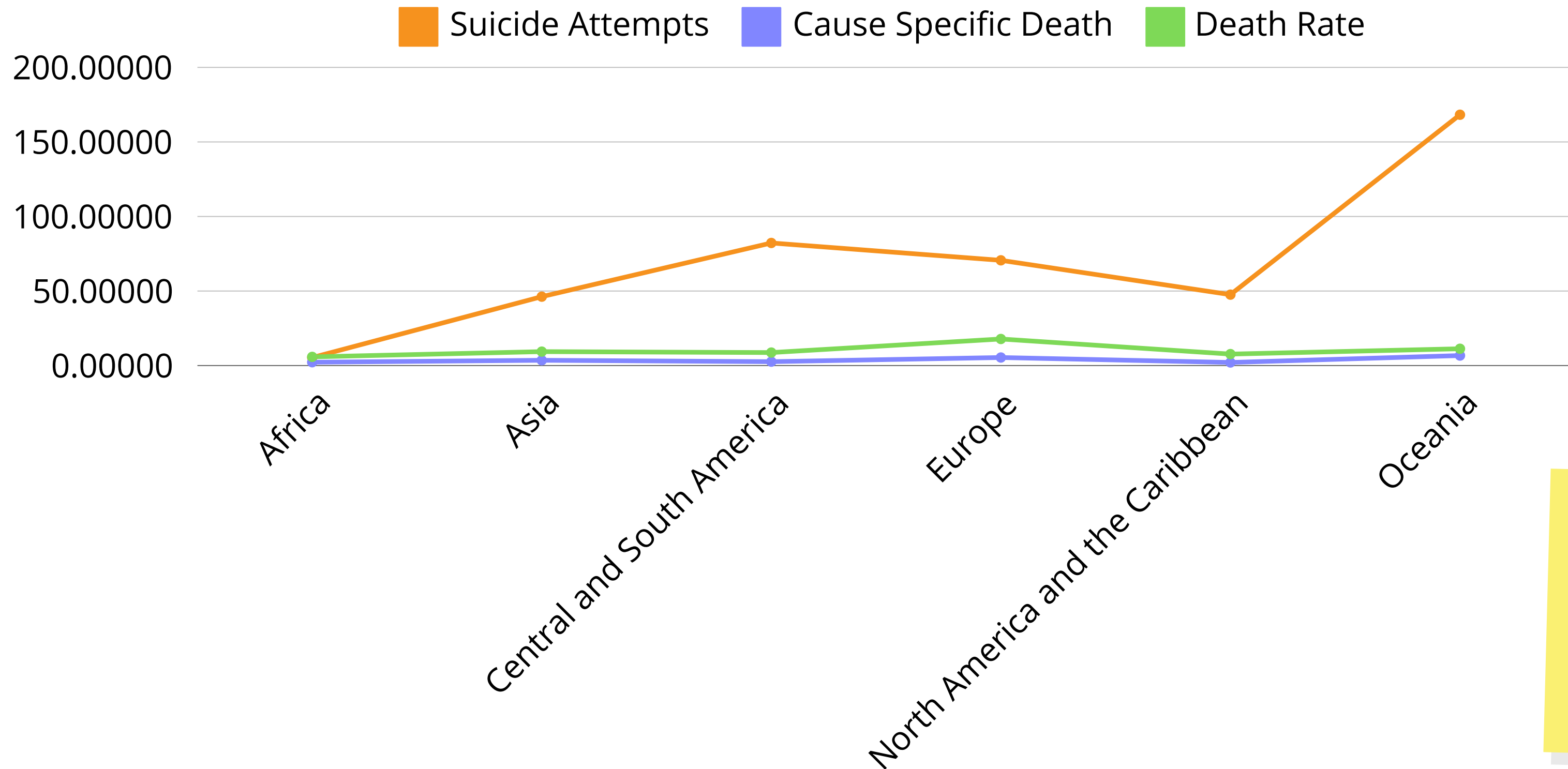


The line chart showed the average inflation rate, average employment ratio and suicide count across different regions, providing a visual comparison.

There is no correlation or significant difference in the employment ratio and inflation on suicide count.

# Question #5

Does all suicide attempts leads to death?



Not all Suicide attempts leads to death but it leaves lifelong impacts.

# Recommendations & Conclusion



# Recommended Actions

## Recommendation #1

Be selective on people you considered friends. Promote healthy connections among peers. Support from family and friends has a great impact on handling problems related to suicide

## Recommendation #2

There are lot of factors and reason why one can think of attempting suicide. Social awareness on the effects of suicide and factors that triggers such behavior.

## Recommendation #3

Seek help from authorities if triggered. Create healthy environment and prevent future risk. One should find coping mechanism that will help them go through the situation.



# Conclusion

Suicide is a serious mental health disorder and one of the leading causes of death nowadays.

It can cause a long-lasting effects on family and friends.

Regions or country of origin, Gender and Economic stability of one's nation has no significant factors on suicide rates. Everyone is at risks and has the capabilities of inflicting self injury and suicide.

A lot of factors influence suicidal behavior but proper education, social awareness and healthy connections among peers helps people cope up with this kind of behavior.

# Thank you!

