

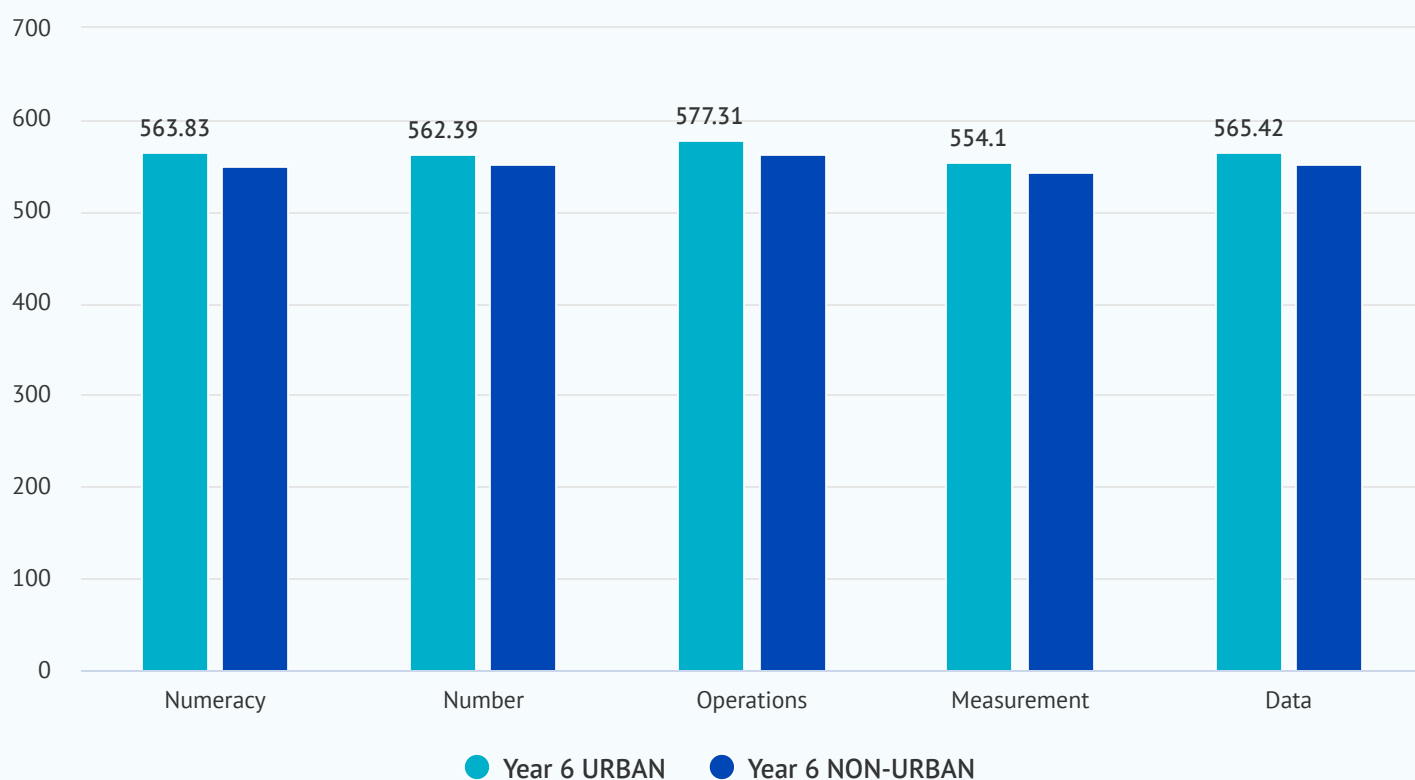
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## Year six numeracy performance by school locality

A roughly equal proportion of year six students who participated in the PILNA 2021 numeracy assessment were enrolled in urban and non-urban schools: 47% in urban schools and 53% in non-urban schools.

Figure CNF6.6

## Year 6 numeracy performance by school locality



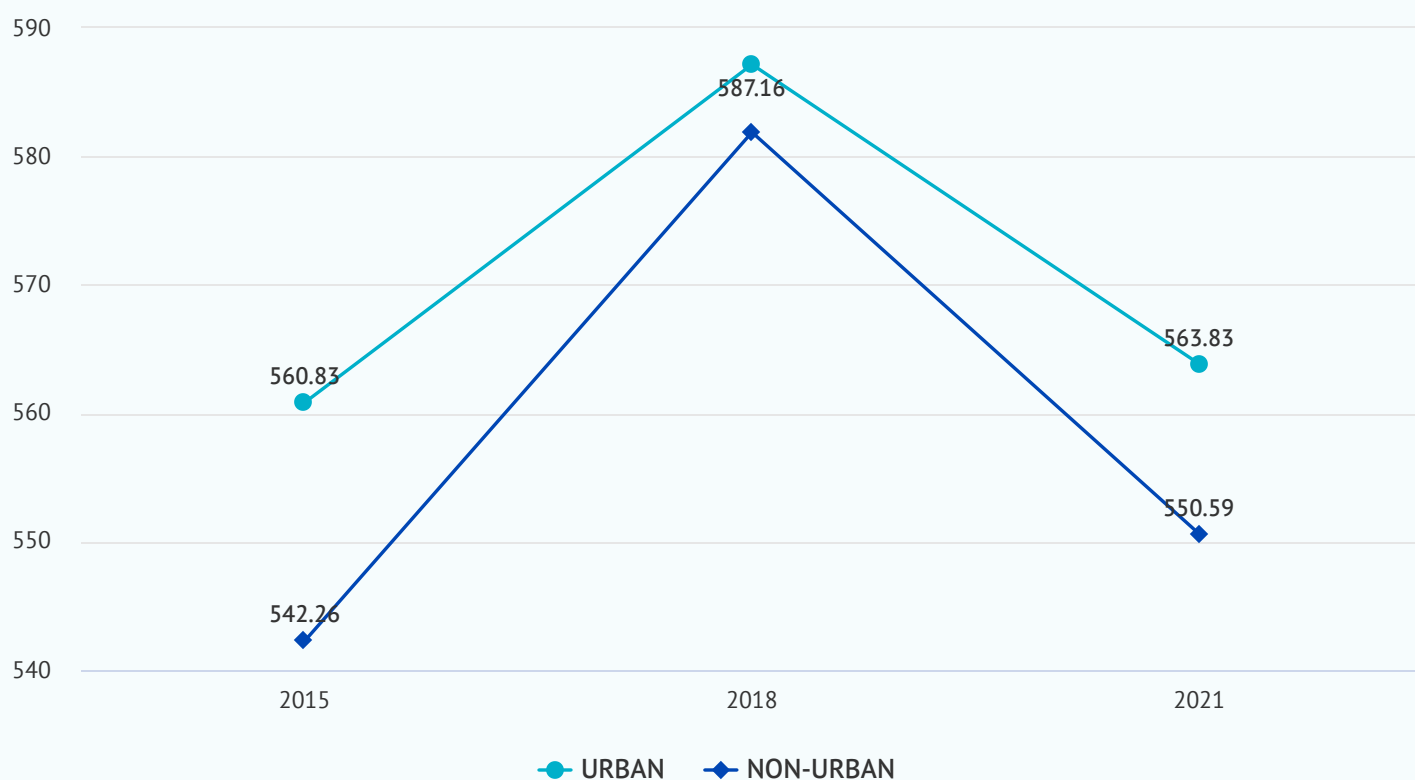
Year	Year 6 URBAN	Year 6 NON-URBAN
Numeracy	563.83	550.59
Number	562.39	551.18
Operations	577.31	562.96
Measurement	554.1	543.88
Data	565.42	551.19

Mean performance of Year 6 students in domain and strands by school locality, Tonga, PILNA 2021

Figure CNF6.6 shows the average performance of year six students by school locality. Year six students in urban schools scored higher than those in non-urban schools in the overall numeracy domain and across all four numeracy strands. The biggest difference was observed in the 'Operations' strand. This is consistent with PILNA 2015 where students from urban schools also scored higher than students from non-urban schools in all numeracy areas, but not with PILNA 2018, when there were no substantial differences between the numeracy scores of students in urban and non-urban schools, see Figures CNF6.6.1-CNF6.6.5.

Figure CNF6.6.1

### Year 6 Numeracy mean performance by school locality over time

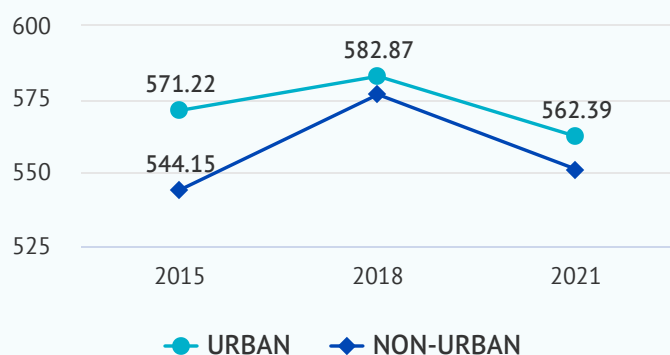


Year	URBAN	NON-URBAN
2015	560.83	542.26
2018	587.16	581.88
2021	563.83	550.59

Mean performance of Year 6 students in numeracy by school locality, Tonga, PILNA 2015, 2018 and 2021

Figure CNF6.6.2

### Year 6 Number mean performance by school locality over time

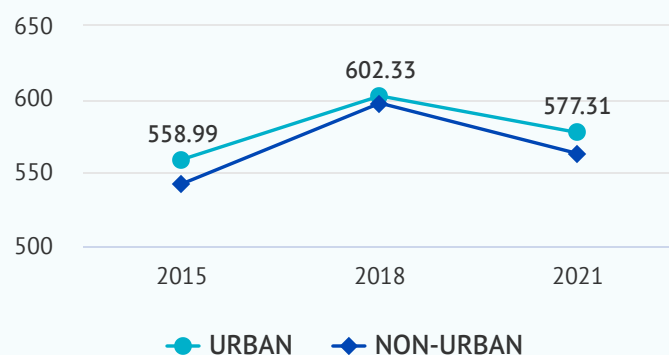


Year	URBAN	NON-URBAN
2015	571.22	544.15
2018	582.87	576.64
2021	562.39	551.18

Mean performance of Year 6 students in number strand, by school locality, Tonga, PILNA 2015, 2018 and 2021

Figure CNF6.6.3

### Year 6 Operations mean performance by school locality over time

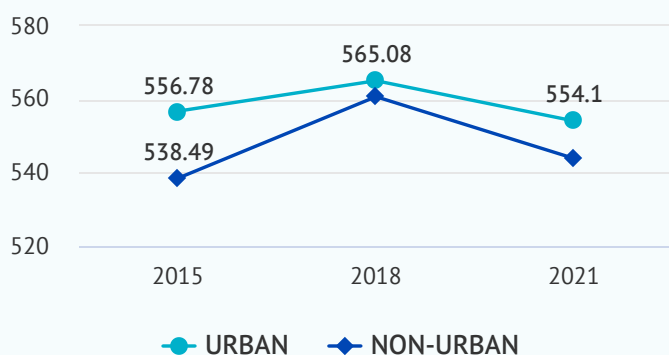


Year	URBAN	NON-URBAN
2015	558.99	542.41
2018	602.33	597.41
2021	577.31	562.96

Mean performance of Year 6 students in operations strand, by school locality, over time 2015, 2018, 2021

Figure CNF6.6.4

### Year 6 Measurements & Geometry mean performance by school locality over time

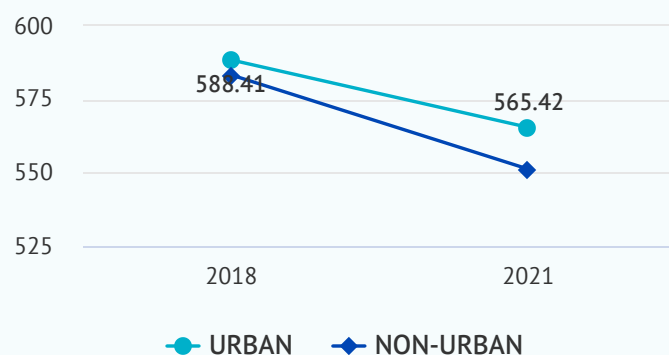


Year	URBAN	NON-URBAN
2015	556.78	538.49
2018	565.08	560.72
2021	554.1	543.88

Mean performance of Year 6 students in measurement and geometry strand, by school locality, over time 2015, 2018, 2021

Figure CNF6.6.5

### Year 6 Data & Chance mean performance by school locality over time



Year	URBAN	NON-URBAN
2018	588.41	583.29
2021	565.42	551.19

Mean performance of Year 6 students in data and chance strand, by school locality, over time 2018, 2021