

**Will the Wave of Early Retirement of Teachers  
in Malaysia Continue?  
- A Grey Prediction Based on GM (1, 1)**

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**Abstract**

The number of teachers in Malaysia has decreased since 2017 as a result of a tendency toward early retirement among teachers. Numerous organizations have suggested that laws be passed in reaction to this trend to lessen the effects, but Malaysia has yet to come up with any viable solutions. Is it possible that these circumstances will allow for a progressive decrease in the number of early retirees in the near future? Based on this inquiry, a GM(1,1) model was created and a gray prediction was formed, which indicates that in 2022 - 2024, Malaysia's teacher population and teacher - student ratio will continue to decline. The Malaysian government needs to take this seriously and aggressively implement a number of steps to prevent the negative effects of early teacher retirement on educational standards.

**Keywords:** Early Retirement, Malaysia Teacher, Gray Prediction Model