

REPORT

# WORLD ECONOMIC INDICATORS DASHBOARD



# WORLD ECONOMICS

## Indicators

- The indicators within the Economy section allow us to analyze various aspects of both national and global economic activity

### Countries produce

Goods

Services

Either to be

Consumed -Trade internationally

- The importance of these indicators :

It help measures levels and changes in size and structure of different economies . Also, identify any growth or contractions in the economies

# WORLD ECONOMIC INDICATORS

INTERACT WITH DATA DASHBOARD

Challenges in Analyzing World Development Indicators Data



## COMPLEXITY IN INTERPRETATION

- Multidimensional Data
- CORRELATION VS CAUSATION



## DATA CONSISTENCY

- Variability in Data Collection
- Time Lag in Data Updates



## RELIABILITY OF DATA

- Quality's Source
- Political Influence



## DATA ACCESSIBILITY

- Language and Format Barriers
- Availability of Data

## SOLUTIONS TO THE CHALLENGES IN (WDI) DATA

- **Involve enhancing data collection methods, standardizing reporting practices, and improving the use of internationally recognized sources to ensure the indicators accurately reflect development**

# WHAT IS MEANT BY THE TERM GDP?

GDP (Gross Domestic Product) is a key economic indicator that measures the total monetary value of all goods and services produced within a country's borders over a specific time period, usually annually or quarterly.

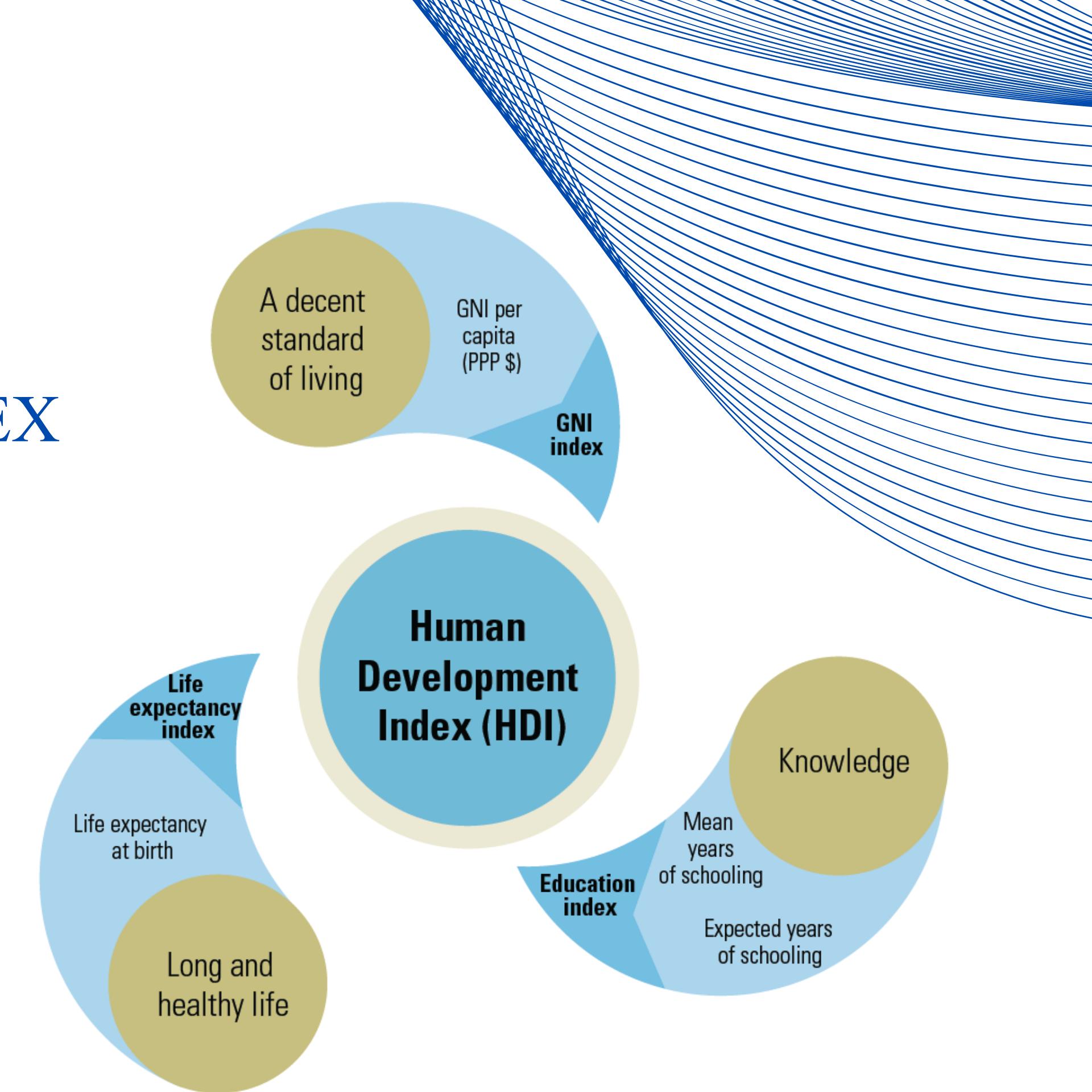
## Key Aspects of GDP

- Total Output: GDP includes everything produced within a country, from cars and electronics to healthcare and education services.
- Market Value: It is measured in monetary terms, reflecting the market value of goods and services.
- Domestic Focus: GDP only accounts for production within the country's borders, regardless of whether the companies involved are domestic or foreign-owned.



# COMMON TERMS

## 1. HUMAN DEVELOPMENT INDEX



## 2. MEAN YEARS OF SCHOOLING

# Education then & now

Gender-specific subjects,  
like needlework for girls

**70s**

National Curriculum  
set up

**90s**

AS and A2-Levels  
introduced

**20s**

**00s**

School leaving age  
raised from 15 to 16

**80s**

SATS introduced for  
pupils aged 7-11

**00s**

Making Maths  
compulsory until 18 is  
debated

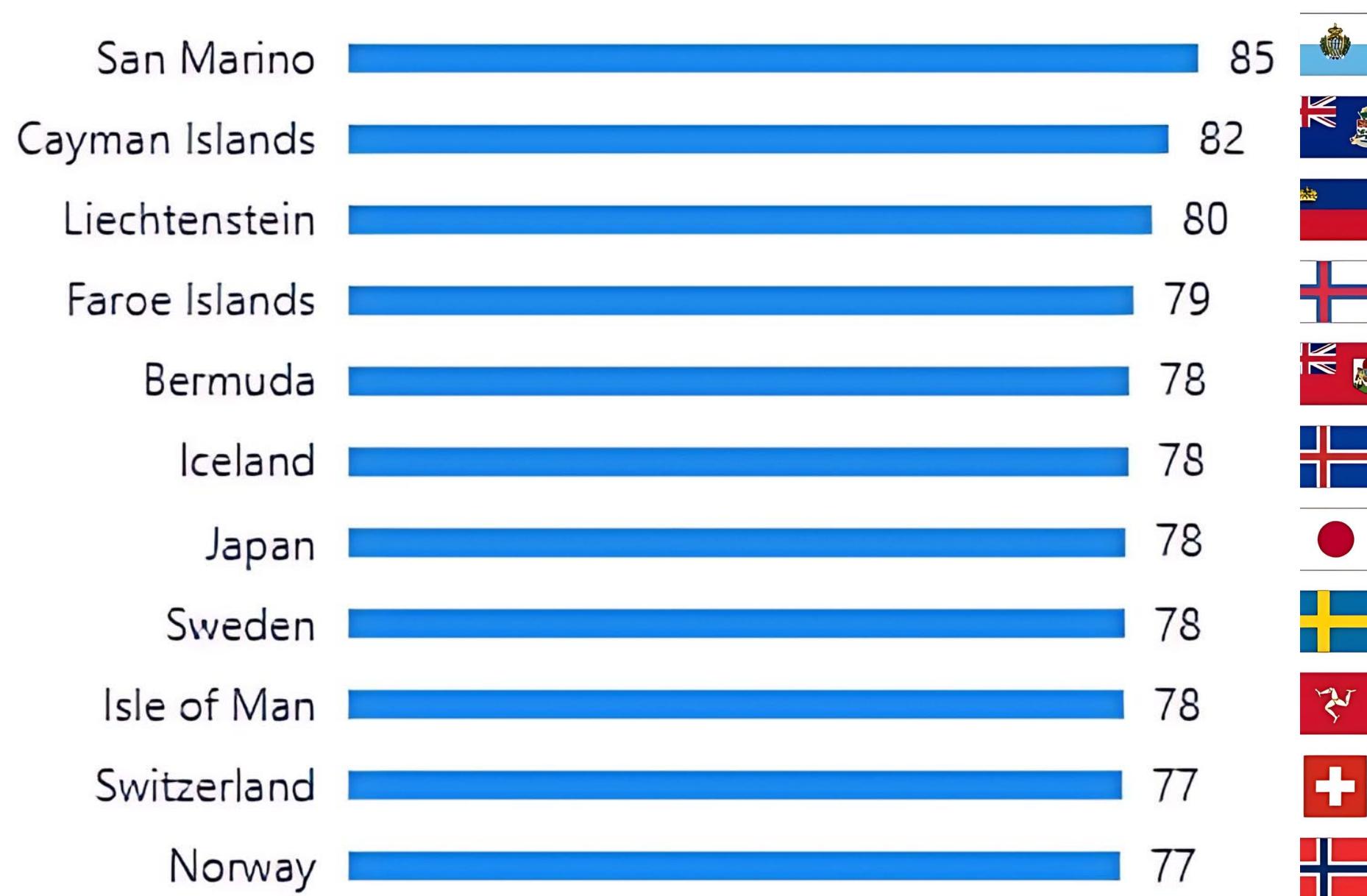
### 3.GNIPC (GROSS NATIONAL INCOME PER CAPITA)

is an economic indicator that represents the average income per person in a country, after accounting for the total income generated by the nation's residents, both domestically and abroad

GDP Gross Domestic Product	GNP Gross National Product	GNI Gross National Income
Value of national output produced in a country. <ul style="list-style-type: none"><li>- National income</li><li>- National output</li><li>- National expenditure</li></ul>	GNP = GDP + net property income from abroad.	Similar to GNP - Sum value of output by resident producers + net receipts of primary income from abroad + any product taxes (less subsidies) not included in the valuation of output.
Includes income of foreign multinationals	Excludes income earnt by multinational when profit is	A country which earns positive net income on FDI will include

## 4.LIFE EXPECTANCY AT BIRTH

a statistical measure that estimates the average number of years a newborn is expected to live , assuming that current mortality rates remain constant throughout their life.



**TOTAL COUNTRIES ANALYZED**  
**191**



Pacific  
Ocean

NORTH AMERICA

Atlantic  
Ocean

EUROPE

ASIA

AFRICA

SOUTH AMERICA

Indian  
Ocean

AUSTRALIA

# AS OF 2018

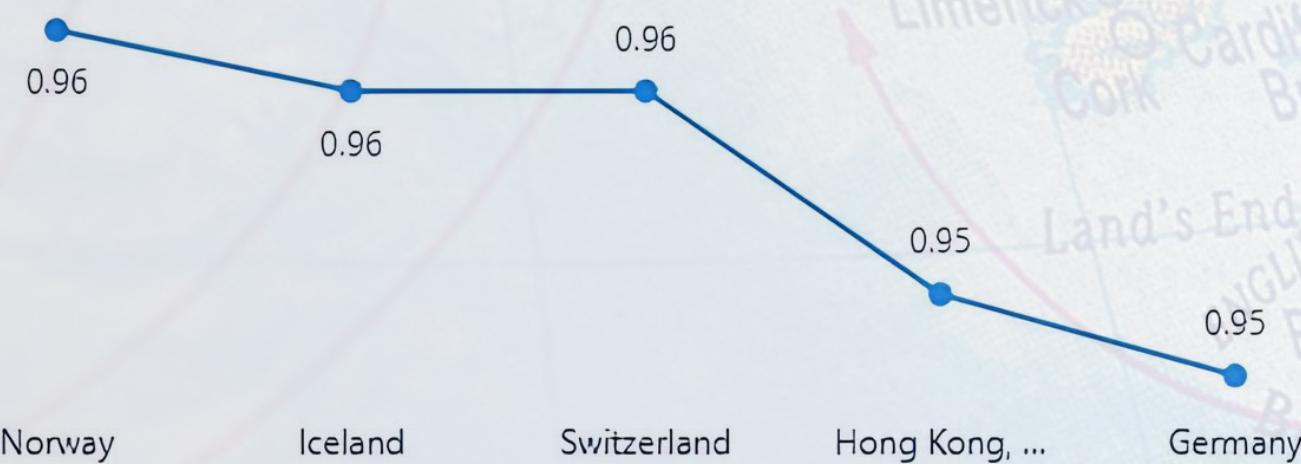
## TOP 5 COUNTRIES BY HDI (2018)

NORWAY = 95.7%

IRELAND & SWITZERLAND = 95.5%

HONG KONG = 94.9%

GERMANY = 94.7%



- LIFE EXPECTANCY AT BIRTH: 77 YEARS
- EXPECTED YEARS OF SCHOOLING: 13 YEARS
- GROSS NATIONAL INCOME PER CAPITA: \$ 103K
- INTERNET USAGE RATE: 96.7%

## BOTTOM 5 COUNTRIES BY HDI (2018)

SOUTH SUDAN = 39.5%

CHAD = 39.8%

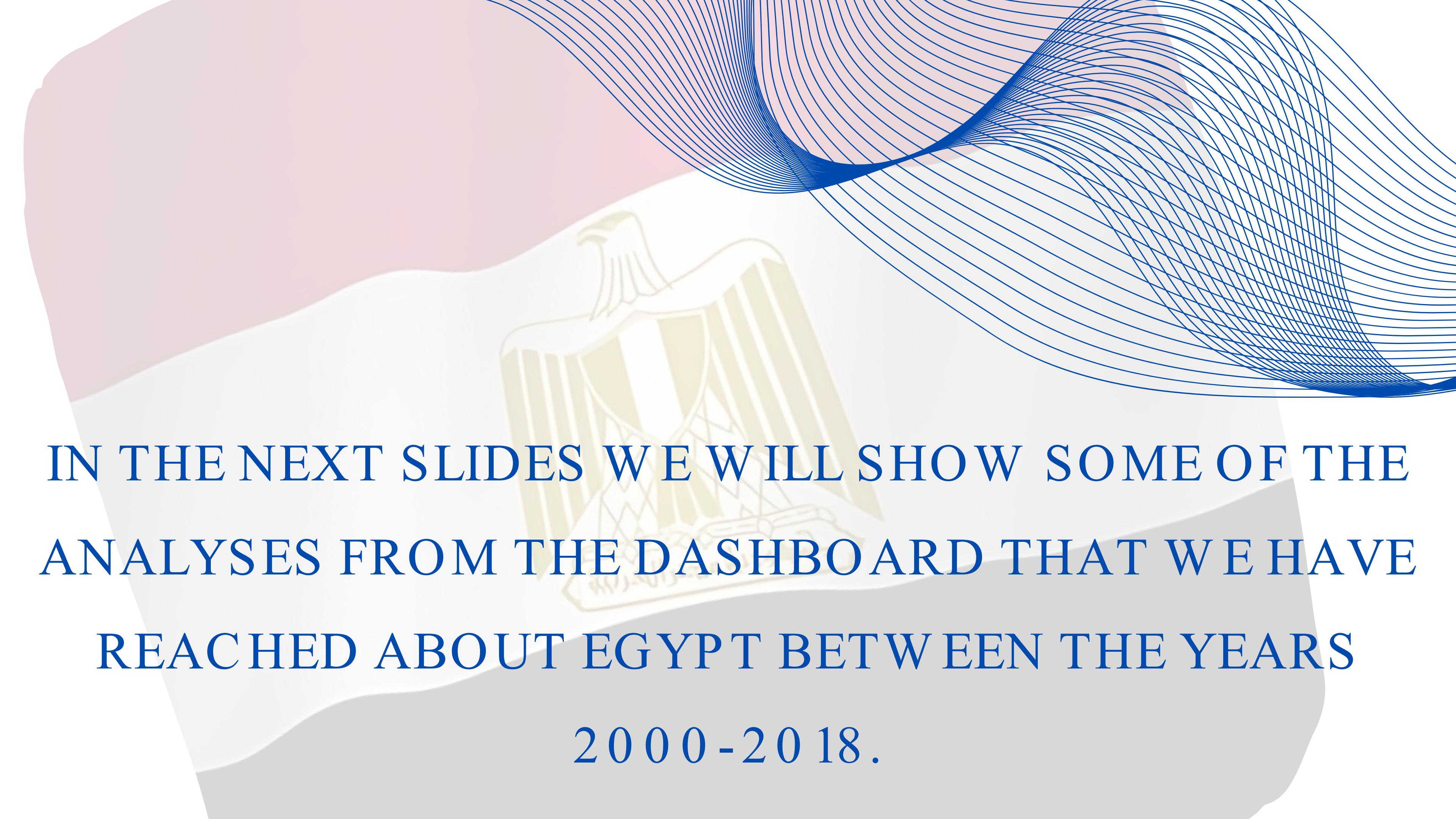
NIGER = 39.9%

CENTRAL AFRICAN REPUBLIC = 40.5%

BURUNDI = 42.8%



- LIFE EXPECTANCY AT BIRTH: 44 YEARS
- EXPECTED YEARS OF SCHOOLING: 5.7 YEARS
- GROSS NATIONAL INCOME PER CAPITA: \$ 1,8K
- INTERNET USAGE RATE: 0.38%



IN THE NEXT SLIDES WE WILL SHOW SOME OF THE  
ANALYSES FROM THE DASHBOARD THAT WE HAVE  
REACHED ABOUT EGYPT BETWEEN THE YEARS

2000-2018.

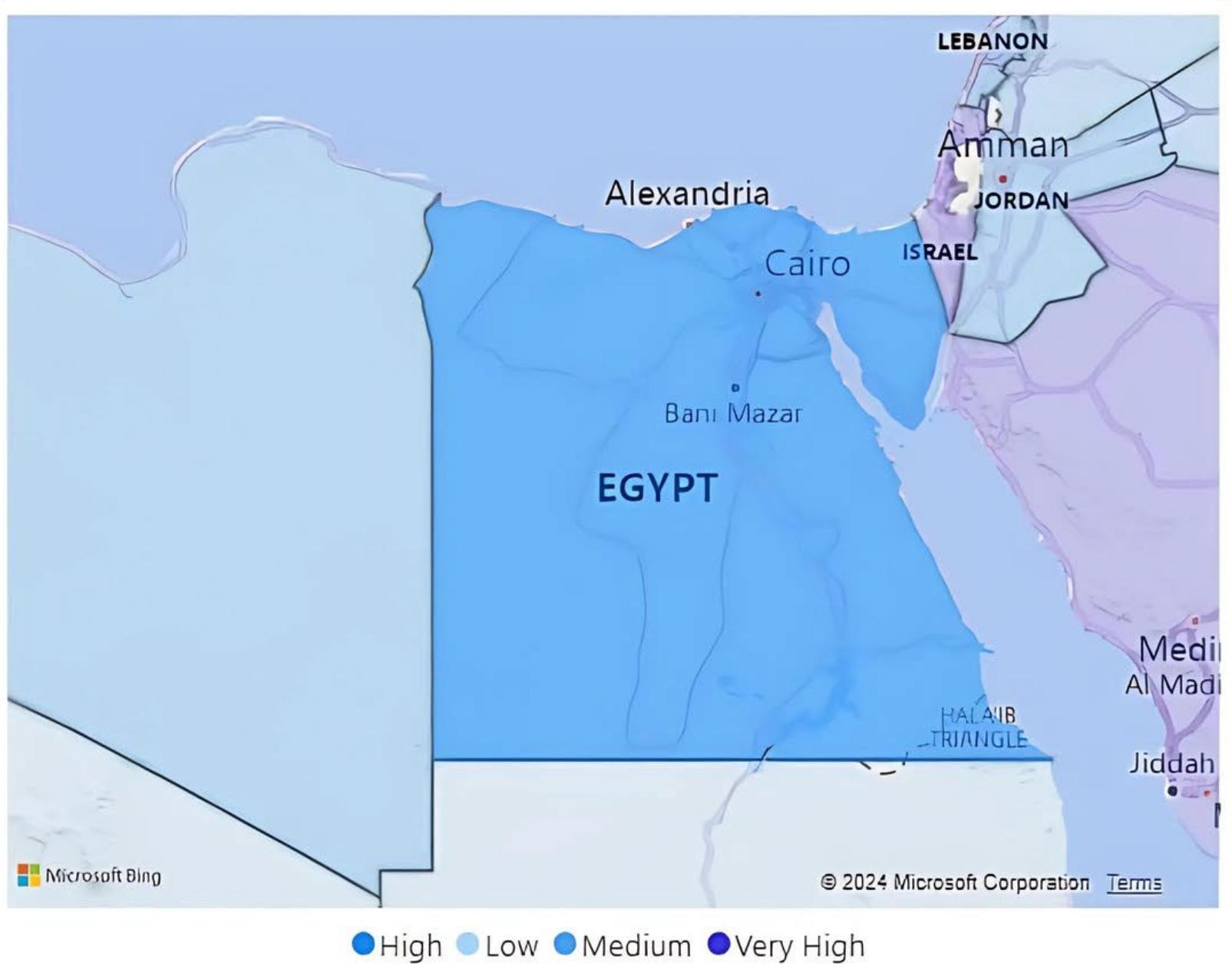
# World Economic Indicators Dashboard

High

year

2000

2000



## Human Development Index

0.633

Egypt

\$7.8K



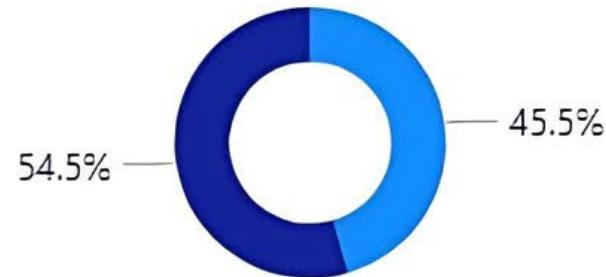
Egypt

inequality index

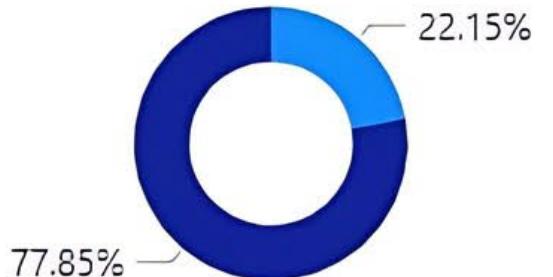
**0.62**!

Goal: 0.50  
(+23.4%)

## Human Development Index

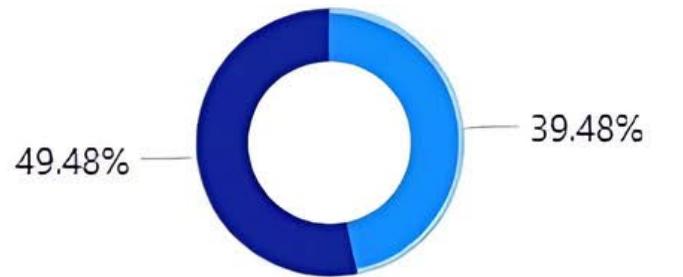


## Employment rate



● Average of hdi\_female ● Average of hdi\_male

## Average years of study



● Average of female ● Average of male

## Average income index



● Average of gni\_pc\_female ● Average of gni\_pc\_m...

# World Economic Indicators Dashboard

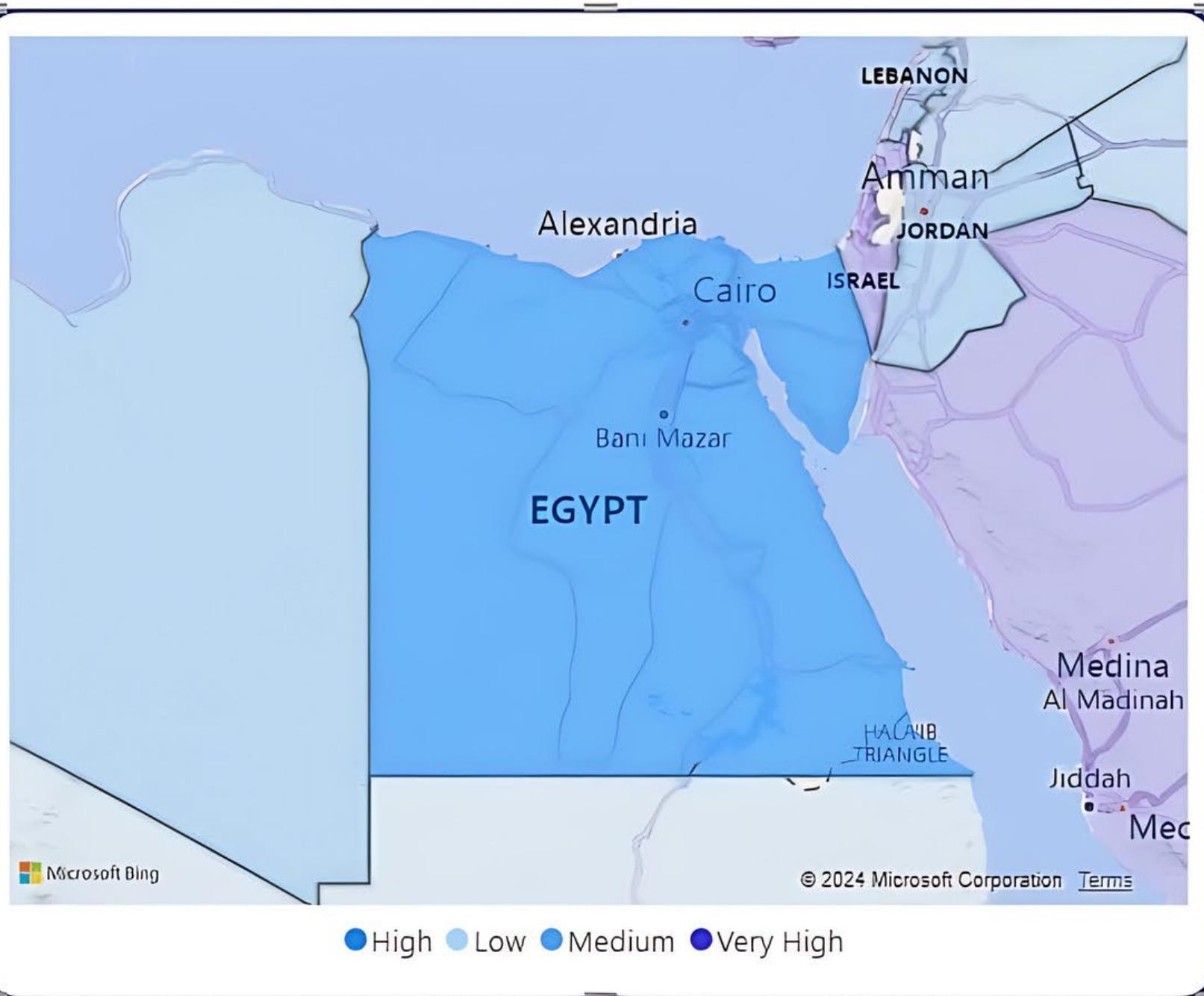
Y - E -

High

year

2018

2018



## Human Development Index

0.729

Egypt

## Average income per person

\$11.1K



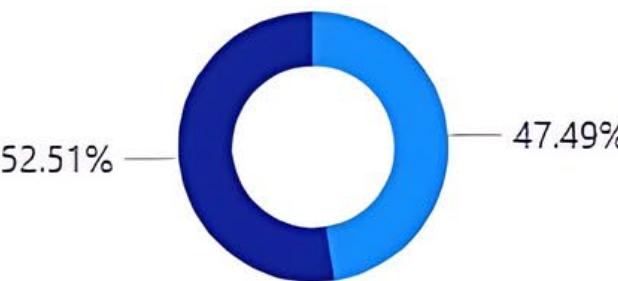
Egypt

## Inequality index

0.46

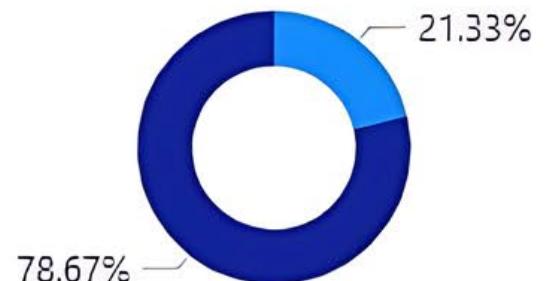
Goal: 0.50  
(-8.8%)

### Human Development Index



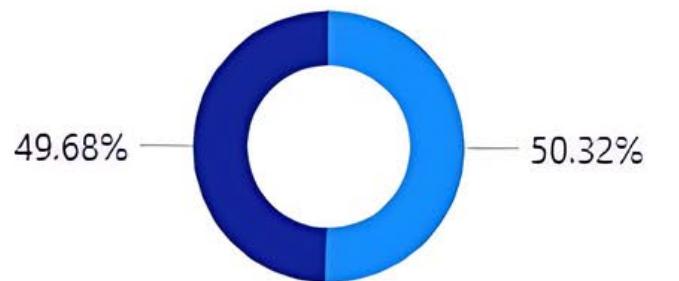
● Average of hdi\_female ● Average of hdi\_male

### Employment rate



● Average of lfpr\_female ● Average of lfpr\_male

### Average years of study

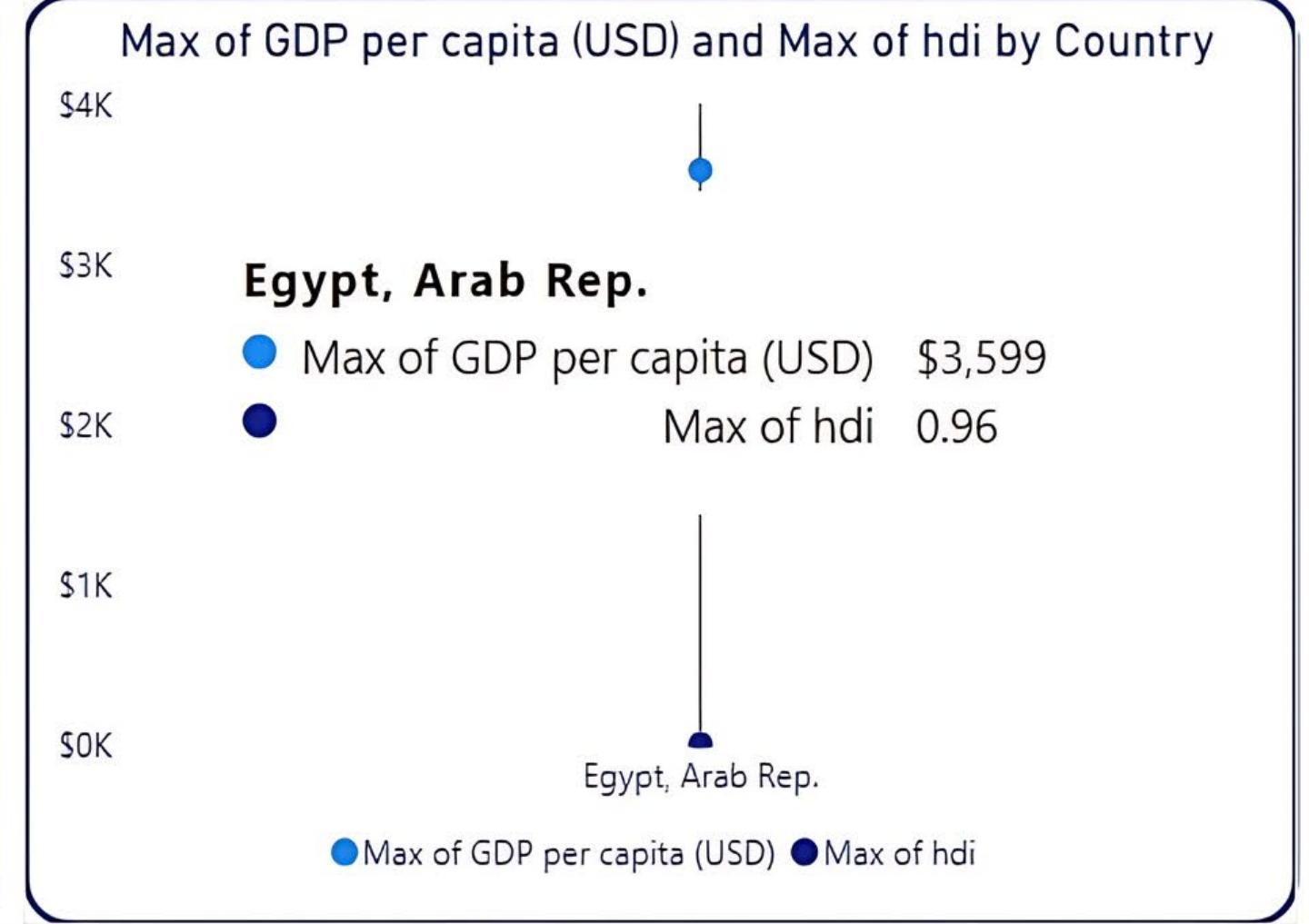


● Average of female ● Average of male

### Average income index



● Average of gni\_pc\_female ● Average of gni\_pc\_m...



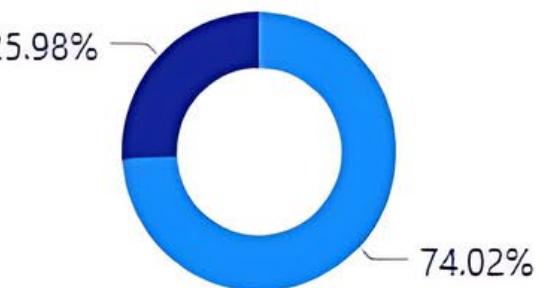
### GDP (USD) by Country

Egypt, Arab Rep. \$0.33T

### Individuals using the Internet by Country

Egypt, Arab Rep. 11.40%

### Birth rate, and Death rate, by Country



● Average of Birth rate ● Average of Death rate

### GDP per capita (USD) by Country

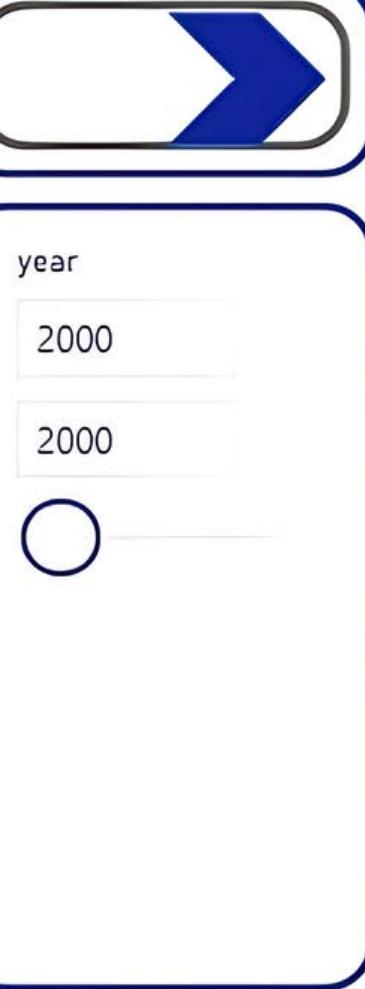
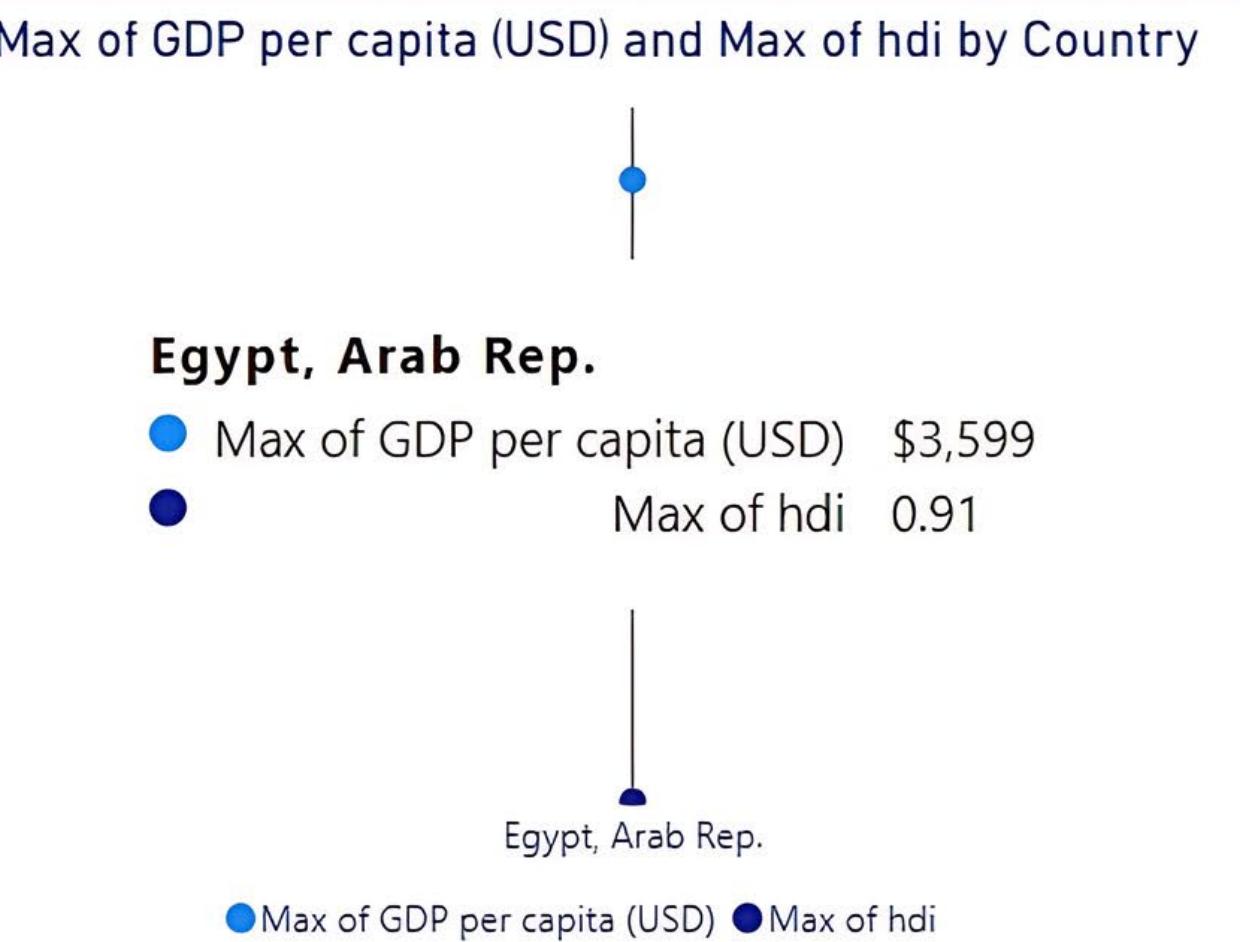
Egypt, Arab Rep. \$3.6K

### Population density by Country

Egypt, Arab Rep. 57.64

### Income Groups

▶  Lower middle income



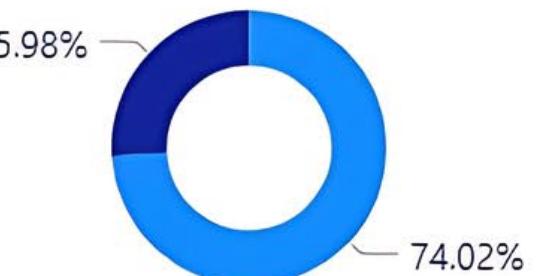
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● Average of Birth rate ● Average of Death rate

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Egypt, Arab R... \$3.6K

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Egypt, Arab Rep. 57.64

#### Income Groups

- ▶  Lower middle income

### Schooling years by country

Egypt 7.4

### Unemployment by Country

Egypt, Ar... 4.90%

### Infant mortality rate by Country

Egypt, Ar... 8.75%

### Life expectancy at birth by Country

Egypt, Ar... 62

### Unemployment by Region

North America

Average of Life expectancy at birth (years) 76.11

Europe & Central Asia

Average of Life expectancy at birth (years) 72.00

Latin America & Caribbean

Average of Life expectancy at birth (years) 68.10

East Asia & Pacific

Average of Life expectancy at birth (years) 66.12

Middle East & North Africa

Average of Life expectancy at birth (years) 65.94

South Asia

Average of Life expectancy at birth (years) 57.07

Sub-Saharan Africa

Average of Life expect...

Region ● Middle East & North Africa ● Europe & Central Asia ● Sub-Saharan Africa ● Latin America & Caribbean ● North America ● East Asia & Pacific ● South Asia



FROM THE DASHBOARD, WE CAN ANSWER MANY QUESTIONS, INCLUDING:

- **Which countries have achieved the highest economic growth rate in recent years?**
- **Which countries suffer from the highest unemployment rate?**
- **How do per capita income levels differ between developed and developing countries?**
- **How does the birth rate or death rate affect countries' income?**
- **How do labor force participants affect countries' income? Male / Female**
- **How does gender inequality affect countries' income?**
- **How does the Human Development Index affect income?**

# MEMBERS TEAM



ISLAM OSAMA



KAWTHER ABDULLAH



ESRAA GAMAL



JOHN MAGDY



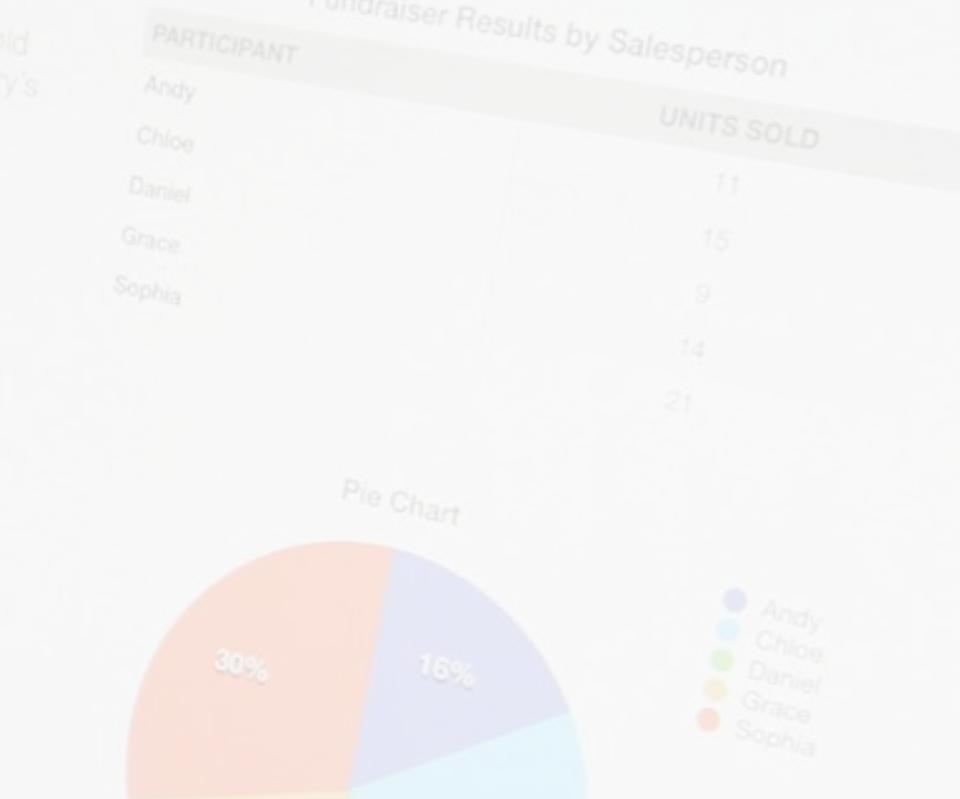
LOBNA ALI



IMAN HOSSAM

Column, bar, and pie charts compare values in a single category, such as the number of products sold by each salesperson. Pie charts show each category's value as a percentage of the whole.

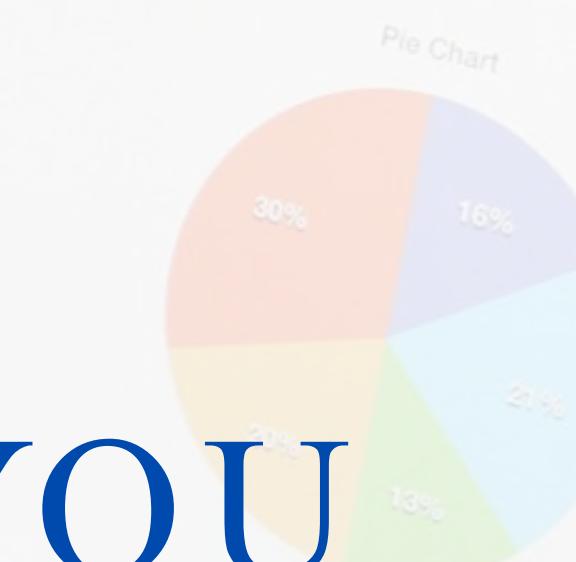
Fundraiser Results by Salesperson



Column Chart



Pie Chart



# THANK YOU