

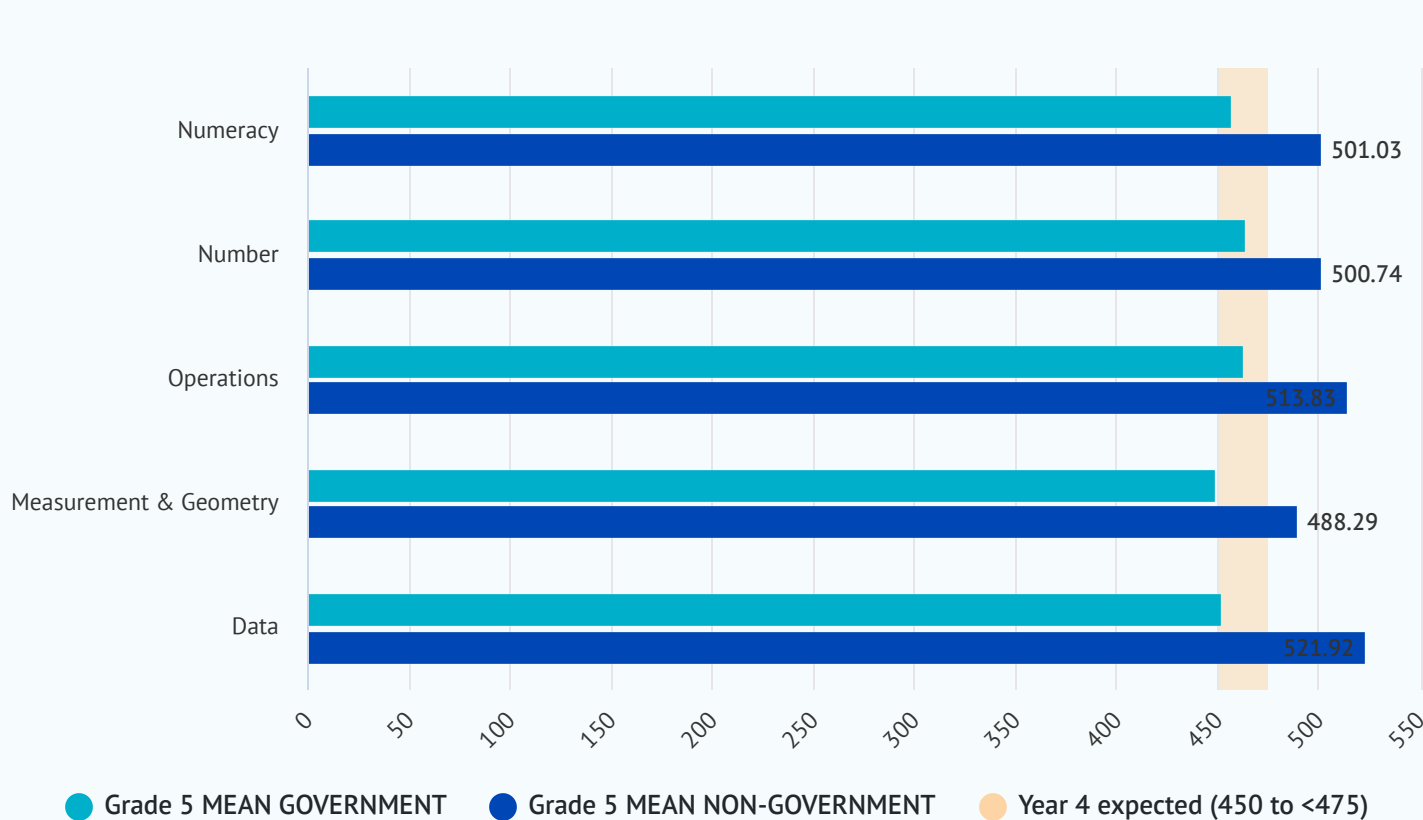
2021 Republic of Marshall Islands Report / Performance / Numeracy / Grade 5 numeracy / Performance by school authority

Grade 5 numeracy performance by school authority

More than eight out of 10 grade five students are enrolled in government schools.

Figure CNF5.5

Grade 5 Numeracy performance by school authority



Category	Grade 5 MEAN GOVERNMENT	Grade 5 MEAN NON-GOVERNMENT
Numeracy	455.61	501.03
Number	462.97	500.74
Operations	462.19	513.83
Measurement & Geometry	447.63	488.29
Data	451.19	521.92

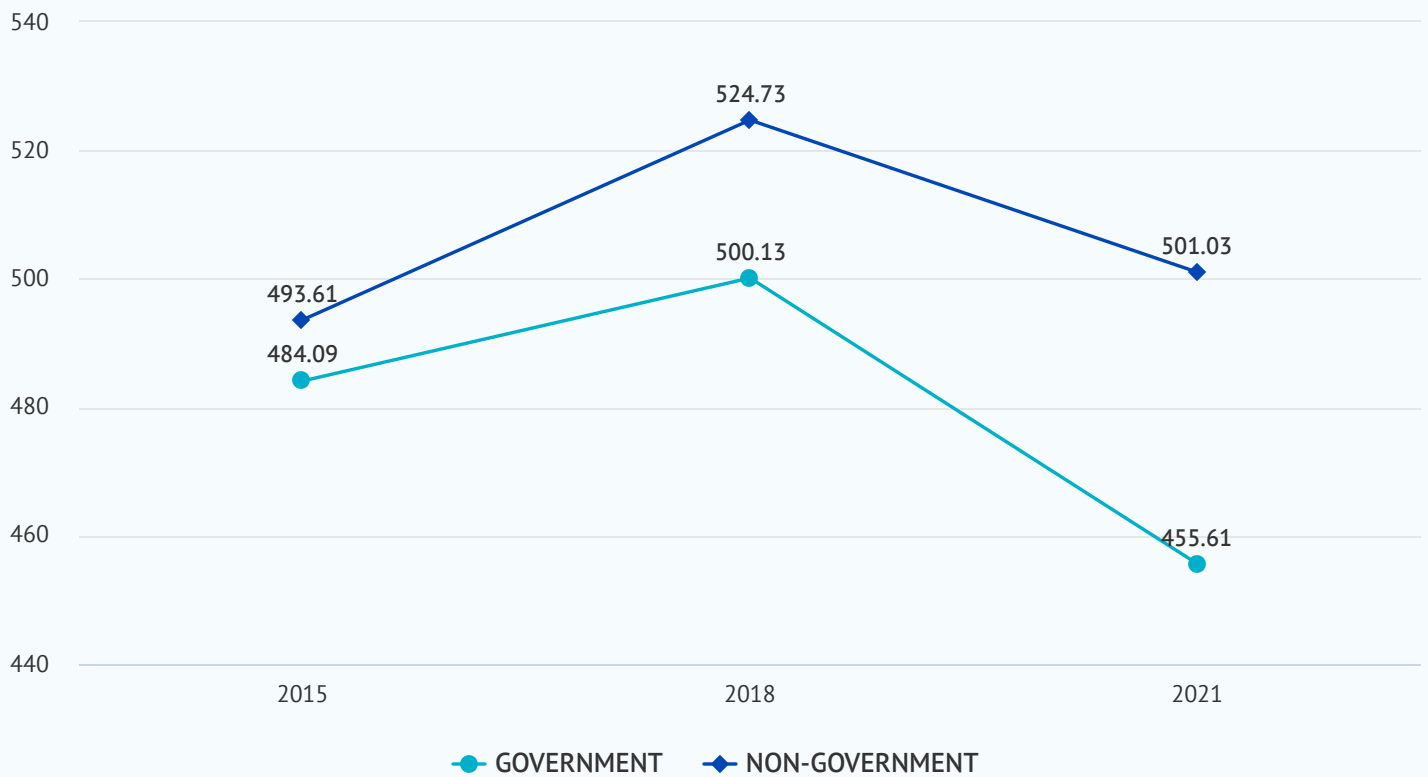
Mean performance of Grade 5 students in domain and strands by school authority, RMI, PILNA 2021

Figure CNF5.5 shows the average performance of grade five students by school authority. Students in non-government schools in Marshall Islands showed higher average performance in the overall numeracy domain and the numeracy strands than those enrolled in government schools. The largest difference in performance was observed in the 'Data' strand, with a 71-point difference on average between grade five students in non-government schools and those in government schools. While the difference in numeracy scores at grade five is consistent with the previous two PILNA cycles, Figure CNF5.5.1,

2021's results show even greater disparity. More analysis will help to understand whether these differences in scores are statistically significant.

Figure CNF5.5.1

Grade 5 Numeracy performance by school authority over time

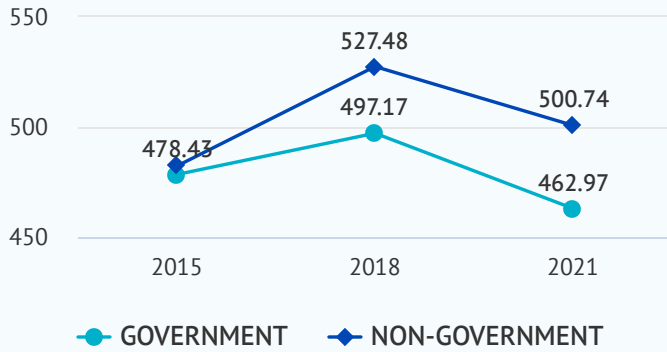


Year	GOVERNMENT	NON-GOVERNMENT
2015	484.09	493.61
2018	500.13	524.73
2021	455.61	501.03

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

Figure CNF5.5.2

Grade 5 Number mean performance by school authority over time

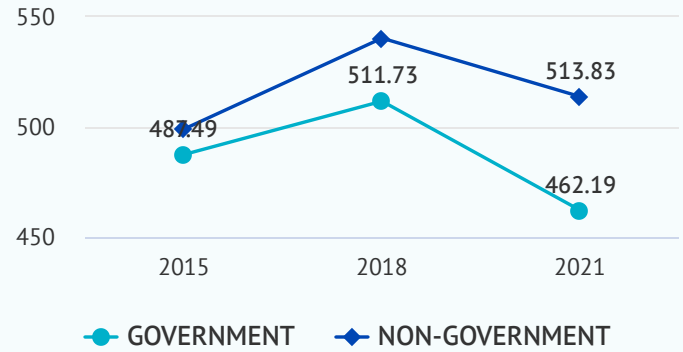


Year	GOVERNMENT	NON-GOVERNMENT
2015	478.43	482.28
2018	497.17	527.48
2021	462.97	500.74

Mean performance of Grade 5 students in number by school authority, RMI, PILNA 2015,2018, 2021

Figure CNF5.5.3

Grade 5 Operation mean performance by school authority over time

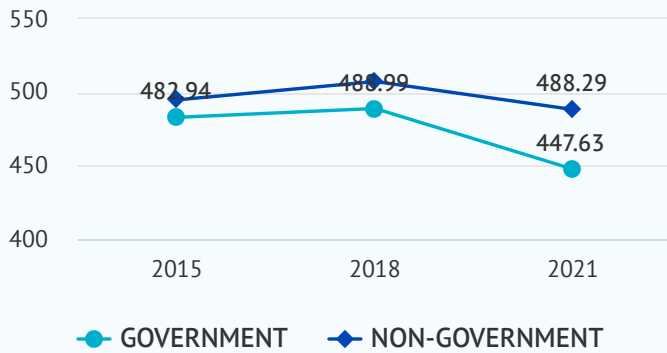


Year	GOVERNMENT	NON-GOVERNMENT
2015	487.49	499.07
2018	511.73	540.39
2021	462.19	513.83

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

Figure CNF5.5.4

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

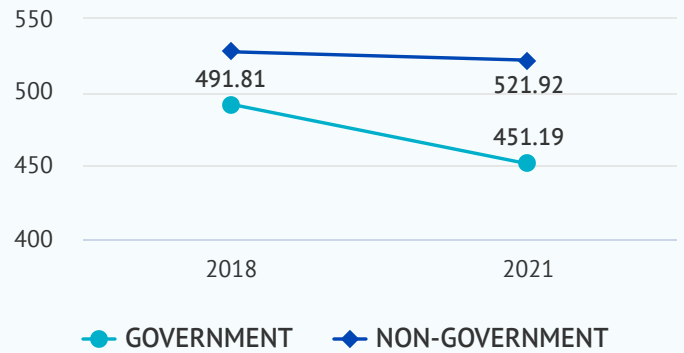


Year	GOVERNMENT	NON-GOVERNMENT
2015	482.94	494.84
2018	488.99	507.39
2021	447.63	488.29

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

Figure CNF5.5.5

Grade 5 Data mean performance by school authority over time



Year	GOVERNMENT	NON-GOVERNMENT
2018	491.81	527.65
2021	451.19	521.92

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