

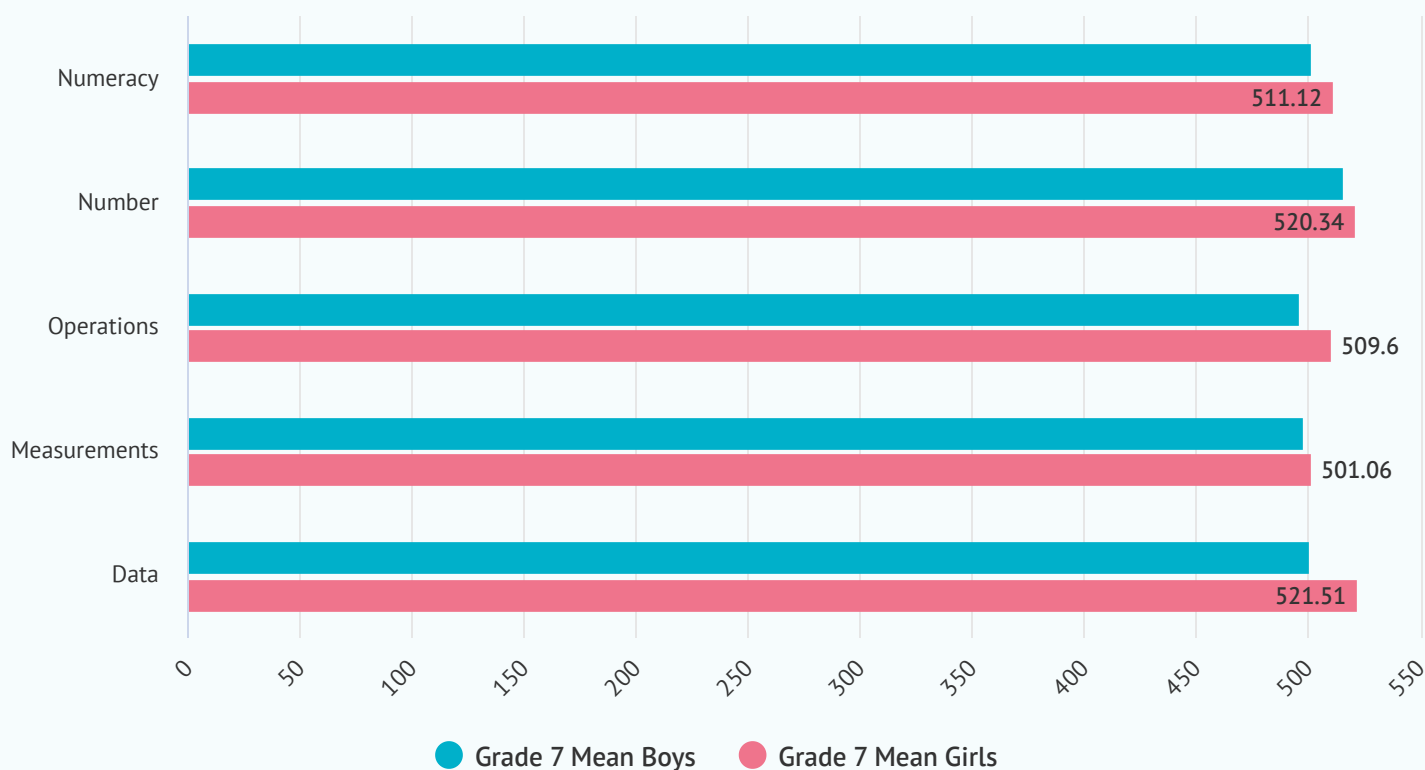
2021 Republic of Marshall Islands Report / Performance / Numeracy / Grade 7 numeracy / Performance by gender

Grade 7 numeracy performance by gender

A roughly equal number of grade seven girls and boys in Marshall Islands had their performance analysed in the PILNA 2021 numeracy assessment: 47% girls and 53% boys.

Figure CNF7.4

Grade 7 numeracy performance by gender



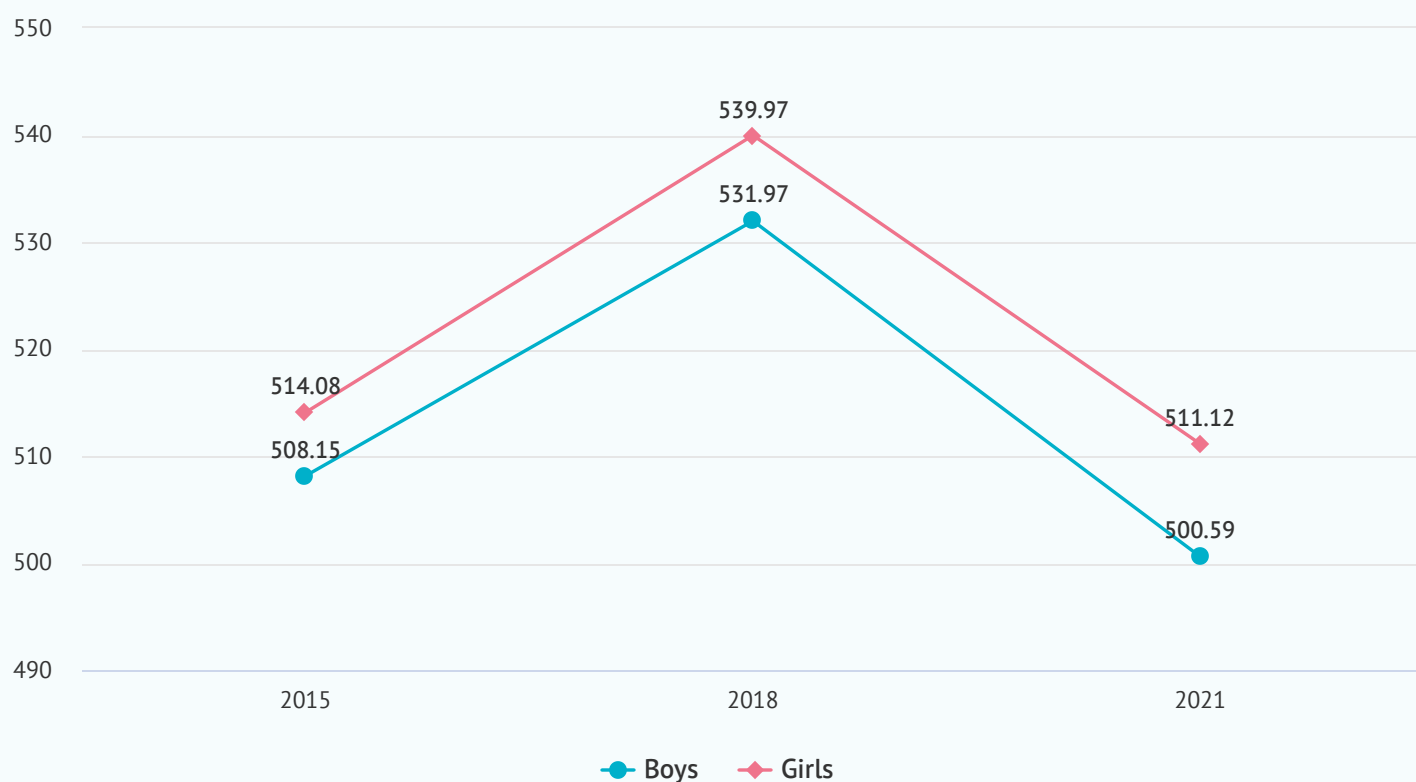
Category	Grade 7 Mean Boys	Grade 7 Mean Girls
Numeracy	500.59	511.12
Number	515.61	520.34
Operations	495.51	509.6
Measurements	497.7	501.06
Data	499.63	521.51

Mean performance of Grade 7 students in domain and stands by gender, RMI, PILNA 2021

Figure CNF7.4 shows the average numeracy performance of grade seven students in Marshall Islands by gender. Grade seven girls scored higher on average than grade seven boys in all numeracy areas, including the overall numeracy score. This was consistent with the scores in 2015 and 2018, when grade seven girls, on average, scored higher than grade seven boys in all numeracy areas, including the overall numeracy score (see Figure CNF7.4.1). Further statistical testing needs to be done to understand if these differences in scores are significant or the result of chance or outliers.

Figure CNF7.4.1

Grade 7 Numeracy mean performance in domain and strands by gender

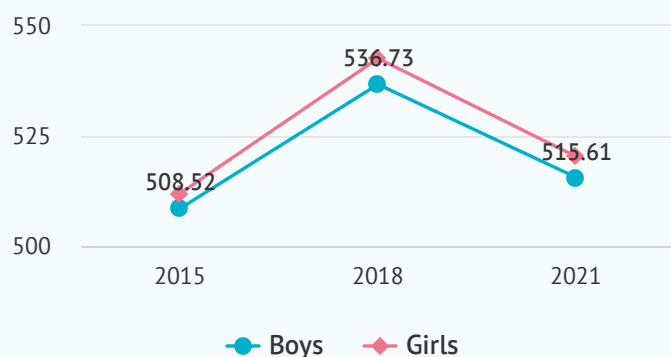


Year	Boys	Girls
2015	508.15	514.08
2018	531.97	539.97
2021	500.59	511.12

Mean performance of Grade 7 students in numeracy by gender, RMI, PILNA 2015, 2018 and 2021

Figure CNF7.4.2

Grade 7 Number mean performance by gender over time

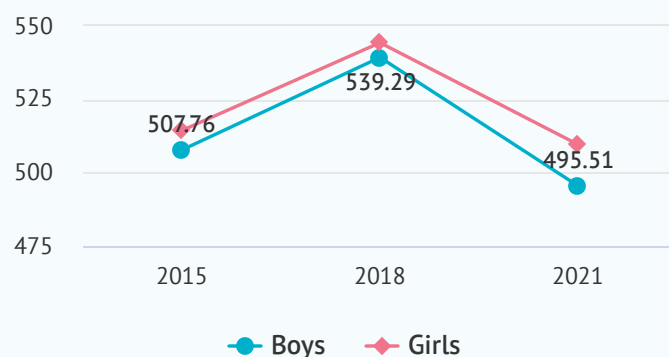


Year	Boys	Girls
2015	508.52	511.94
2018	536.73	542.63
2021	515.61	520.34

Mean performance of Grade 7 students in number by gender, RMI, PILNA 2015, 2018 and 2021

Figure CNF7.4.3

Grade 7 Operation mean performance by gender over time

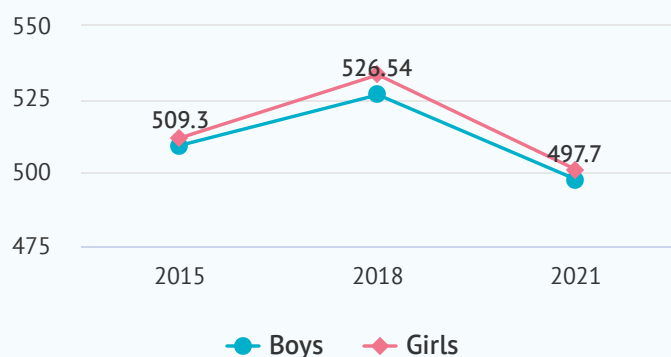


Year	Boys	Girls
2015	507.76	514.4
2018	539.29	544.31
2021	495.51	509.6

Mean performance of Grade 7 students in operations by gender, RMI, PILNA 2015, 2018 and 2021

Figure CNF7.4.4

Grade 7 Measurement & Geometry mean performance by gender over time

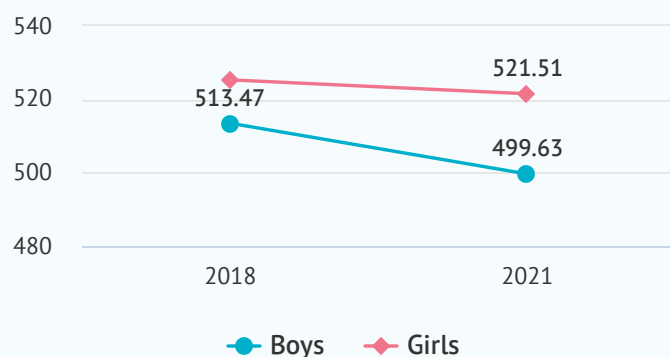


Year	Boys	Girls
2015	509.3	511.84
2018	526.54	533.35
2021	497.7	501.06

Mean performance of Grade 7 students in measurement and geometry by gender, RMI, PILNA 2015, 2018 and 2021

Figure CNF7.4.5

Grade 7 Data & Chance mean performance by gender over time



Year	Boys	Girls
2018	513.47	525.31
2021	499.63	521.51

Mean performance of Grade 7 students in data and chance by gender, RMI, PILNA 2018 and 2021