

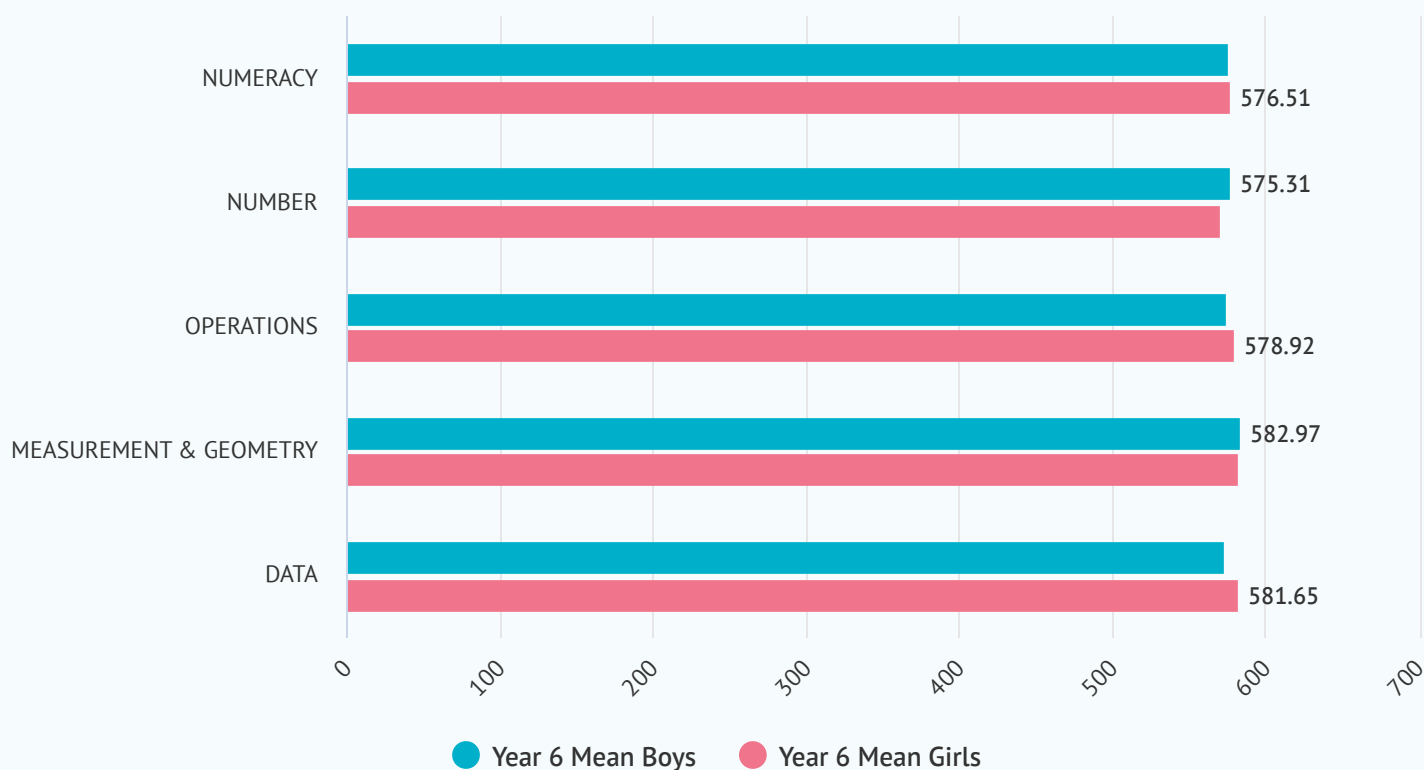
2021 Solomon Islands Report / Performance / Numeracy / Year 6 numeracy / Performance by gender

Year 6 numeracy performance by gender

A roughly equal number of year six girls and boys in Solomon Islands had their performance analysed in the PILNA 2021 numeracy assessment: 52% girls and 48% boys.

Figure CNF6.4

Year 6 numeracy performance by gender



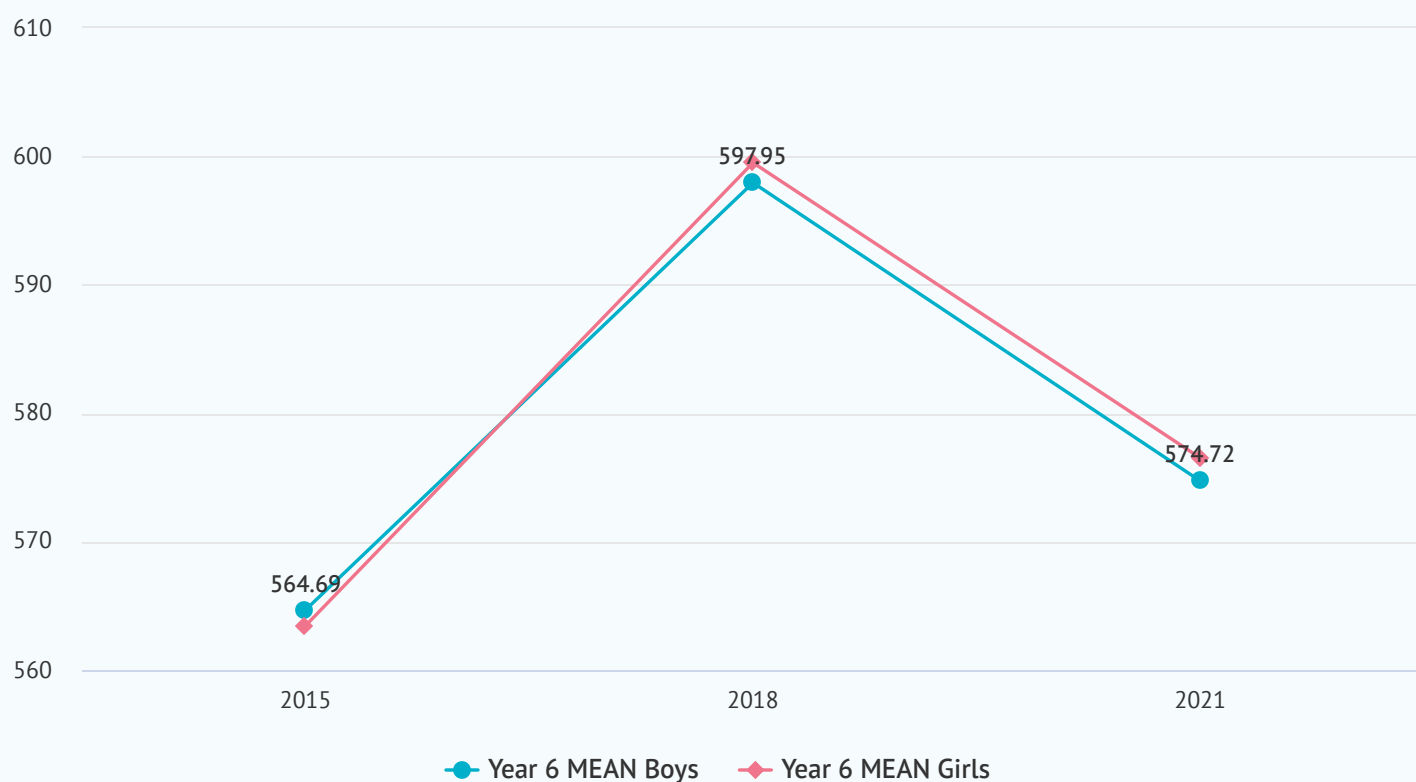
Category	Year 6 Mean Boys	Year 6 Mean Girls
NUMERACY	574.72	576.51
NUMBER	575.31	569.15
OPERATIONS	573.39	578.92
MEASUREMENT & GEOMETRY	582.97	581.71
DATA	571.99	581.65

Mean performance of Year 6 students in domain and strands by gender, Solomon Islands, PILNA 2021

Figure CNF6.4 shows the average numeracy performance of year six students in Solomon Islands by gender. Year six girls scored about the same as year six boys in all numeracy areas, including the overall numeracy score. This was consistent with the trend in the previous two PILNA cycles. In 2015 and 2018, year six girls, on average, scored about the same as year six boys in all numeracy areas, including the overall numeracy score (see Figures CNF6.4.1-6.4.5). Further statistical testing needs to be done to understand if these differences in scores are significant or the result of chance or outliers.

Figure CNF6.4.1

Year 6 Numeracy mean performance by gender over time

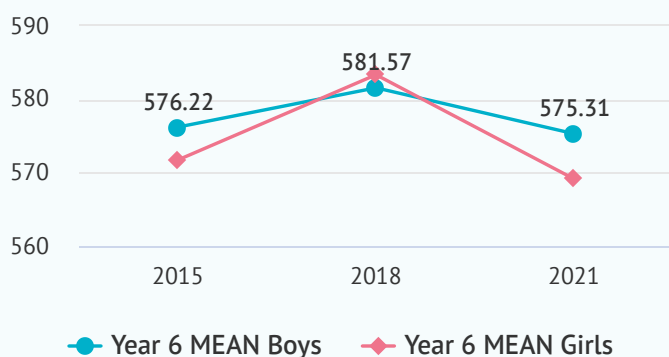


Year	Year 6 MEAN Boys	Year 6 MEAN Girls
2015	564.69	563.46
2018	597.95	599.51
2021	574.72	576.51

Mean performance of Year 6 students in numeracy by gender, Solomon Islands, PILNA 2015, 2018 and 2021

Figure CNF6.4.2

Year 6 Number mean performance by gender over time

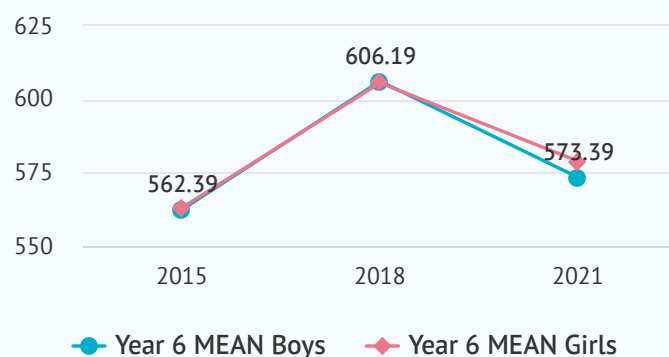


Year	Year 6 MEAN Boys	Year 6 MEAN Girls
2015	576.22	571.74
2018	581.57	583.35
2021	575.31	569.15

Mean performance of Year 6 students in number by gender, Solomon Islands, PILNA 2015, 2018 and 2021

Figure CNF6.4.3

Year 6 Operation mean performance by gender over time

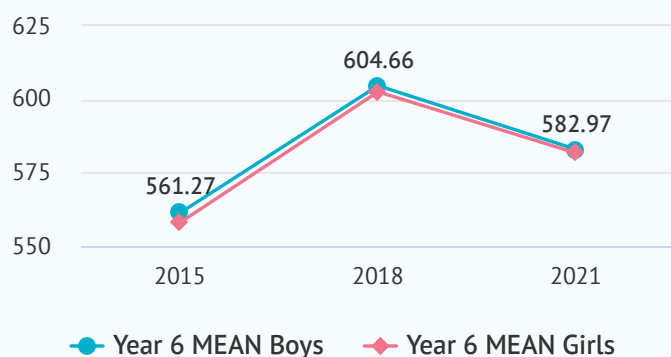


Year	Year 6 MEAN Boys	Year 6 MEAN Girls
2015	562.39	563.06
2018	606.19	605.62
2021	573.39	578.92

Mean performance of Year 6 students in operations by gender, Solomon Islands, PILNA 2015, 2018 and 2021

Figure CNF6.4.4

Year 6 Measurement & Geometry mean performance by gender over time

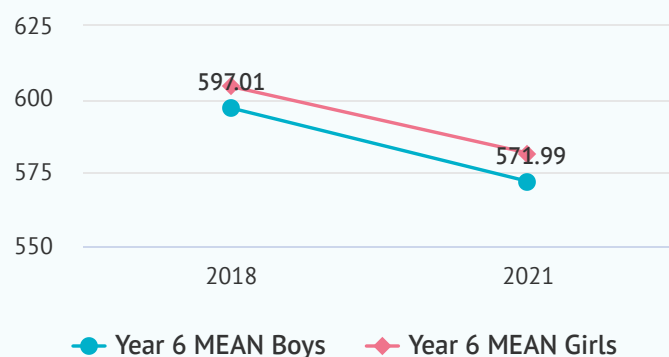


Year	Year 6 MEAN Boys	Year 6 MEAN Girls
2015	561.27	557.99
2018	604.66	602.56
2021	582.97	581.71

Mean performance of Year 6 students in measurement and geometry by gender, Solomon Islands, PILNA 2015, 2018 and 2021

Figure CNF6.4.5

Year 6 Data & Chance mean performance by gender over time



Year	Year 6 MEAN Boys	Year 6 MEAN Girls
2018	597.01	604.34
2021	571.99	581.65

Mean performance of Year 6 students in data and chance by gender, Solomon Islands, PILNA 2018 and 2021