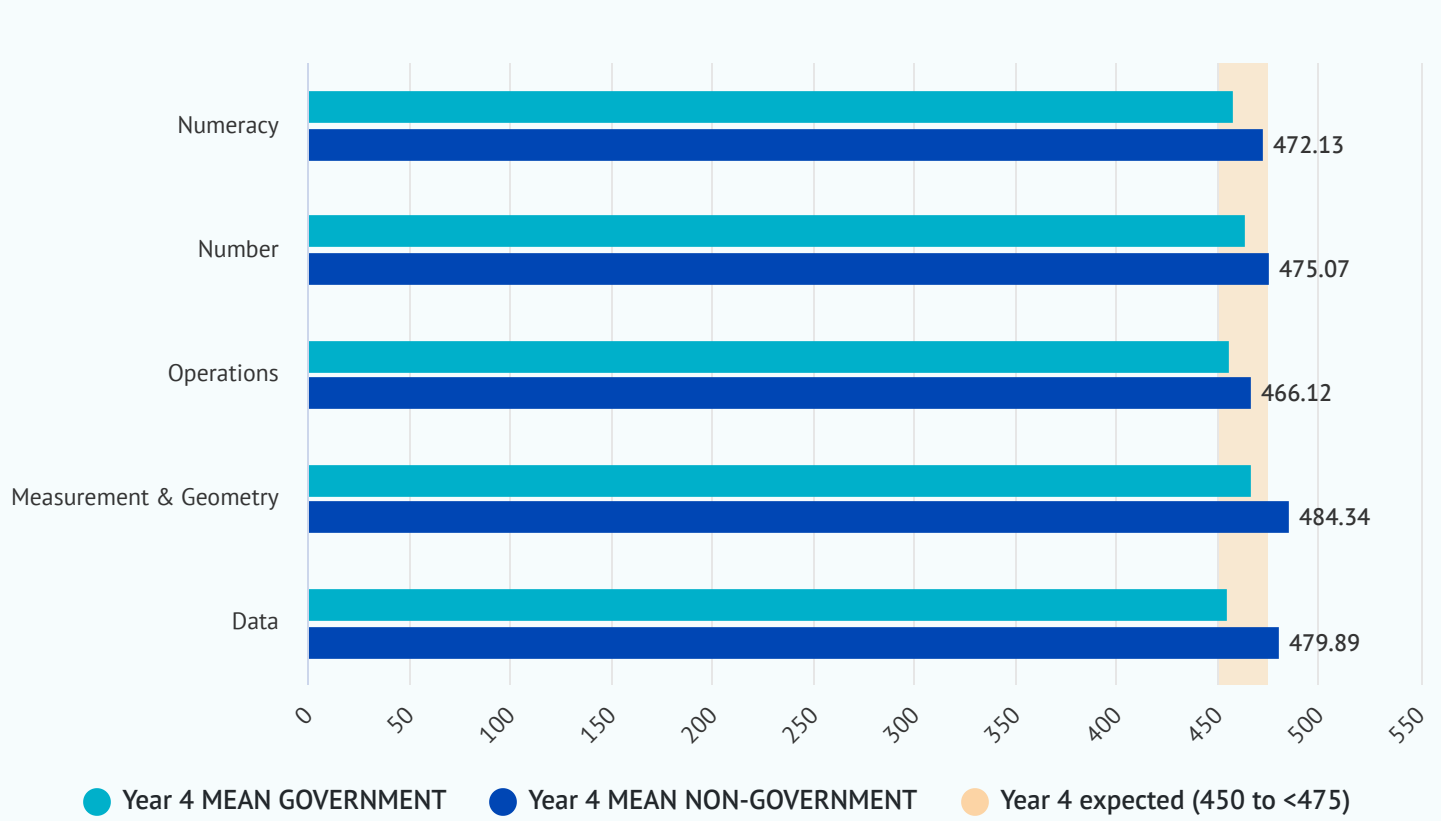


Year 4 numeracy performance by school authority

Figure CNF4.6
Year 4 numeracy performance by school authority



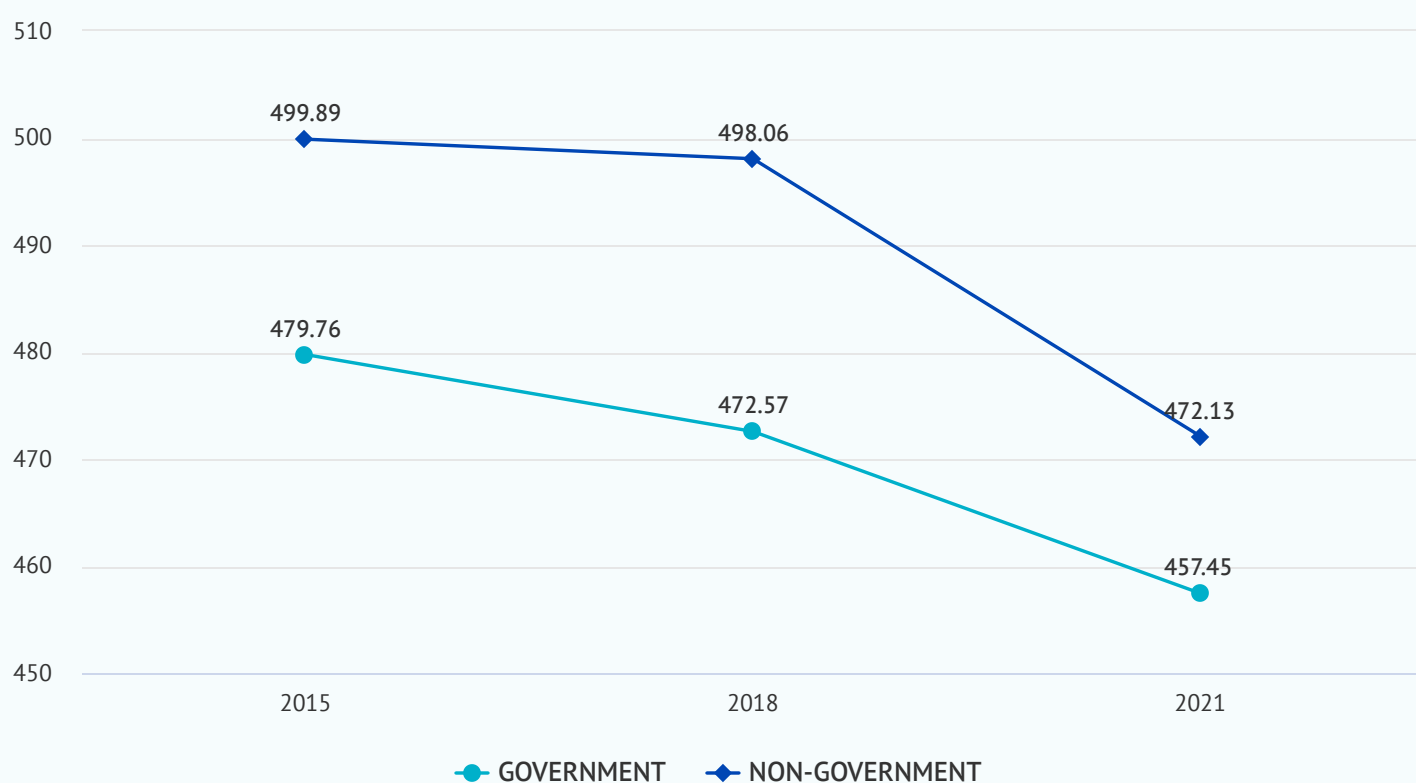
Category	Year 4 MEAN GOVERNMENT	Year 4 MEAN NON-GOVERNMENT
Numeracy	457.45	472.13
Number	462.64	475.07
Operations	455.27	466.12
Measurement & Geometry	466.02	484.34
Data	454.53	479.89

Average Performance of year 4 students by school authority, Cook Is, PILNA 2021

More than 7 out of 10 year four students are enrolled in government schools. Figure CNF4.6 shows the average performance of year four students by school authority. Students in non-government schools scored higher than students in government schools in overall numeracy and all numeracy strands. This is consistent with the trend in previous PILNA cycles. In both 2015 and 2018, students enrolled in non-government schools scored higher in the numeracy domain than those in government schools as seen in Figure CNF4.6.1. Further statistical testing needs to be performed to understand if these differences in scores are significant or the result of chance or outliers.

Figure CNF4.6.1

Year 4 Numeracy mean performance by school authority over time

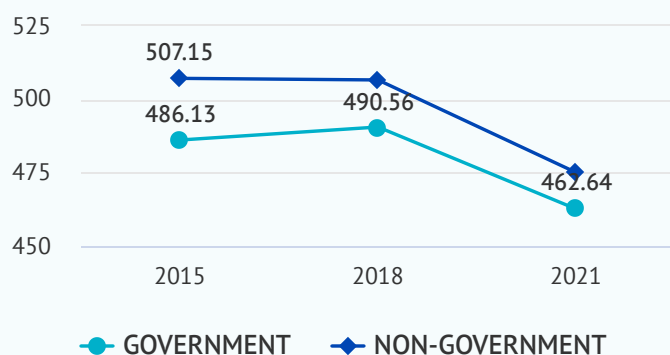


Year	GOVERNMENT	NON-GOVERNMENT
2015	479.76	499.89
2018	472.57	498.06
2021	457.45	472.13

Average performance of year 4 students by school authority, Cook Is, PILNA 2015, 2018, 2021

Figure CNF4.6.2

Year 4 Number mean performance by school authority over time

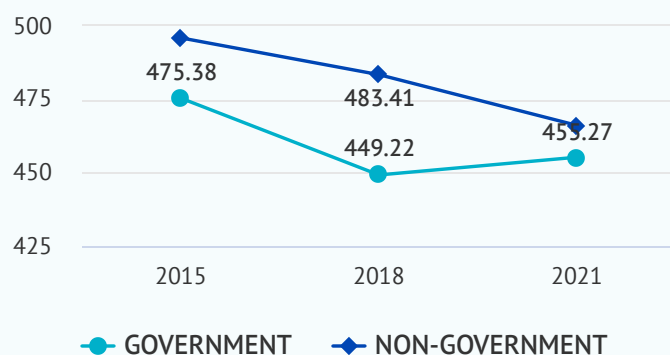


Year	GOVERNMENT	NON-GOVERNMENT
2015	486.13	507.15
2018	490.56	506.61
2021	462.64	475.07

Mean performance of year 4 students in number strand, by school authority, over time, Cook Is, PILNA, 2015, 2018, 2021

Figure CNF4.6.3

Year 4 Operations mean performance by school authority over time

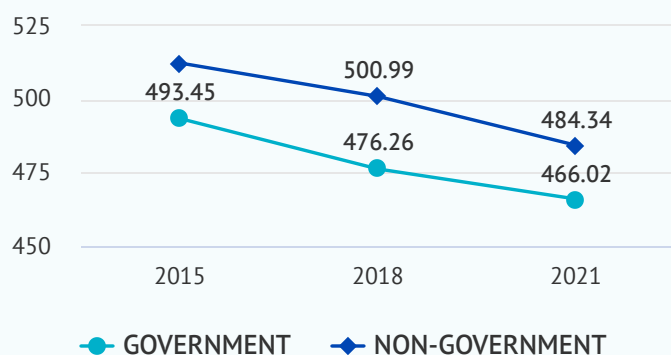


Year	GOVERNMENT	NON-GOVERNMENT
2015	475.38	495.94
2018	449.22	483.41
2021	455.27	466.12

Mean performance of year 4 students in operations strand, by school authority, over time, Cook Is, PILNA, 2015, 2018, 2021

Figure CNF4.6.4

Year 4 Measurement & Geometry mean performance by school authority over time

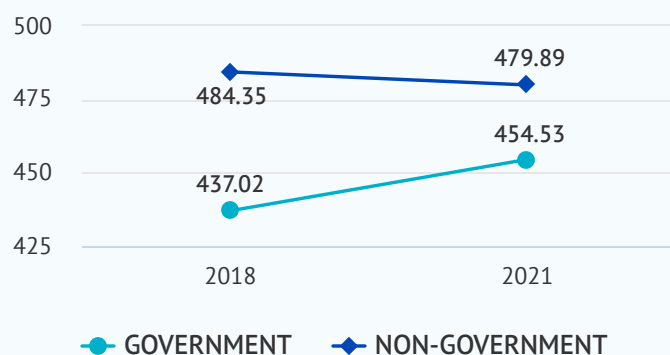


Year	GOVERNMENT	NON-GOVERNMENT
2015	493.45	512.38
2018	476.26	500.99
2021	466.02	484.34

Mean performance of year 4 students in measurement & geometry strand, by school authority, over time, Cook Is, PILNA, 2015, 2018, 2021

Figure CNF4.6.5

Year 4 Data mean performance by school authority over time



Year	GOVERNMENT	NON-GOVERNMENT
2018	437.02	484.35
2021	454.53	479.89

Mean performance of year 4 students in data & chance strand, by school authority, over time, Cook Is, PILNA, 2018, 2021