



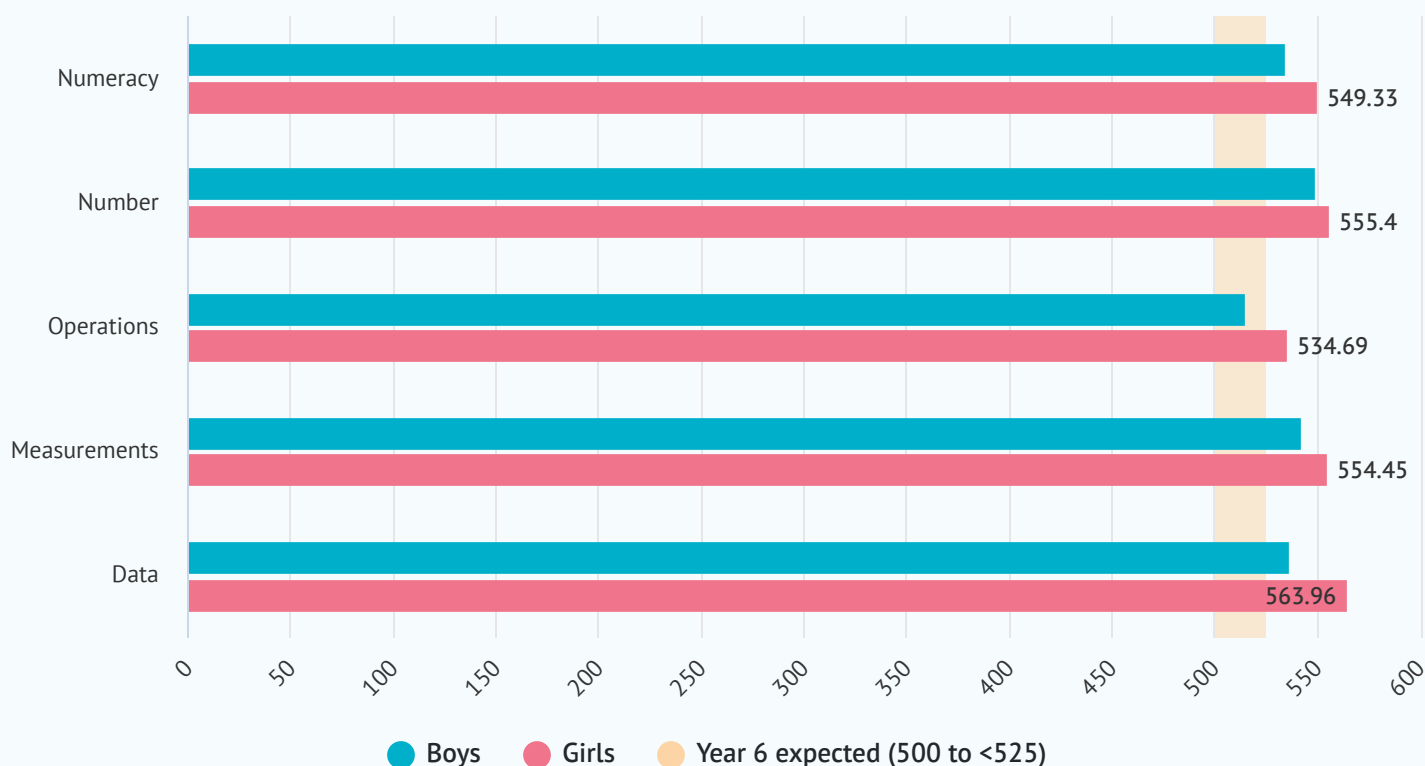
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Year 6 numeracy performance by gender

A roughly equal number of year six girls and boys in Cook Islands had their performance analysed in the PILNA 2021 numeracy assessment, with the distribution being 46% girls and 54% boys.

Figure CNF6.5

Year 6 Numeracy mean performance in domain and strands by gender over time



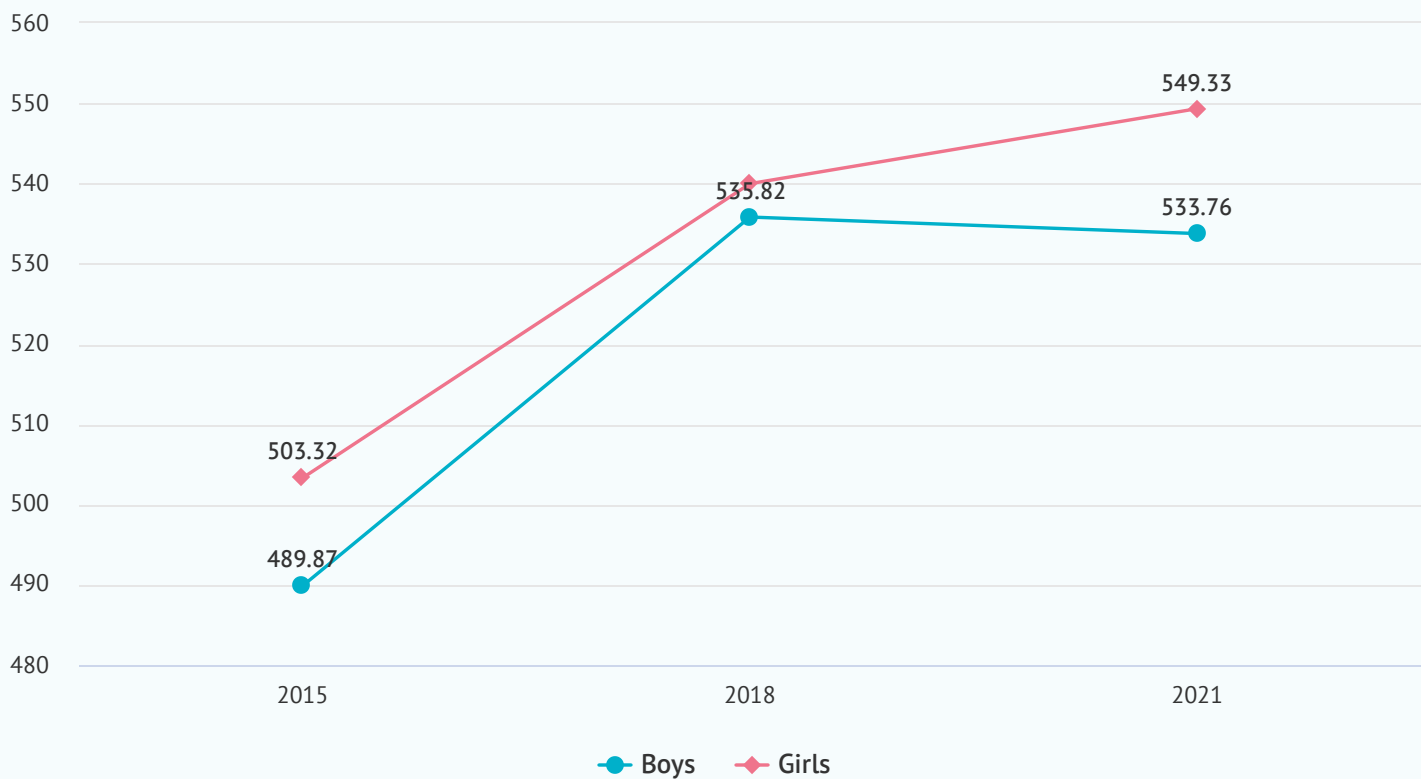
Category	Boys	Girls
Numeracy	533.76	549.33
Number	548.06	555.4
Operations	514.4	534.69
Measurements	541.46	554.45
Data	536.08	563.96

Mean performance of year 6 students in numeracy, by gender, over time, Cook Is, PILNA 2015, 2018, 2021

Figure CNF6.5 shows the average numeracy performance of year six students in Cook Islands by gender. Year six girls scored higher than year six boys in all numeracy areas, including the overall numeracy score. This was consistent with the trend across the previous two PILNA cycles. In 2015 and 2018, year six girls, on average, scored higher than year six boys in all numeracy areas, including the overall numeracy score (see FigureCNF6.5.1). Further statistical testing needs to be performed to understand if these differences in scores are significant or the result of chance or outliers.

Figure CNF6.5.1

Year 6 Numeracy mean performance by gender over time

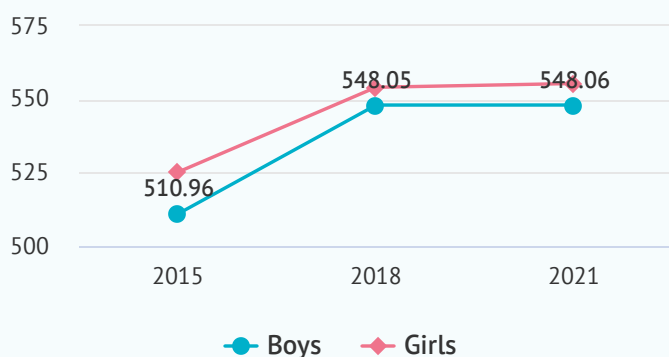


Year	Boys	Girls
2015	489.87	503.32
2018	535.82	539.98
2021	533.76	549.33

Mean performance of Year 6 students in numeracy, by gender, over time, Cook Is, PILNA, 2015, 2018, 2021

Figure CNF6.5.2

Year 6 Number mean performance by gender over time

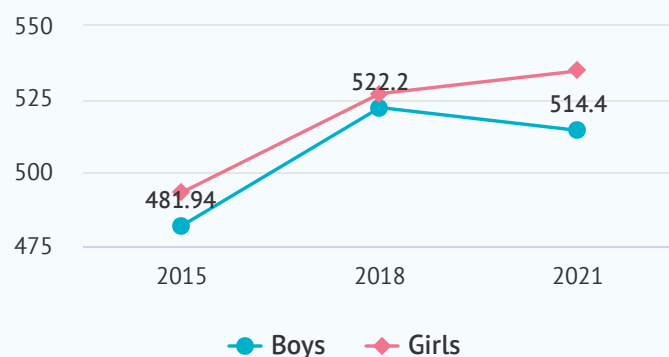


Year	Boys	Girls
2015	510.96	525.2
2018	548.05	554.11
2021	548.06	555.4

Mean performance of year 6 students in number strand, by gender, over time, Cook Is, PILNA, 2015, 2018, 2021

Figure CNF6.5.3

Year 6 Operations mean performance by gender over time

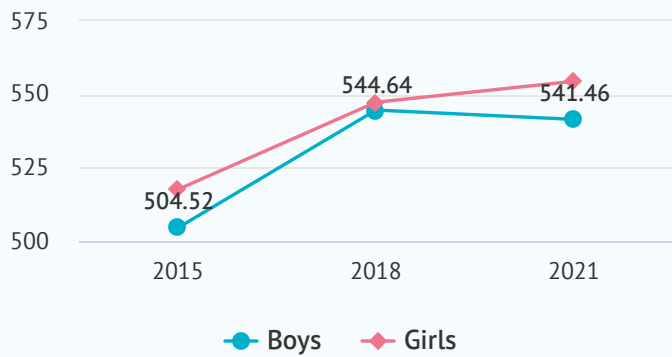


Year	Boys	Girls
2015	481.94	493.29
2018	522.2	526.95
2021	514.4	534.69

Mean performance of year 6 students in operations strand, by gender, over time, Cook Is, PILNA, 2015, 2018, 2021

Figure CNF6.5.4

Year 6 Measurement & Geometry mean performance by gender over time

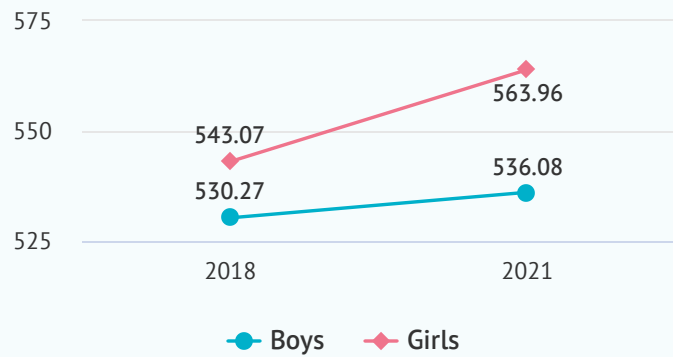


Year	Boys	Girls
2015	504.52	517.58
2018	544.64	547.32
2021	541.46	554.45

Mean performance of year 6 students in measurement & geometry strand, by gender, over time, Cook Is, PILNA, 2015, 2018, 2021

Figure CNF6.5.5

Year 6 Data & Chance mean performance by gender over time



Year	Boys	Girls
2018	530.27	543.07
2021	536.08	563.96

Mean performance of year 6 students in data & chance strand, by gender, over time, Cook Is, PILNA, 2018, 2021