



**ASEAN**  
DATA SCIENCE  
EXPLORERS

## Leaving No One Behind



Team TADA (Myanmar)

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# 4

# QUALITY EDUCATION



# About Us



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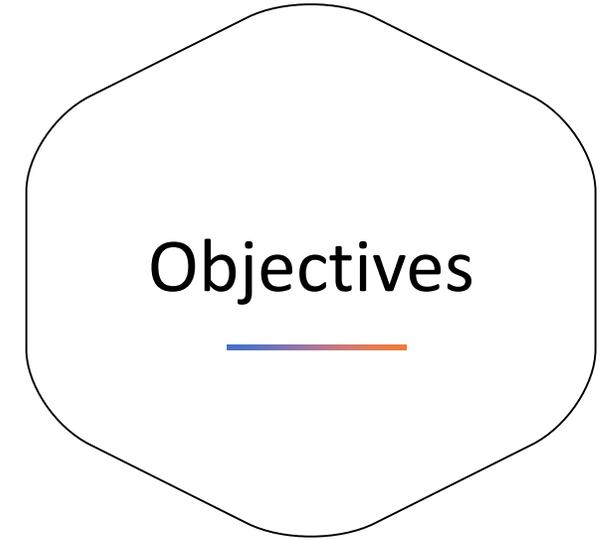
Ensure that all girls and boys complete **free, equitable and quality** primary and secondary education



Ensure that **all youth and a substantial proportion of adults**, both men and women, achieve literacy and numeracy

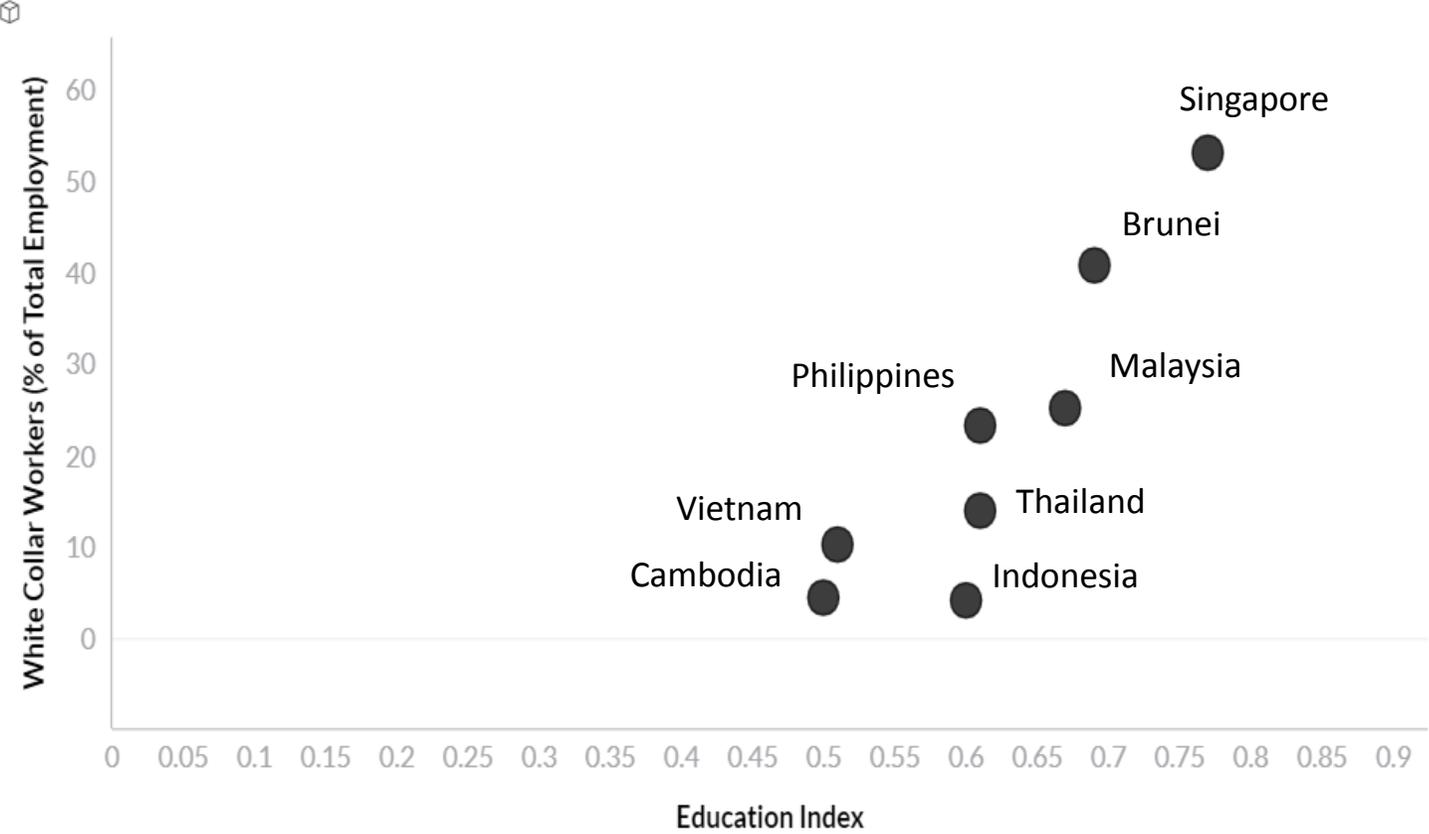


Ensure equal access for all women and men to affordable and quality **technical, vocational and tertiary education**, including university



# Relating Human Index with Education

## Education Index

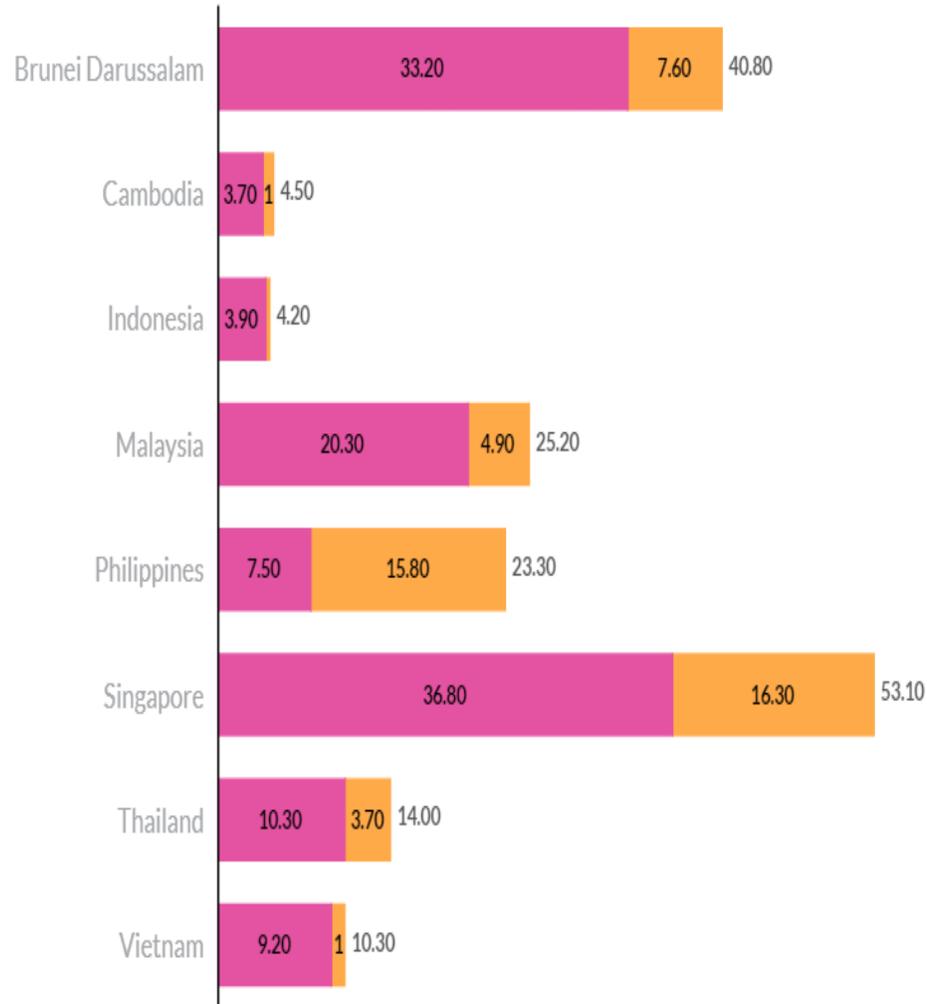


- The higher the educational index of a country, the higher the percent of high-skilled workers in total employment.

## Employment by Occupation

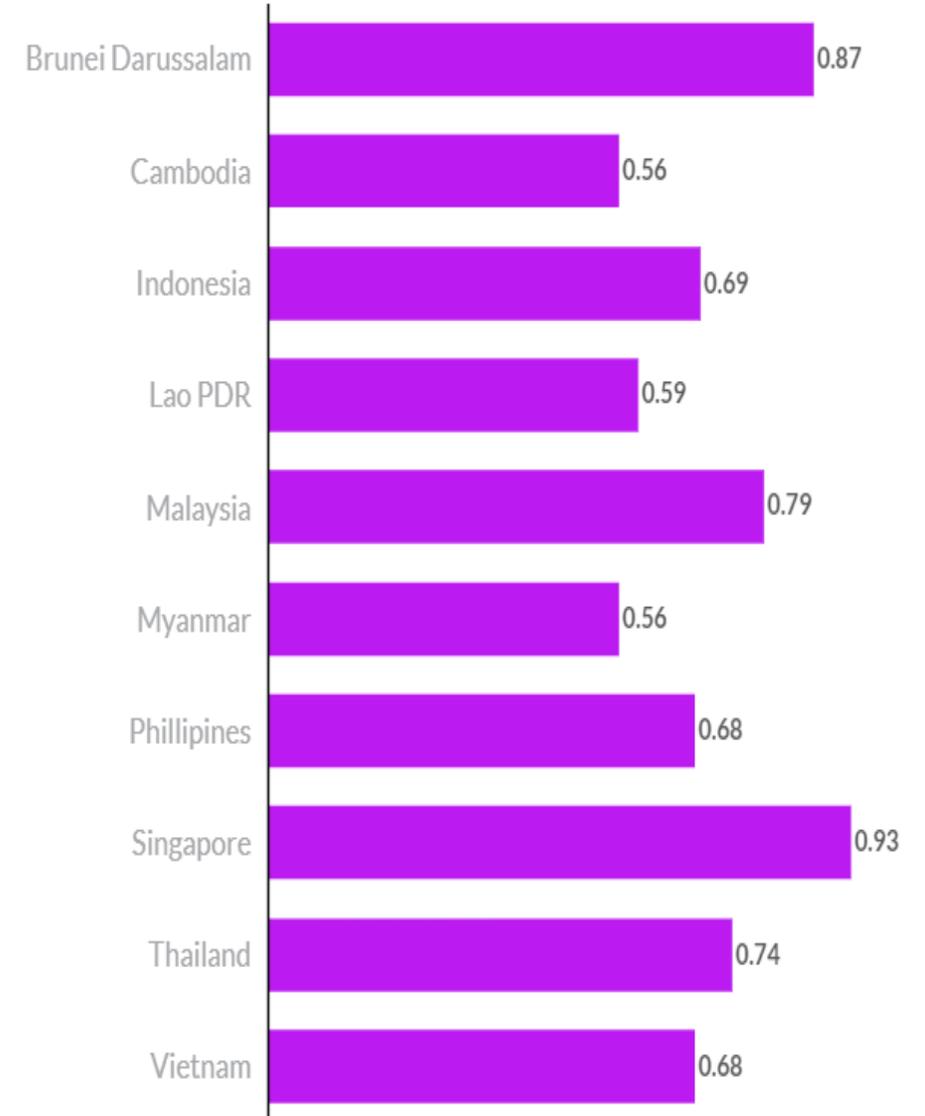
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- Professionals, technical and related workers(% of total employment)
- Administrative, executive and managerial workers(% of total employment)



## Human Development Index

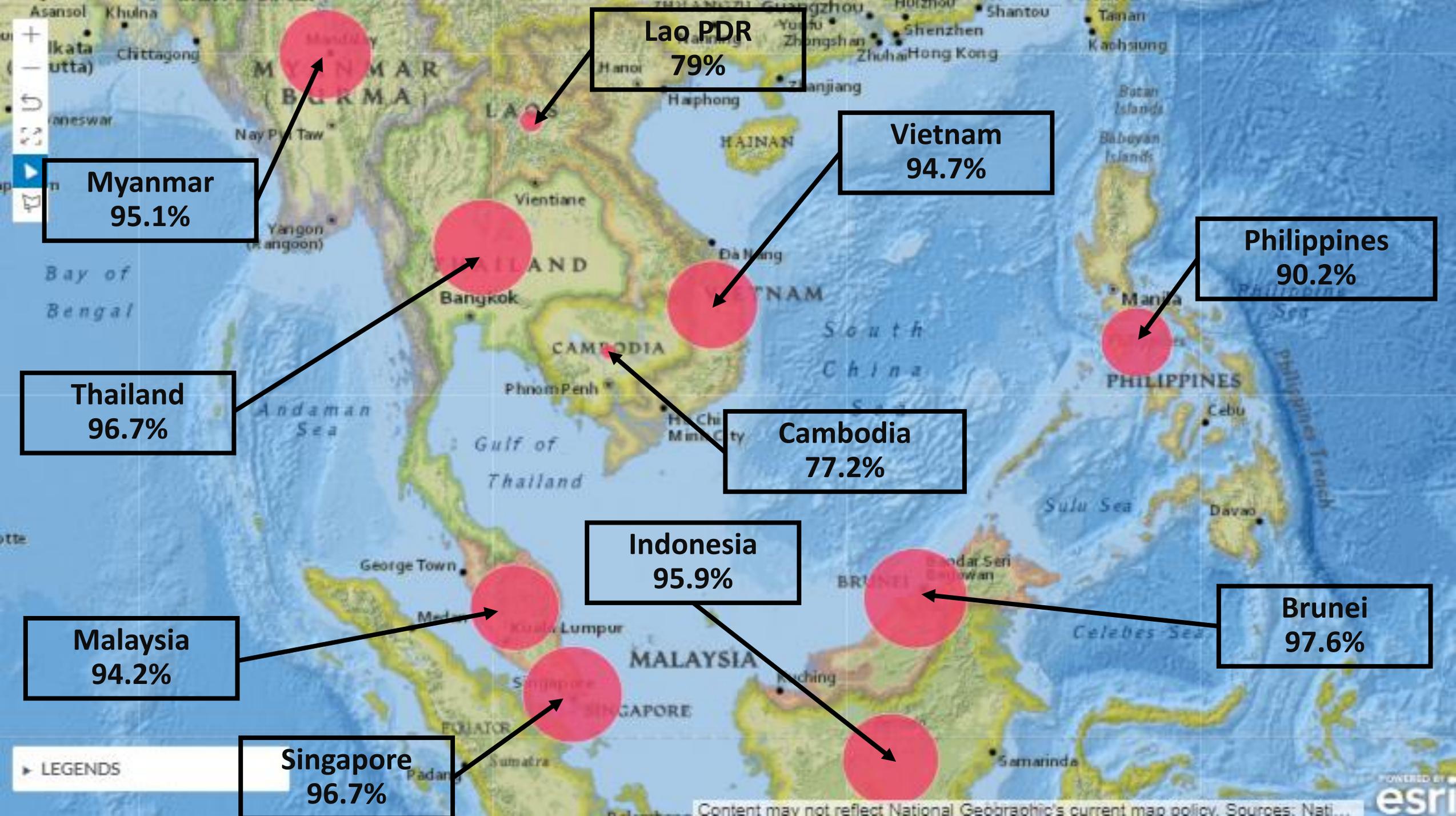
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# What is happening Now In ASEAN?





**Lao PDR**  
79%

**Vietnam**  
94.7%

**Philippines**  
90.2%

**Cambodia**  
77.2%

**Indonesia**  
95.9%

**Brunei**  
97.6%

**Myanmar**  
95.1%

**Thailand**  
96.7%

**Malaysia**  
94.2%

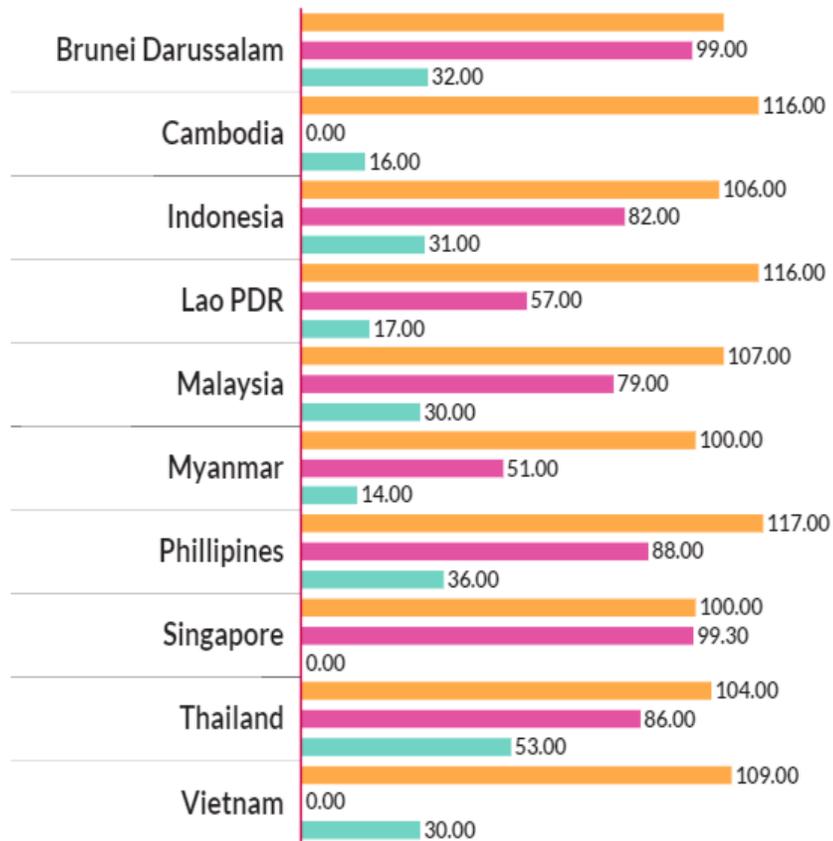
**Singapore**  
96.7%

▶ LEGENDS

# Enrollment and Attendance

## Enrollment Rate ( Primary, Secondary, Tertiary )

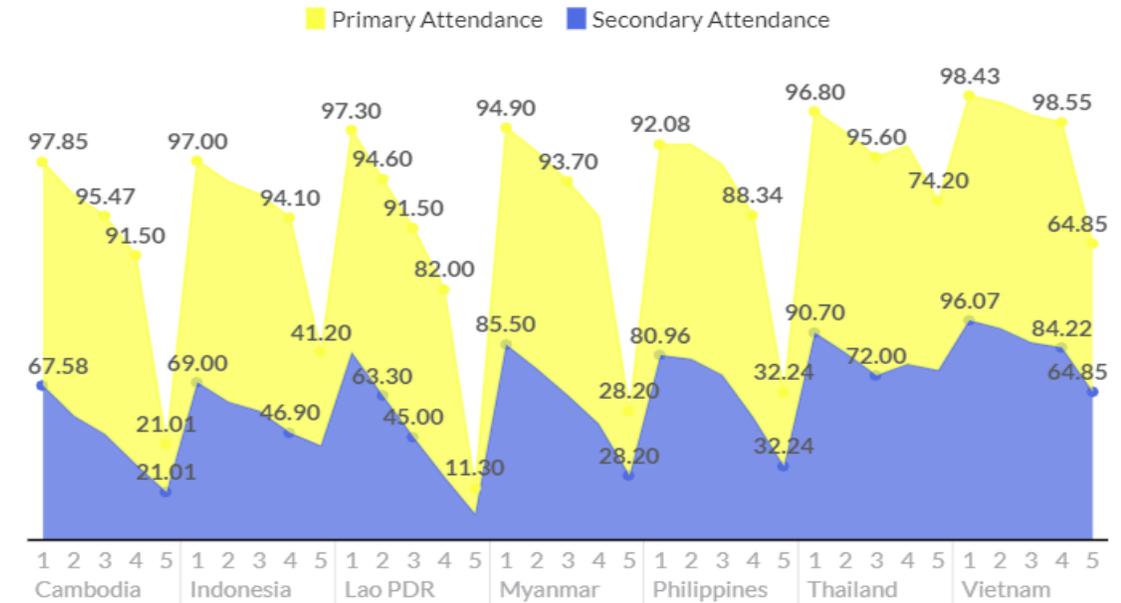
- Primary Enrolment(% of primary school-age population)
- Secondary Enrolment(% of secondary school-age population)
- Tertiary Enrolment(% of tertiary school-age population)



- There is a gradual drop in enrollment rate from primary to secondary and a significant drop from secondary to tertiary education.
- A correlation between wealth quintile and, attendance for primary and secondary education, which is particularly distinct between 4<sup>th</sup> richest and poorest quintiles.

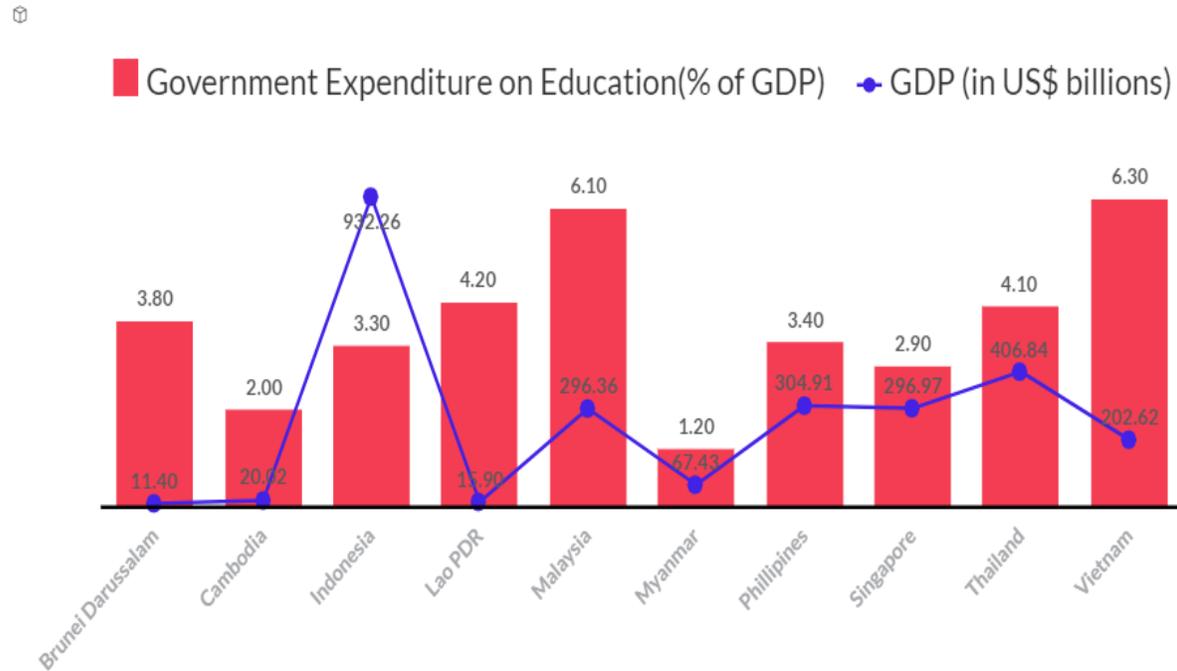
## Primary Attendance, Secondary Attendance per Country, Wealth Quintile

1 (Richest) - 5 (Poorest)



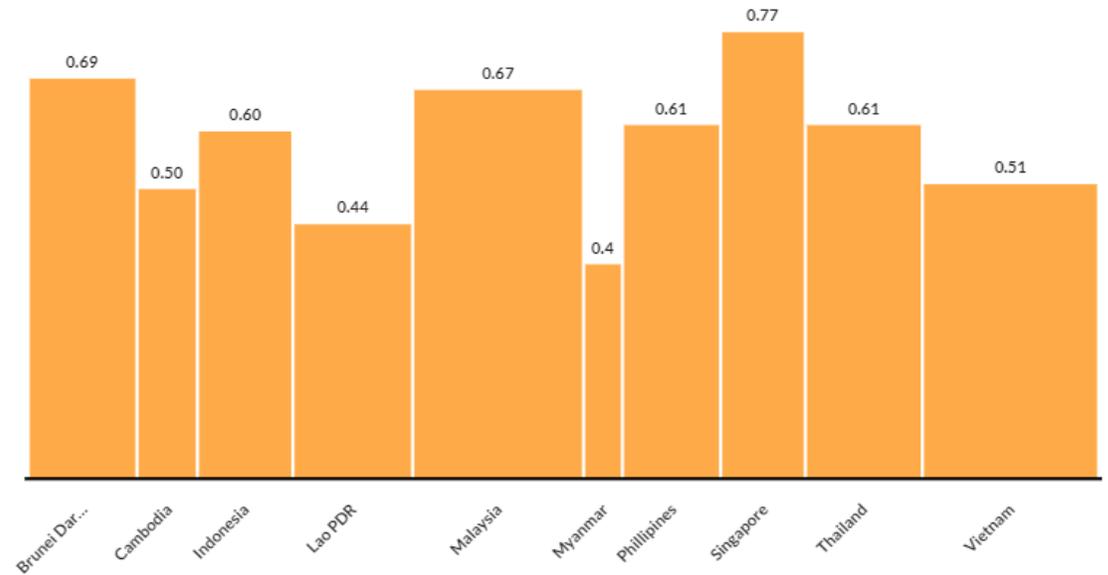
# Government Expenditure

## GDP Vs. Government Expenditure on Education



- The educational index of a country is heavily influenced by the government expenditure spent on education.

## Education Index, Government Expenditure on Education



- However this influence is mainly caused by how the expenditure is managed rather than its magnitude.



## **Government Expenditure**

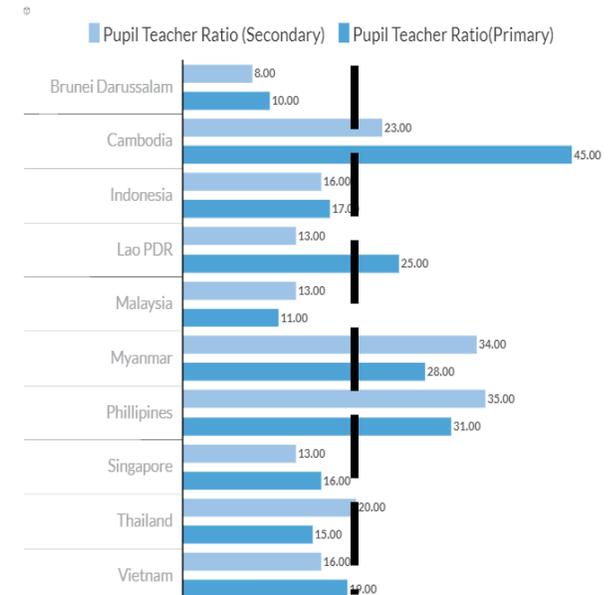
- Increase the government expenditure spent on education
- Build a mechanism to monitor the effectiveness of government expenditure on education



## Infrastructure

- Invest in educational infrastructures and resources

Pupil Teacher Ratio for Primary School and Secondary School



## Teachers

- Attempt to fill the requirement of well-trained and well-qualified teachers
  - Teaching profession should be promoted with a higher salary





### **Non-formal Primary Education**

- Provide accessible and quality non-formal primary education

### **Technical and Vocational Education and Training**

- Promote Technical and Vocational Education and Training to provide a decent alternative career pathway for youths without access to formal education





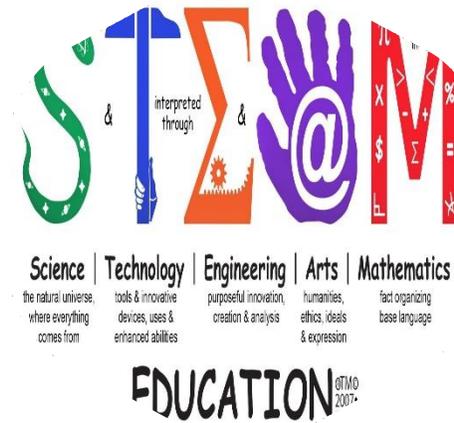
## Higher Education

- Remove barriers preventing students from getting into higher education

## Digital Literacy

- Develop the digital literacy of students





## The Quality of Education

- Curricula should be revised and 21<sup>st</sup> Century Soft Skills should be integrated into the curricula
- Encourage STEAM education system

## WHY?

- The relations between the educational index, the percent of high skilled workers, and the human development index of a country



## WHAT?

- Higher Youth Literacy Rate
- Higher Primary, Secondary, and Tertiary Enrollment Rates
- A quality education

## HOW?

- Government Expenditure
- Infrastructure
- Teacher
- Non-formal Primary Education
- TVET
- Higher Education
- Digital Literacy
- STEAM

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