

2021 Papua New Guinea Report / Performance / Numeracy / Grade 5 numeracy / Performance by gender

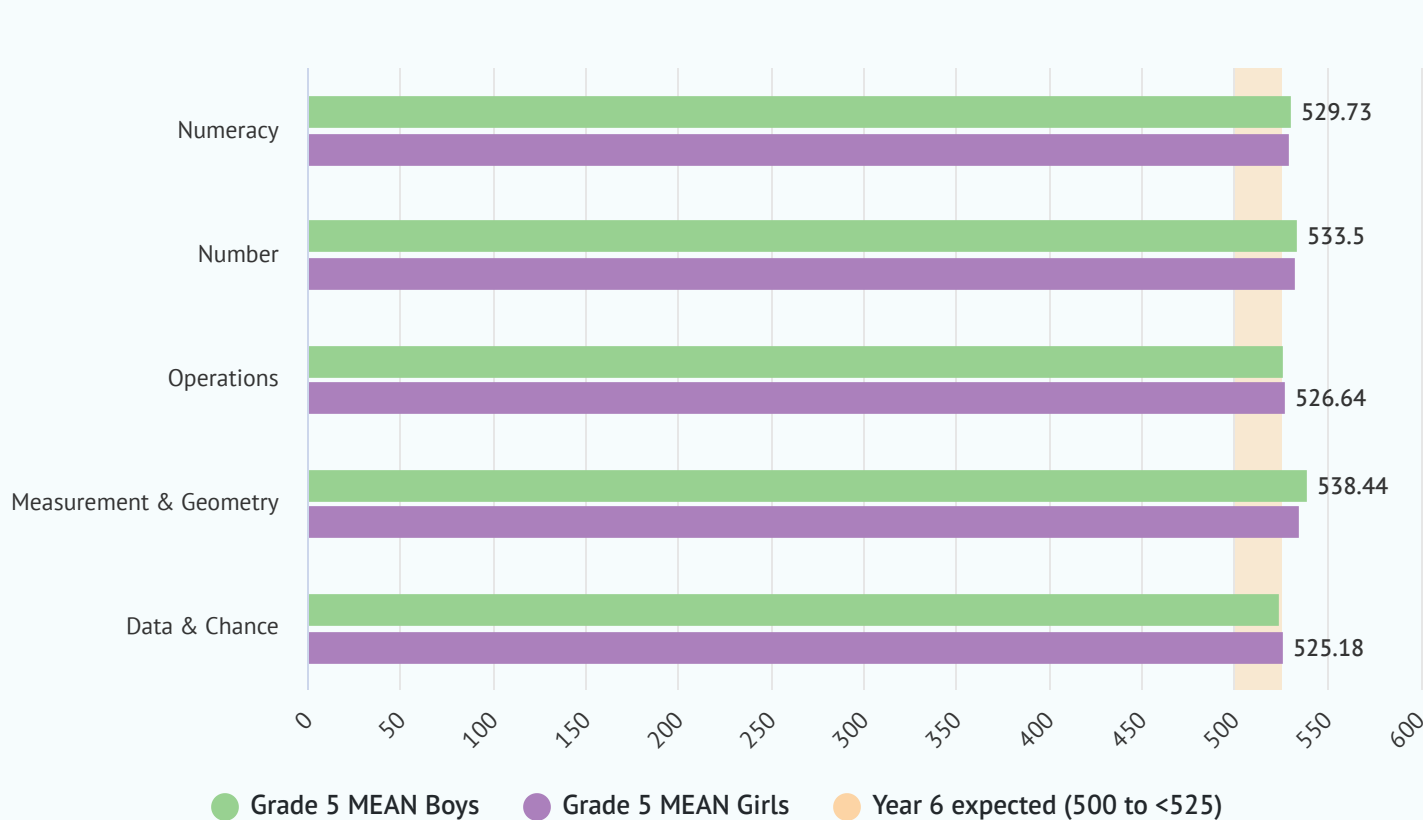
## Grade 5 numeracy performance by gender

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

Figure CNF5.4

### Grade 5 Numeracy performance by gender



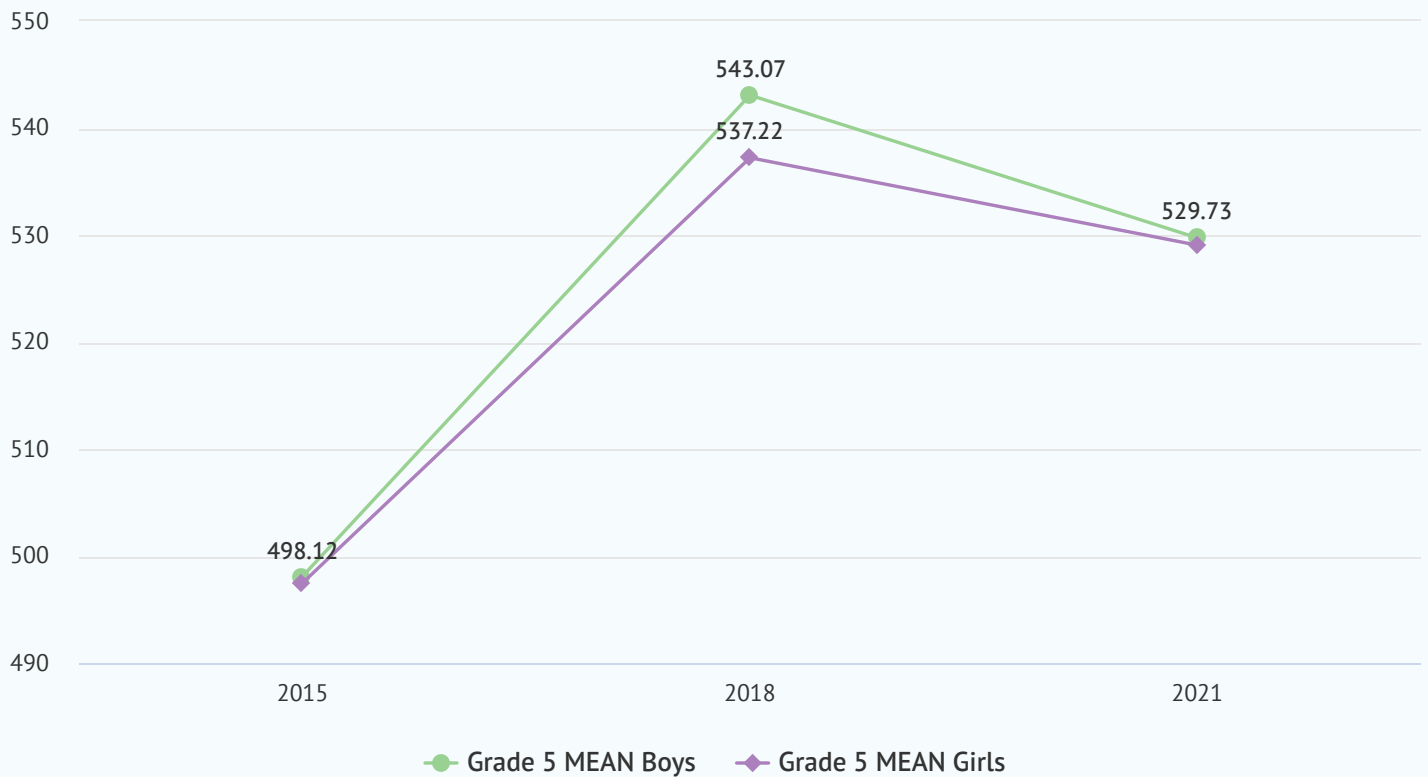
Category	Grade 5 MEAN Boys	Grade 5 MEAN Girls
Numeracy	529.73	529.05
Number	533.5	532.04
Operations	525.56	526.64
Measurement & Geometry	538.44	534.19
Data & Chance	523.67	525.18

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

Figure CNF5.4 shows the average numeracy performance of grade five students in Papua New Guinea by gender. Grade five girls and grade five boys scored similarly in all numeracy areas, including the overall numeracy score. This was consistent with the scores from previous PILNA cycles. In 2015 and 2018, as seen in Figure CNF5.4.1 grade five girls, on average, scored similarly to grade five boys in all numeracy areas, including the overall numeracy score

Figure CNF5.4.1

Grade 5 Numeracy mean performance by gender over time

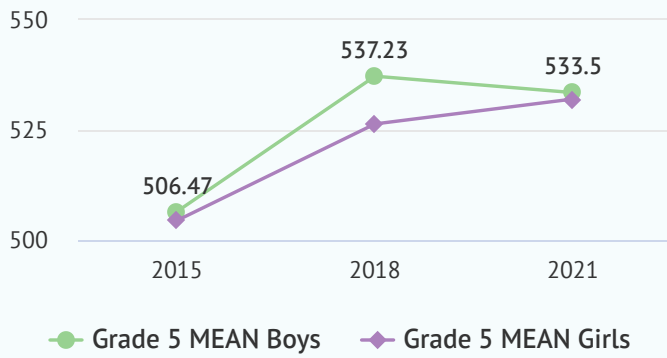


Year	Grade 5 MEAN Boys	Grade 5 MEAN Girls
2015	498.12	497.49
2018	543.07	537.22
2021	529.73	529.05

Mean performance of Grade 5 students in numeracy by gender over time, PNG, PILNA 2015, 2018 and 2021.

Figure CNF5.4.2

### Grade 5 Number mean performance by gender over time

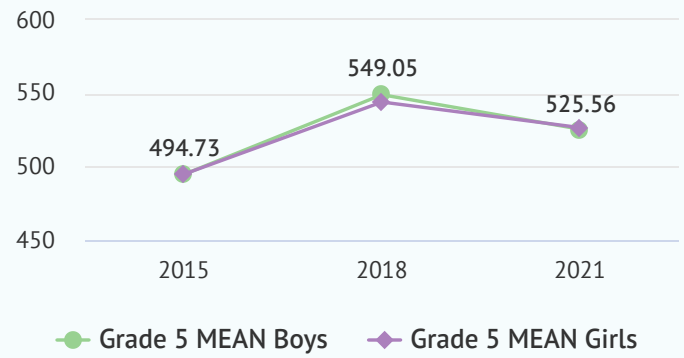


Year	Grade 5 MEAN Boys	Grade 5 MEAN Girls
2015	506.47	504.43
2018	537.23	526.38
2021	533.5	532.04

Mean performance of Grade 5 students in number by gender over time, PNG, PILNA 2015, 2018 and 2021.

Figure CNF5.4.3

### Grade 5 Operations mean performance by gender over time

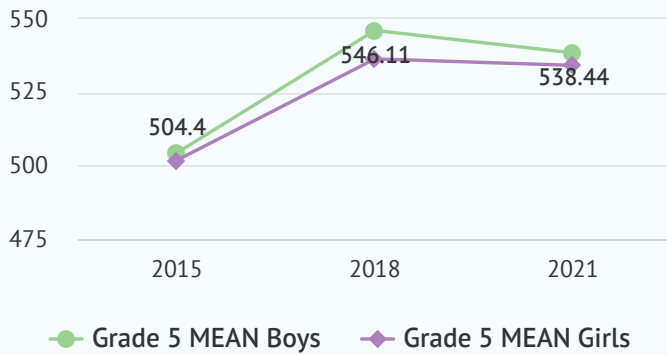


Year	Grade 5 MEAN Boys	Grade 5 MEAN Girls
2015	494.73	494.89
2018	549.05	544.07
2021	525.56	526.64

Mean performance of Grade 5 students in operations by gender over time, PNG, PILNA 2015, 2018 and 2021.

Figure CNF5.4.4

Grade 5 Measurement & Geometry mean performance by gender over time

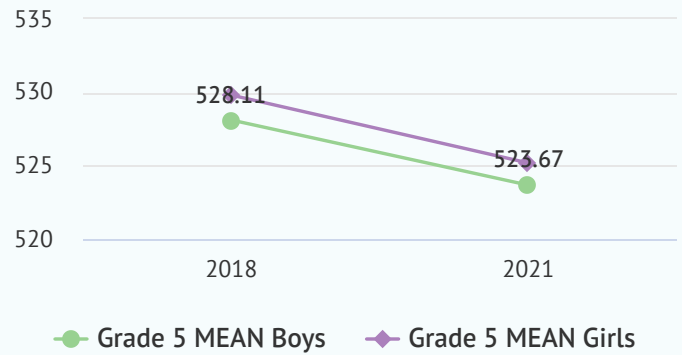


Year	Grade 5 MEAN Boys	Grade 5 MEAN Girls
2015	504.4	501.87
2018	546.11	536.4
2021	538.44	534.19

Mean performance of Grade 5 students in measurement and geometry by gender over time, PNG, PILNA 2015, 2018 and 2021.

Figure CNF5.4.5

Grade 5 Data & Chance mean performance by gender over time



Year	Grade 5 MEAN Boys	Grade 5 MEAN Girls
2018	528.11	529.81
2021	523.67	525.18

Mean performance of Grade 5 students in data and chance by gender over time, PNG, PILNA 2018 and 2021.