

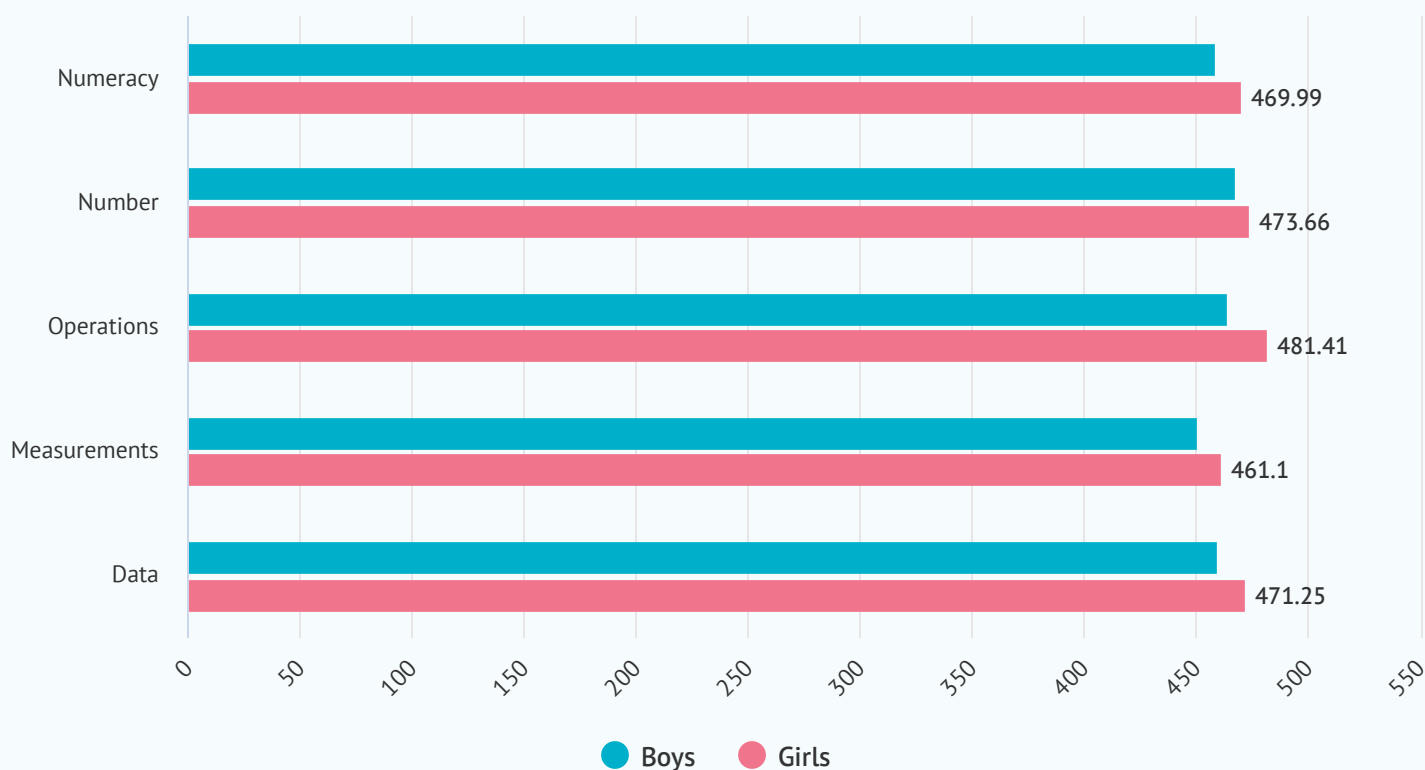
2021 Republic of Marshall Islands Report / Performance / Numeracy / Grade 5 numeracy / Performance by gender

Grade five numeracy performance by gender

A roughly equal number of grade five girls and boys in Marshall Islands had their performance analysed in the PILNA 2021 numeracy assessment: 49% girls and 51% boys.

Figure CNF5.4

Grade 5 Numeracy performance by gender



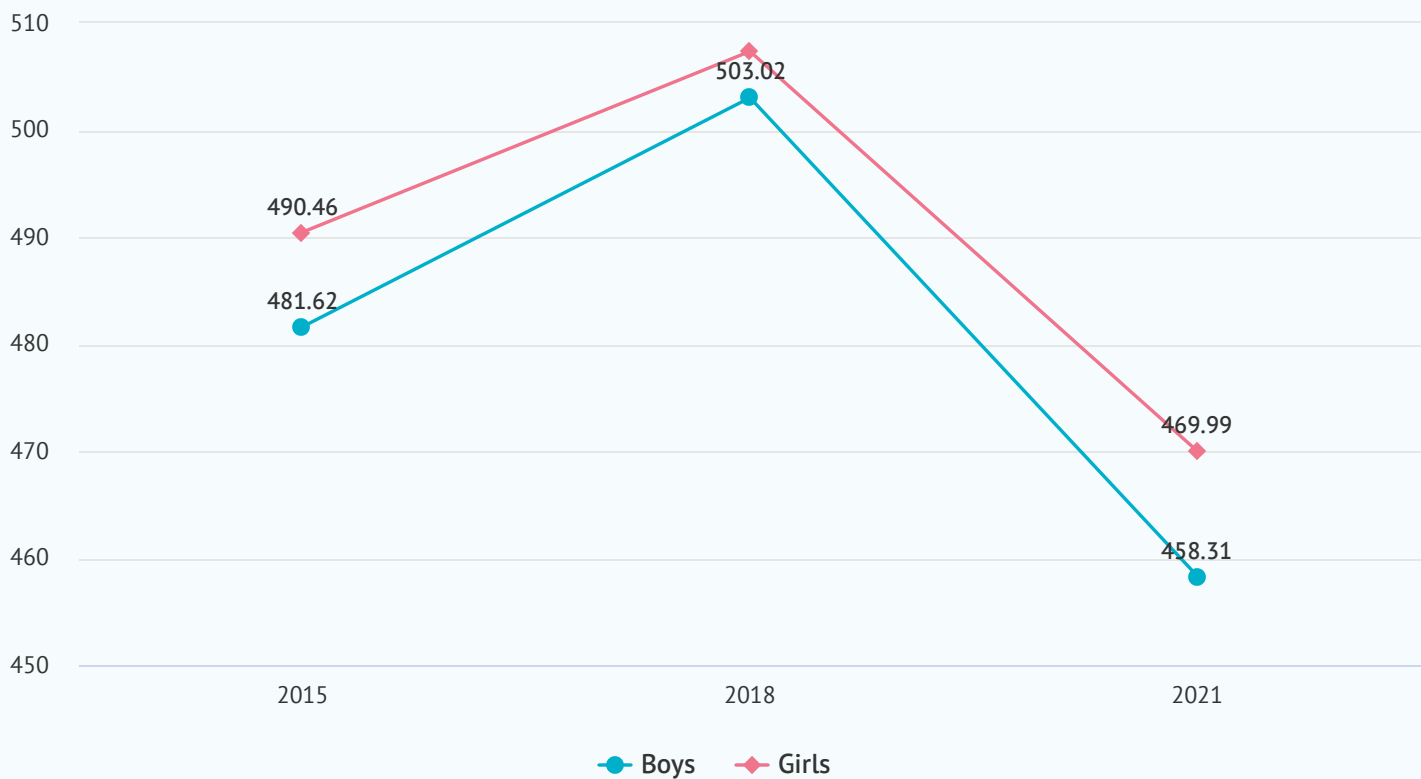
Category	Boys	Girls
Numeracy	458.31	469.99
Number	467.03	473.66
Operations	463.2	481.41
Measurements	449.94	461.1
Data	458.54	471.25

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

Figure CNF5.4 shows the average numeracy performance of grade five students in Marshall Islands by gender. Grade five girls scored higher on average than grade five boys in all numeracy areas, including the overall numeracy score. This was consistent with the scores in 2015 and 2018, as seen in Figure CNF5.4.1, when grade five girls, on average, scored higher than grade five boys in all numeracy areas, including the overall numeracy score. Further statistical testing needs to be done to understand if these differences in scores are significant or the result of chance or outliers.

Figure CNF5.4.1

Grade 5 Numeracy mean performance by gender over time

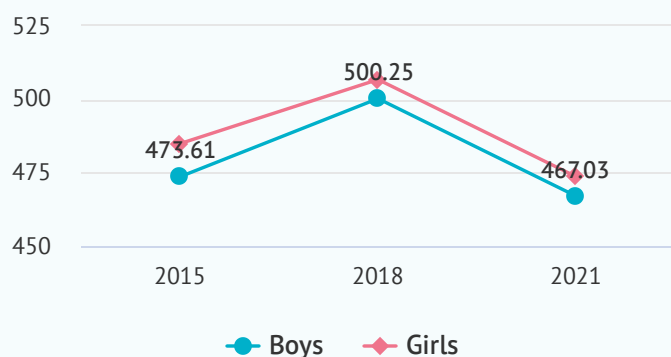


Year	Boys	Girls
2015	481.62	490.46
2018	503.02	507.35
2021	458.31	469.99

Mean performance of Grade 5 students in numeracy by gender, RMI, PILNA 2015, 2018 and 2021

Figure CN5.4.2

Grade 5 Number mean performance by gender over time

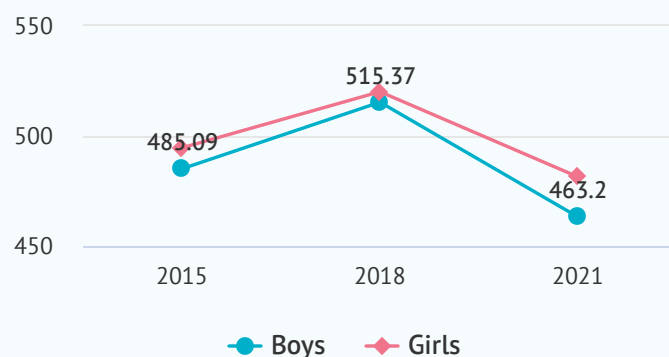


Year	Boys	Girls
2015	473.61	484.9
2018	500.25	506.75
2021	467.03	473.66

Mean performance of Grade 5 students in number by gender, RMI, PILNA 2015, 2018 and 2021

Figure CNF5.4.3

Grade 5 Operation mean performance by gender over time

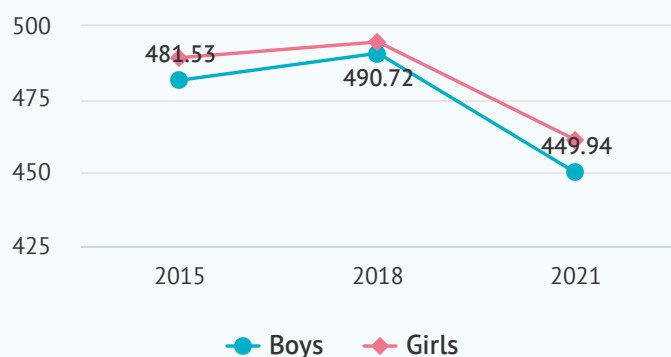


Year	Boys	Girls
2015	485.09	494.64
2018	515.37	520.13
2021	463.2	481.41

Mean performance of Grade 5 students in operations by gender, RMI, PILNA 2015, 2018 and 2021

Figure CNF5.4.4

Grade 5 Measurements & geometry mean performance by gender over time

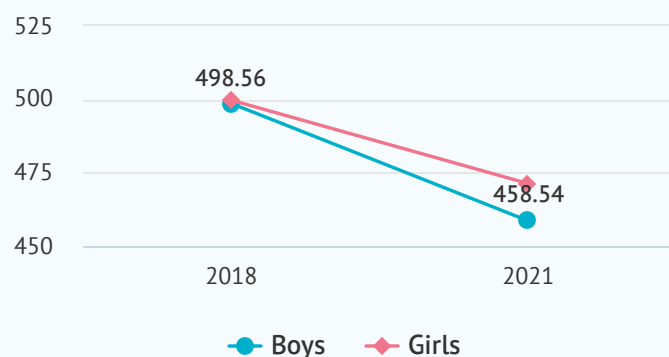


Year	Boys	Girls
2015	481.53	489.21
2018	490.72	494.58
2021	449.94	461.1

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

Figure CNF5.4.5

Grade 5 Data mean performance by gender over time



Year	Boys	Girls
2018	498.56	499.69
2021	458.54	471.25

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