



# ASEAN

## DATA SCIENCE EXPLORER COMPETITION 2017

**Team:** Bluetick

**Members:** Qawiyyel Mateen & Hadi Iskandar

**Country:** Brunei Darussalam

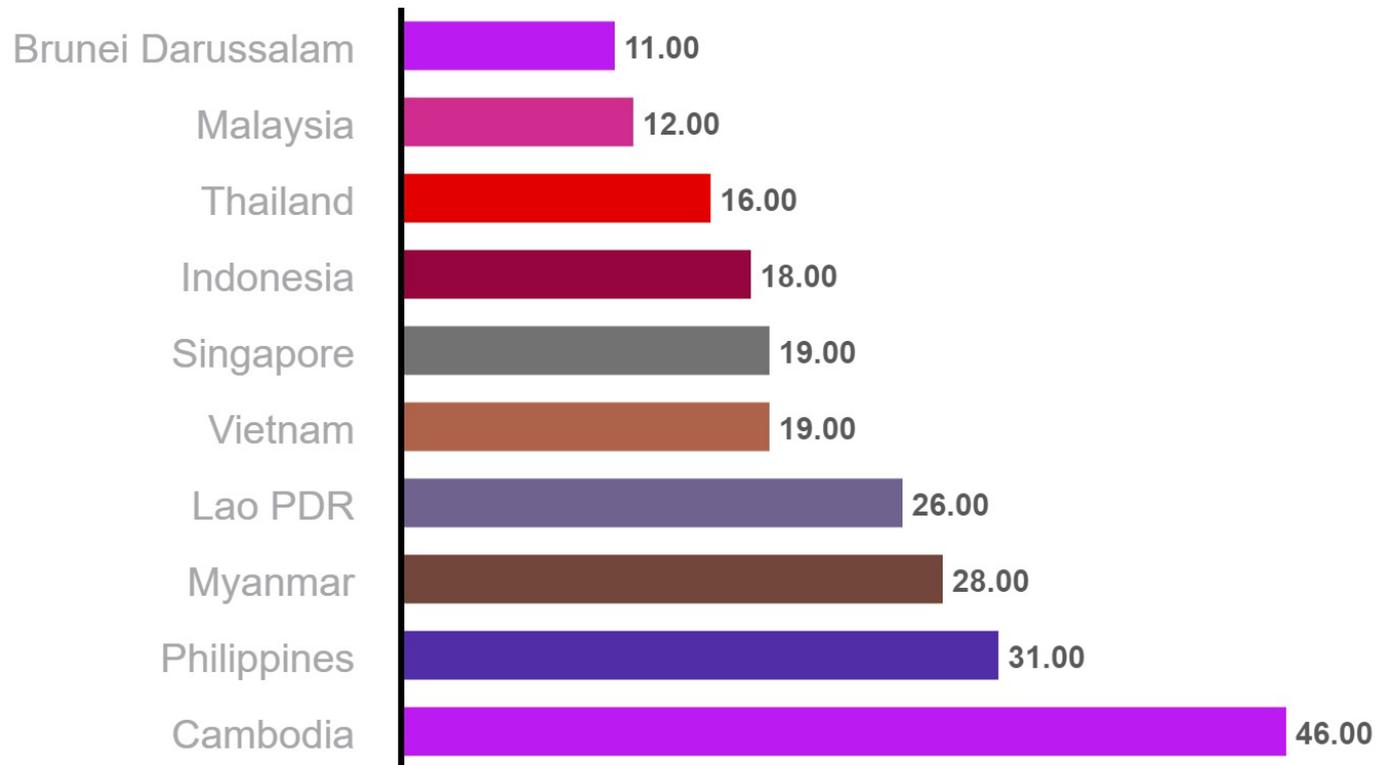




# Enhancing Primary Student Learning Experience



# Average Student Teacher Ratio

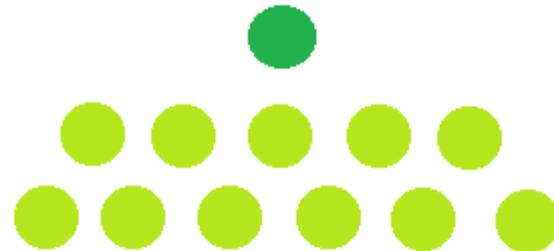




Brunei Darussalam

# 11.00

Average student to teacher  
ratio in primary schools

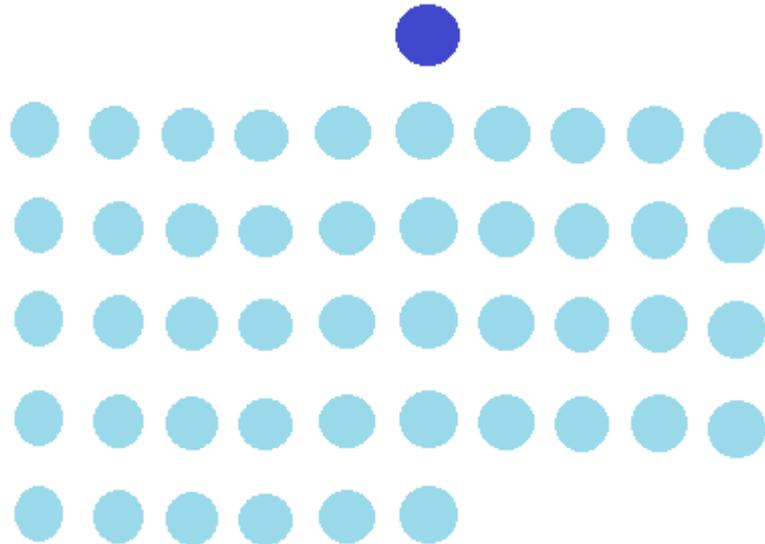




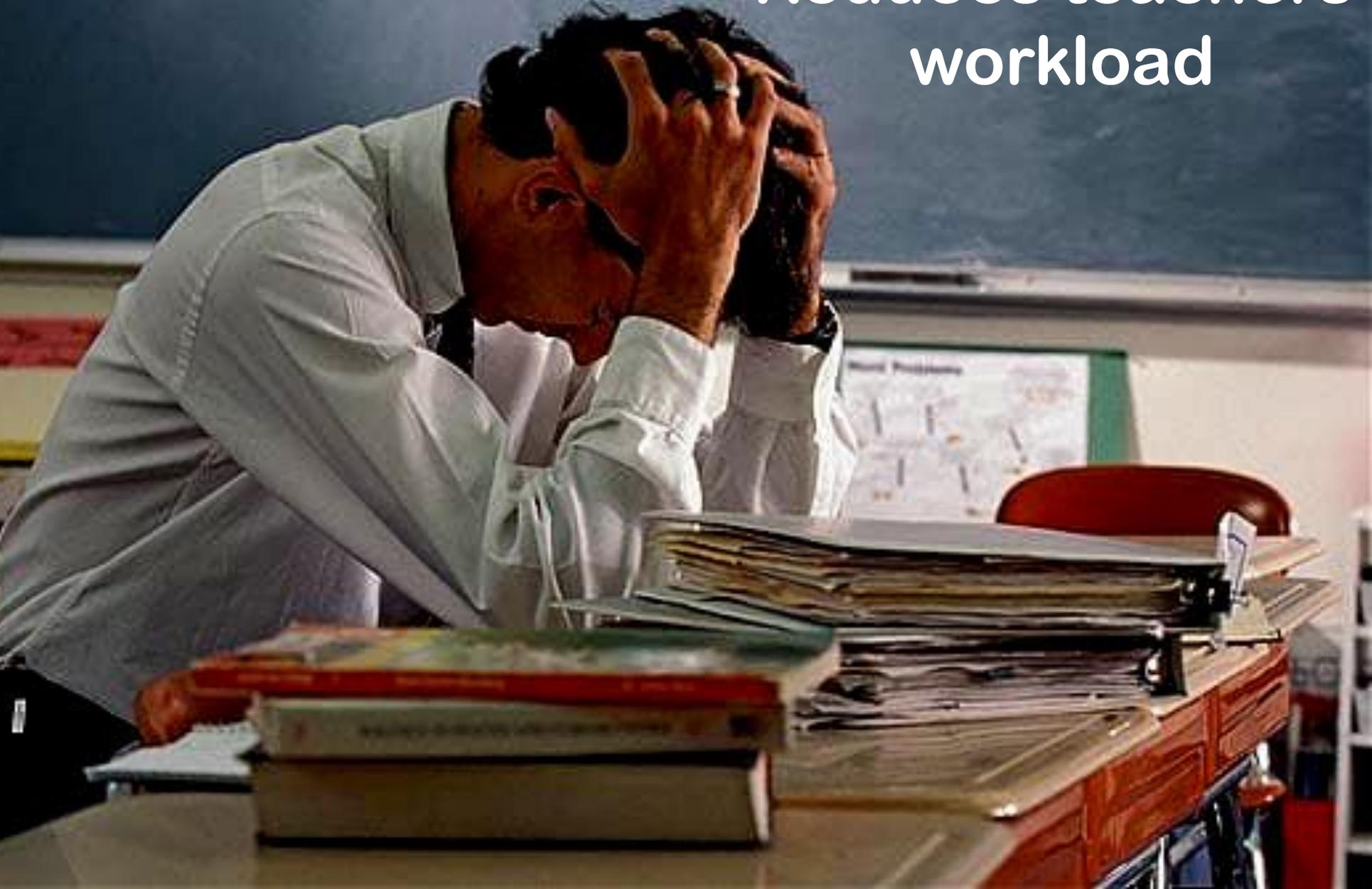
Cambodia

# 46.00

Average student to teacher  
ratio in primary schools



Reduces teachers  
workload



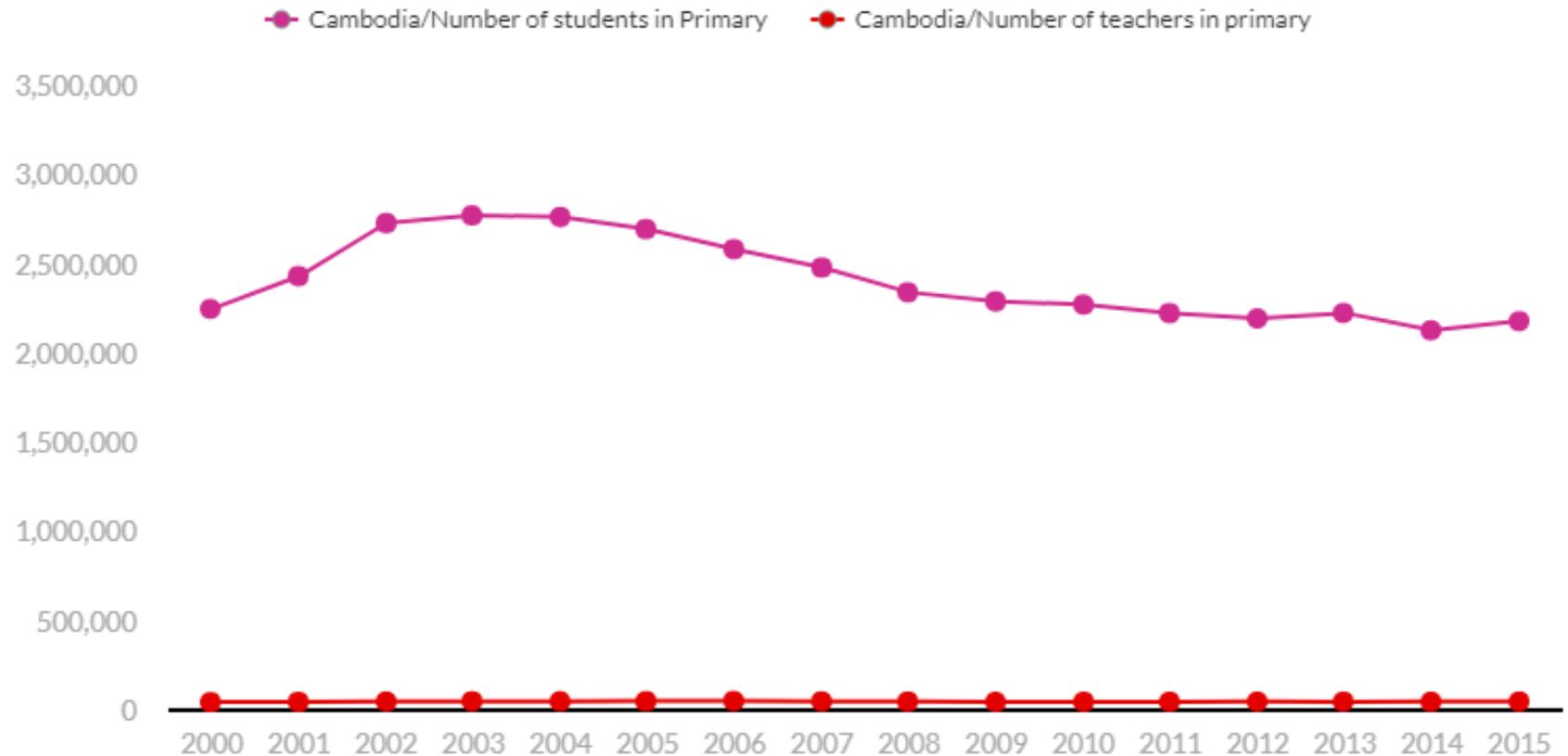
More time to interact  
with individual student



Encourage student to participate more



# Number of Primary Student vs Teacher in Cambodia



Cambodia

# 2,178,916

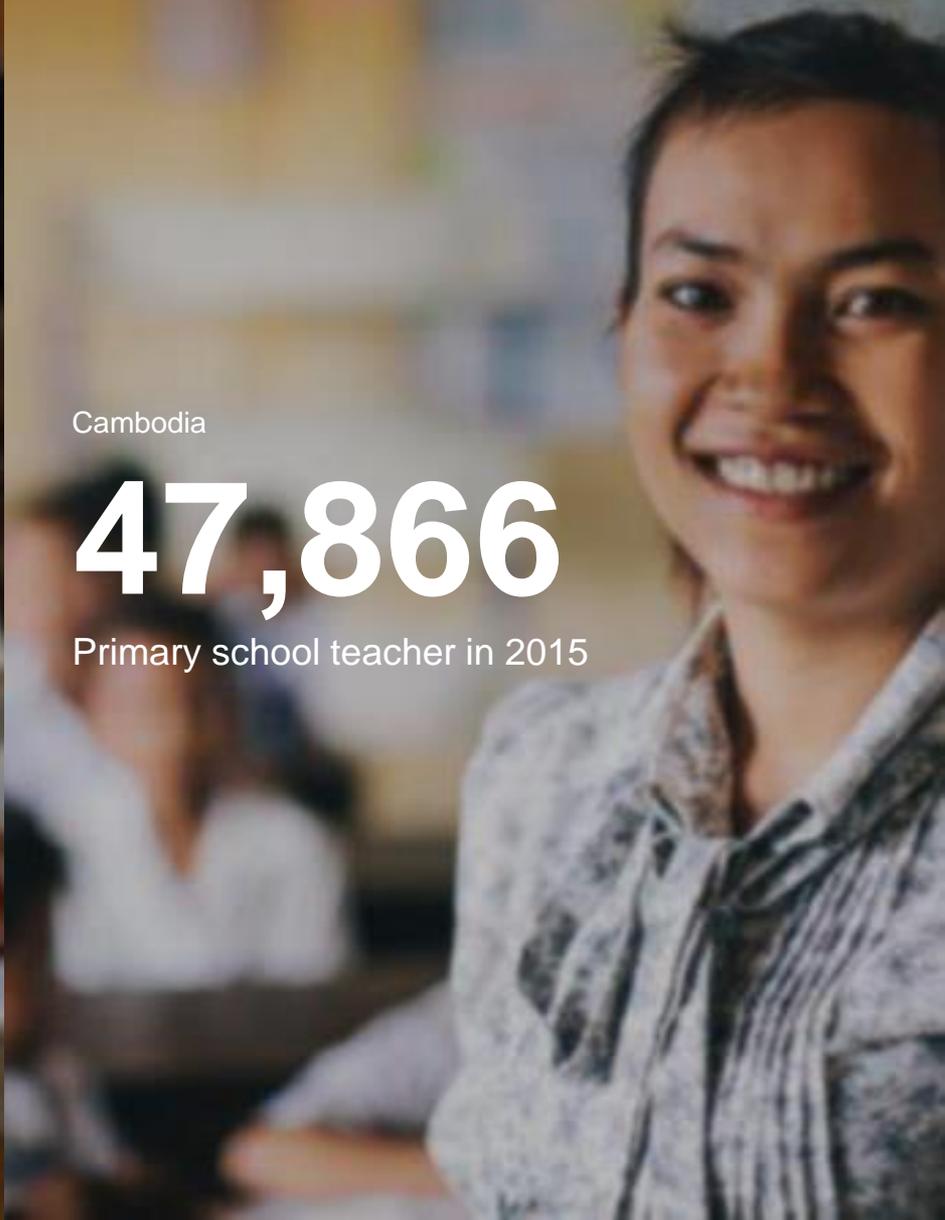
Primary school student in 2015



Cambodia

# 47,866

Primary school teacher in 2015



A blurred photograph of a classroom. A teacher is standing at the front, pointing towards a whiteboard. Several students are seated at desks, some looking towards the front. The image is dimly lit and has a blue tint.

**Lack of adequate  
teaching training**

A photograph of a woman sitting at a desk, looking stressed. She has her hand to her face, resting her head on her hand. The image is dimly lit and has a red tint.

**High Workload**

**Joint cooperation with  
teacher from other countries**



# Total Average Primary Student vs Teacher in ASEAN Country

Student Teacher

68,765,034.00



3,412,009.00



ASEAN countries

**21**

Teacher-student ratio



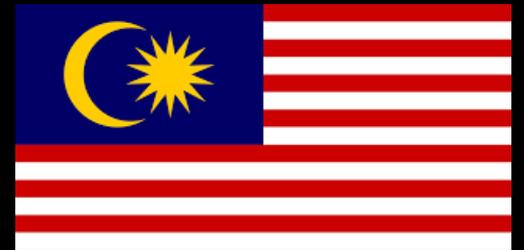
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-1507

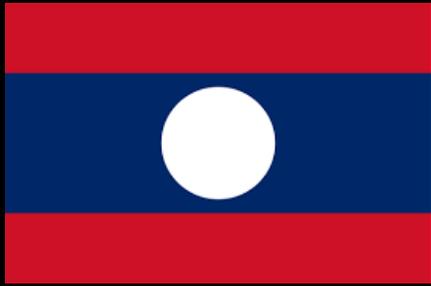
-115924



-28960

-74858





+8383



+60567



+227345



+62715

449,944

>

359,010



# Community Outreach Program

- Partnering with other ASEAN University
- University student teaching English
- Rural areas
- Due to lack of proper equipment and facility

Dec 11, 2015

# What goal to achieve?



Increase the supply of qualified teachers; including through international cooperation for teacher training.

# How?

Sending teachers amongst ASEAN countries



A photograph of a classroom where several children are seated at desks, focused on writing in their notebooks. The child in the foreground is a young boy wearing a green hoodie, holding a blue pencil. Behind him, a girl in a red shirt is also writing. The background shows other students and a bright yellow wall. The text 'Why?' is overlaid in the top left, and 'To improve Primary School Quality Education' is overlaid in the center.

Why?

To improve Primary School Quality Education