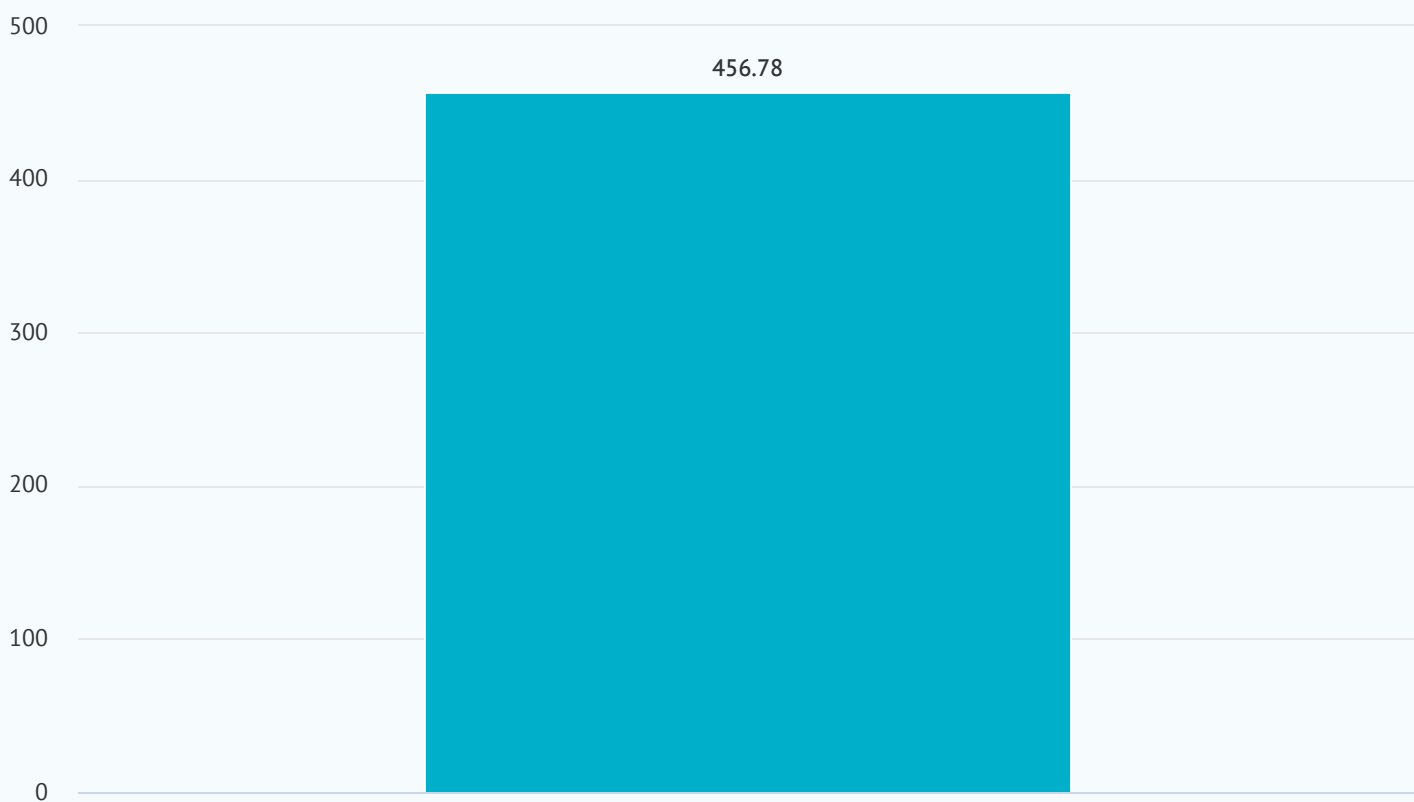


## Grade 5 numeracy

The average overall numeracy performance for grade five students in Federated States of Micronesia was 456.78 (SD = 76.81) in 2021.

Figure CNF5.1

### Grade 5 numeracy performance

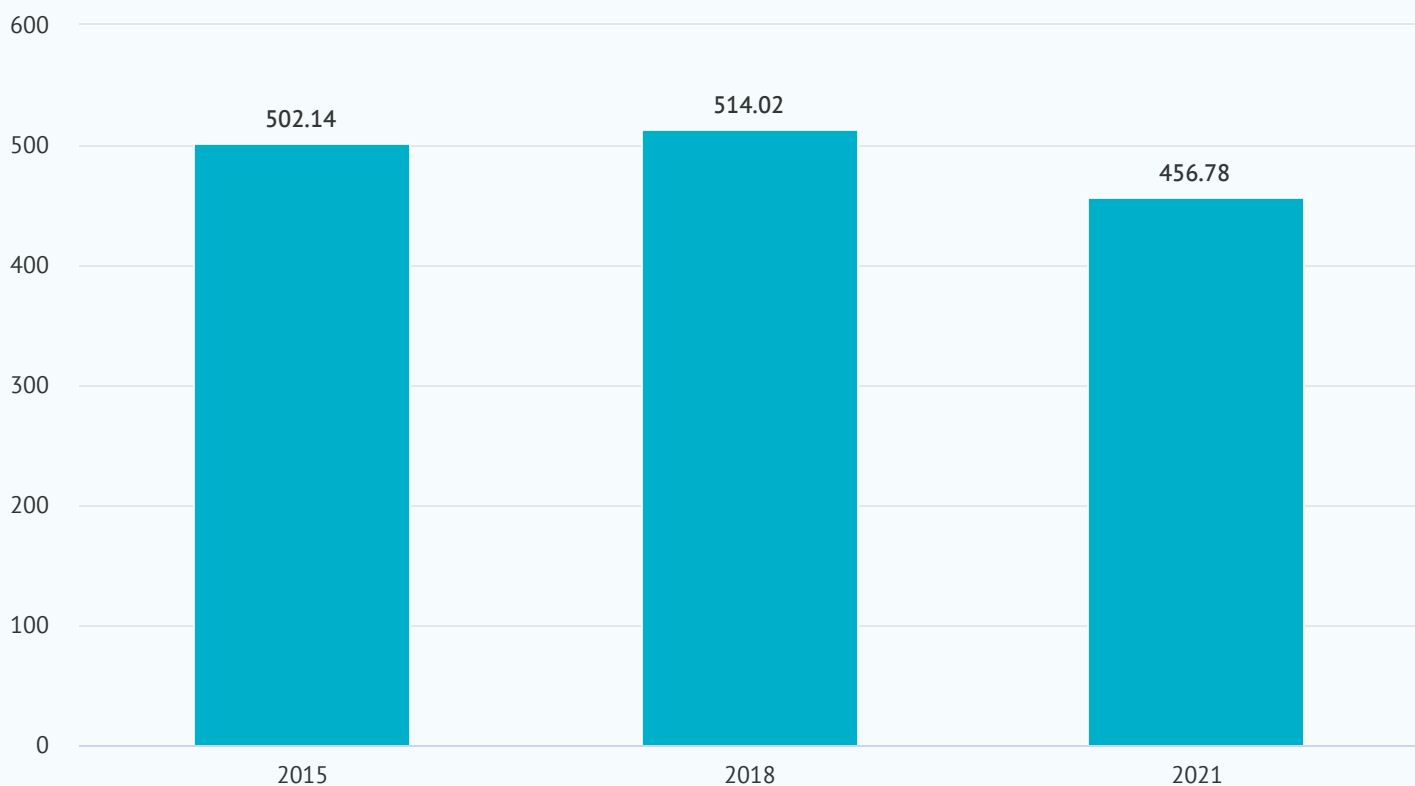


Year	Grade 5 MEAN
2021	456.78

Mean performance of Grade 5 students in numeracy, FSM, PILNA 2021

Figure CNF5.2

Grade 5 numeracy performance overtime



Year	Grade 5 MEAN
2015	502.14
2018	514.02
2021	456.78

Mean performance of Grade 5 students in numeracy, FSM, PILNA 2015, 2018 and 2021

Figure CNF5.2 shows the average numeracy scores of this group and of grade five students in Federated States of Micronesia in previous PILNA cycles. The average overall numeracy score for Federated States of Micronesia’s grade five students in 2021 was lower than in all previous PILNA cycles but the standard deviation for this group was greater than in all previous PILNA cycles. This means that the distribution of overall numeracy scores in 2021 was more spread out than in previous PILNA cycles. This aligns with the regional results, which also saw a lower average overall numeracy score, and greater deviation in results for similarly educated students. More analysis needs to be done to understand whether these differences in scores are statistically significant.

*Standard deviation shows how close data points are to the average. A lower standard deviation means that data points are, overall, closer to the average; a higher standard deviation means that data points are, overall, further away from the average.*