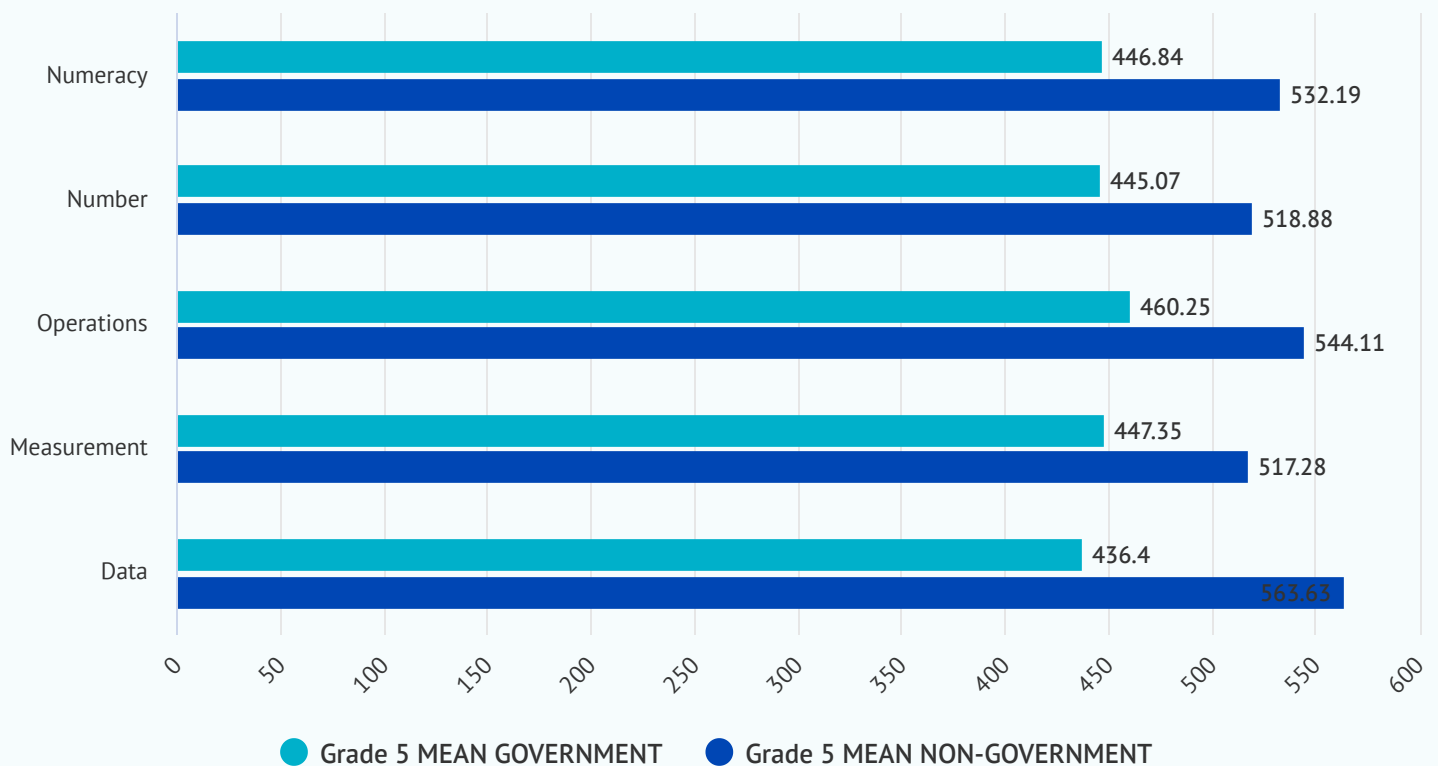


# Grade 5 numeracy performance by school authority

Figure CNF5.5

## Grade 5 numeracy performance by school authority



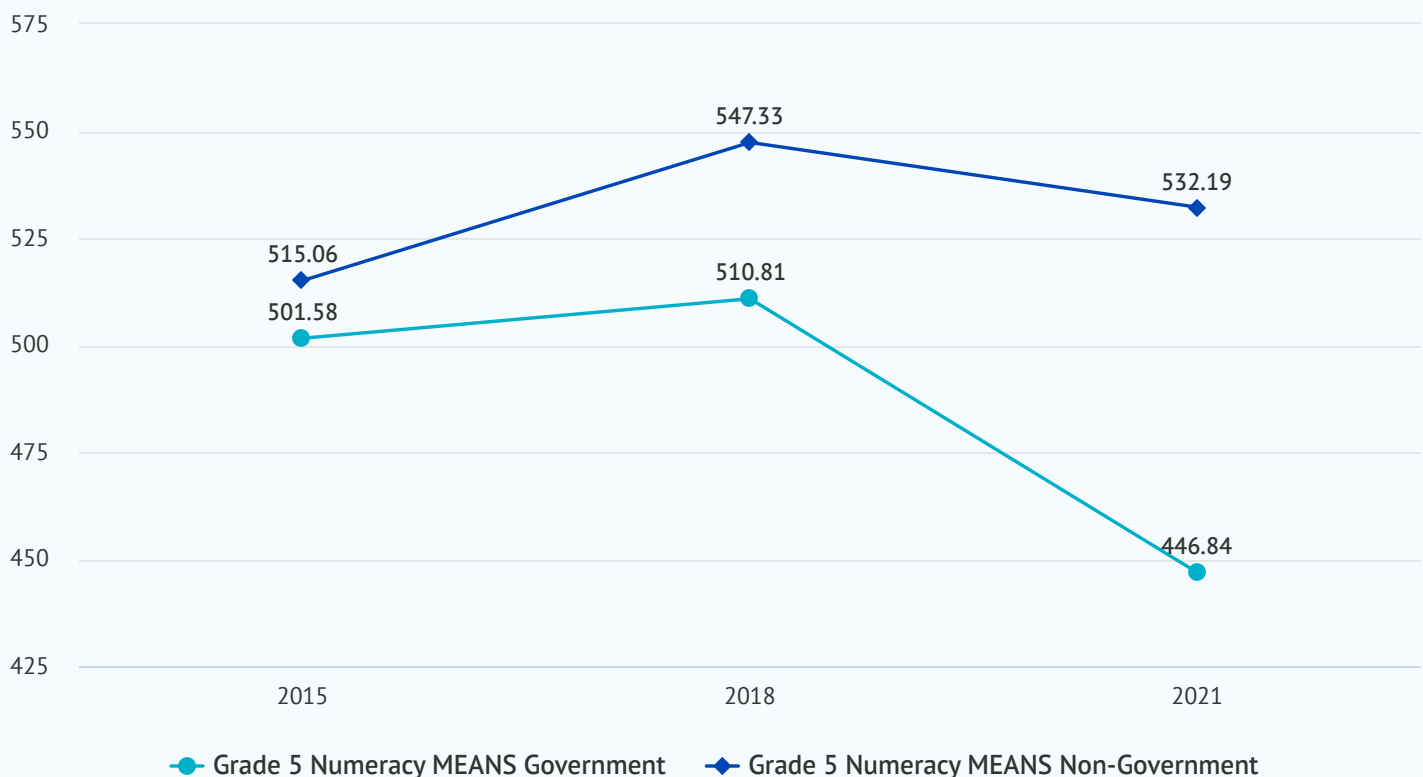
Category	Grade 5 MEAN GOVERNMENT	Grade 5 MEAN NON-GOVERNMENT
Numeracy	446.84	532.19
Number	445.07	518.88
Operations	460.25	544.11
Measurement	447.35	517.28
Data	436.4	563.63

Mean performance of Grade 5 students in domain and strands by school authority, FSM, PILNA 2021

More than eight out of 10 grade five students are enrolled in government schools. Figure CNF5.5 shows the average performance of grade five students by school authority. Students in non-government schools scored higher in the overall numeracy domain and the numeracy strands than did those enrolled in government schools. The greatest difference in performance was in the Data strand, with a 126-point difference on average between grade five students in non-government schools and those in government schools. While this difference is consistent with the previous two PILNA cycles, Figure CNF5.5.1, 2021's results show a greater disparity. More analysis will help to understand whether these differences in scores are statistically significant.

Figure CNF5.5.1

## Grade 5 Numeracy mean performance by school authority over time.

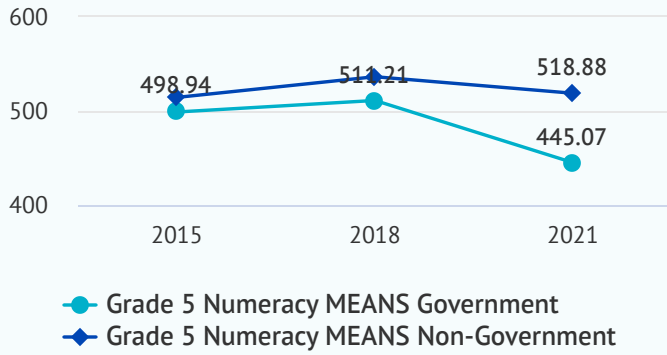


Year	Grade 5 Numeracy MEANS Government	Grade 5 Numeracy MEANS Non-Government
2015	501.58	515.06
2018	510.81	547.33
2021	446.84	532.19

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

Figure CNF5.5.2

Grade 5 Number mean performance by school authority over time

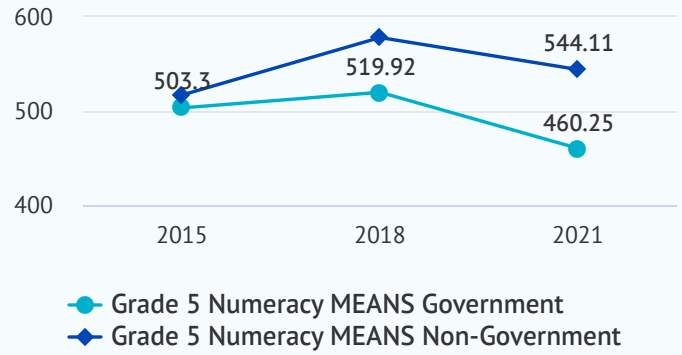


Year	Grade 5 Numeracy MEANS Government	Grade 5 Numeracy MEANS Non-Government
2015	498.94	514.48
2018	511.21	536.46
2021	445.07	518.88

Mean performance of Grade 5 students in Number strand, by school authority, FSM, PILNA 2015, 2018 and 2021

Figure CNF5.5.3

Grade 5 Operations mean performance by school authority over time

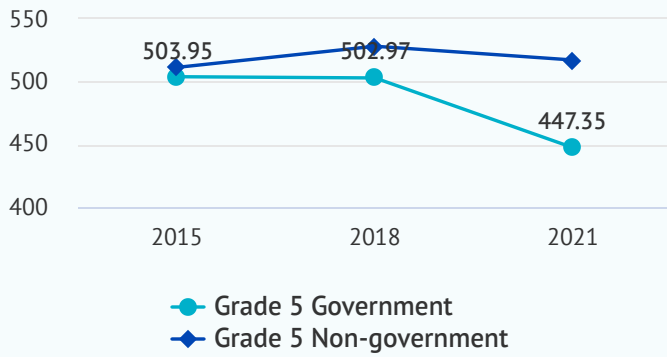


Year	Grade 5 Numeracy MEANS Government	Grade 5 Numeracy MEANS Non-Government
2015	503.3	517.01
2018	519.92	578.17
2021	460.25	544.11

Mean performance of Grade 5 students in operations strand, by school authority, FSM, PILNA 2015, 2018 and 2021

Figure CNF5.5.4

Grade 5 Measurement & Geometry mean performance by school authority over time

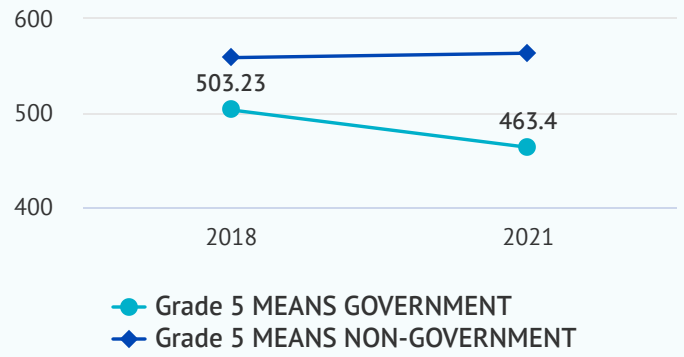


Year	Grade 5 Government	Grade 5 Non-government
2015	503.95	511.39
2018	502.97	528.27
2021	447.35	517.28

Mean performance of Grade 5 students in measurement & geometry strand by school authority, FSM, PILNA 2015, 2018 and 2021

Figure CNF5.5.5

Grade 5 Data mean performance by school authority over time



Year	Grade 5 MEANS GOVERNMENT	Grade 5 MEANS NON-GOVERNMENT
2018	503.23	558.9
2021	463.4	563.63

Mean performance of Grade 5 students in data strand, by school authority, FSM, PILNA 2018 and 2021