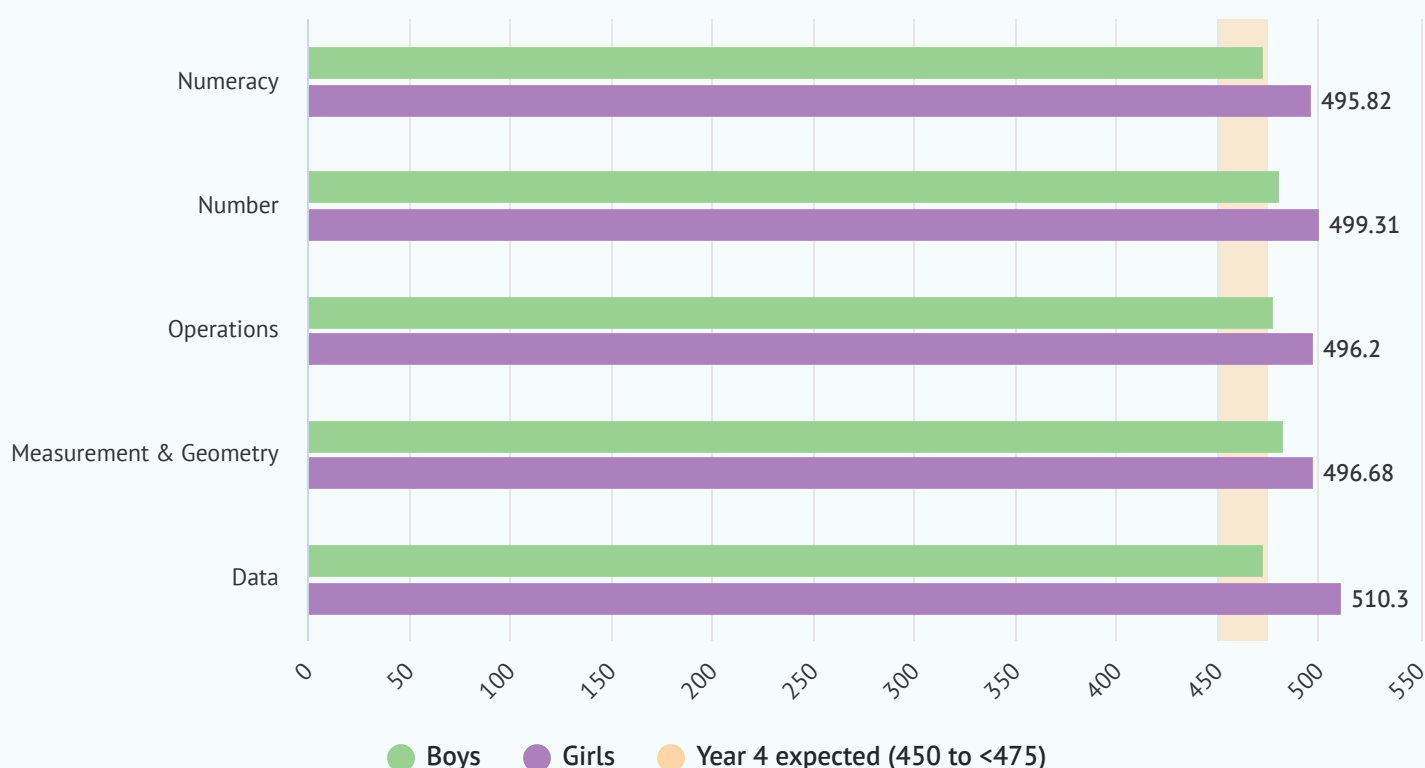


Year 4 numeracy performance by gender

Figure CNF4.4

Year 4 Numeracy performance by gender



Category	Boys	Girls
Numeracy	471.62	495.82
Number	479.51	499.31
Operations	476.73	496.2
Measurement & Geometry	482.09	496.68
Data	471.46	510.3

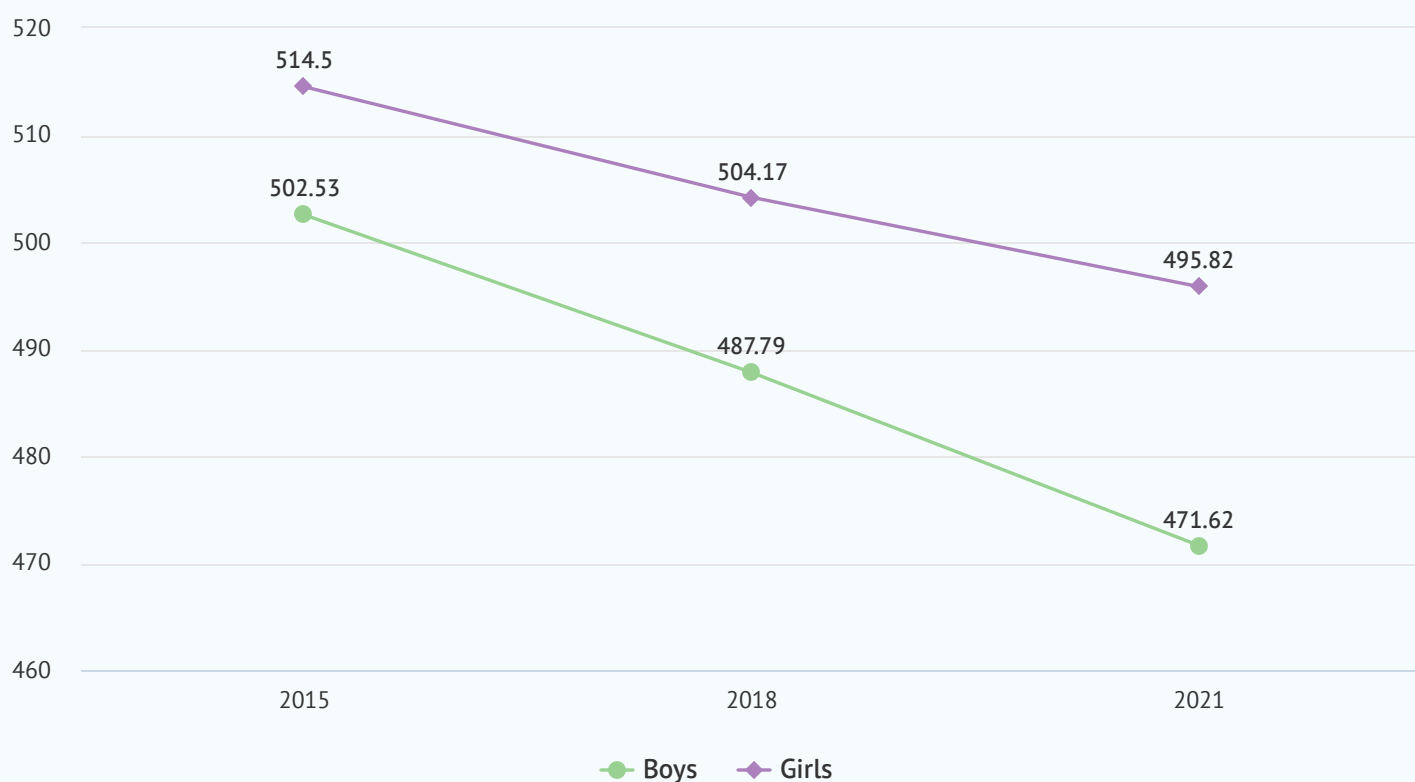
Mean performance of Year 4 students in domain and strands by gender, SIS, PILNA 2021.

Slightly more year four boys than girls in Small Island States had their performance analysed in the PILNA 2021 numeracy assessment: 480 girls and 532 boys.

Figure CNF4.4 shows the average numeracy performance of year four students in Small Island States by gender. Year four girls scored higher than year four boys in all numeracy areas, including the overall numeracy score. This was consistent with the scores in PILNA 2015 and 2018, as seen in Figure CNF4.4.1, when year four girls, on average, scored higher than year four 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 CNF4.4.1

Year 4 Numeracy mean performance by gender over time

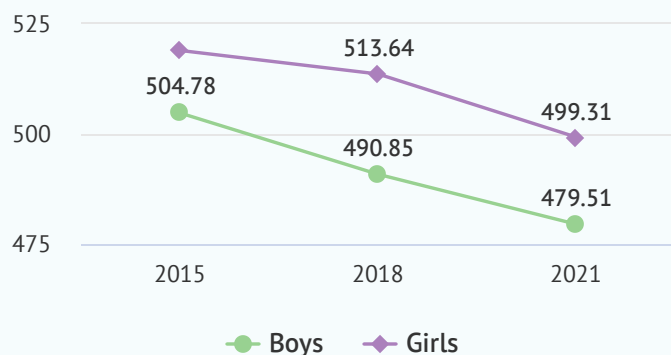


Year	Boys	Girls
2015	502.53	514.5
2018	487.79	504.17
2021	471.62	495.82

Mean performance of Year 4 students in numeracy by gender over time, SIS, PILNA 2015, 2018 and 2021.

Figure CNF4.4.2

Year 4 Number mean performance by gender over time

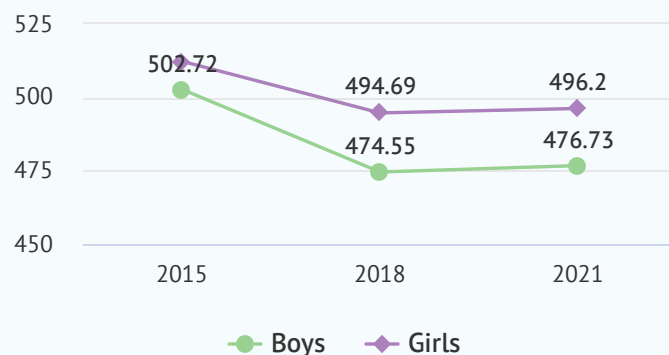


Year	Boys	Girls
2015	504.78	518.99
2018	490.85	513.64
2021	479.51	499.31

Mean performance of Year 4 students in number by gender over time, PNG, PILNA 2015, 2018 and 2021.

Figure CNF4.4.3

Year 4 Operations mean performance by gender over time

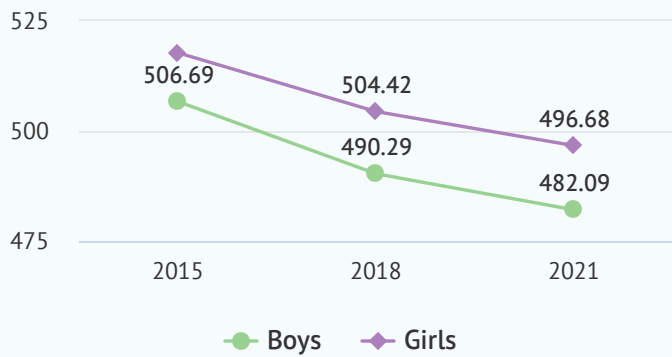


Year	Boys	Girls
2015	502.72	512.29
2018	474.55	494.69
2021	476.73	496.2

Mean performance of Year 4 students in operations by gender over time, SIS, PILNA 2015, 2018 and 2021.

Figure CNF4.4.4

Year 4 Measurement & Geometry mean performance by gender over time

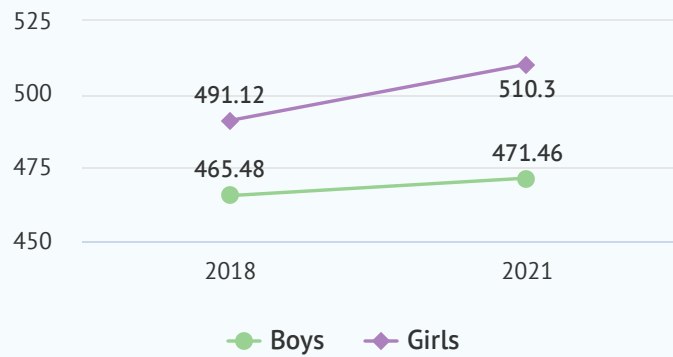


Year	Boys	Girls
2015	506.69	517.78
2018	490.29	504.42
2021	482.09	496.68

Mean performance of Year 4 students in measurement and geometry by gender over time, SIS, PILNA 2015, 2018 and 2021.

Figure CNF4.4.5

Year 4 Data mean performance by gender over time



Year	Boys	Girls
2018	465.48	491.12
2021	471.46	510.3

Mean performance of Year 4 students in data by gender over time, SIS, PILNA 2018 and 2021.