

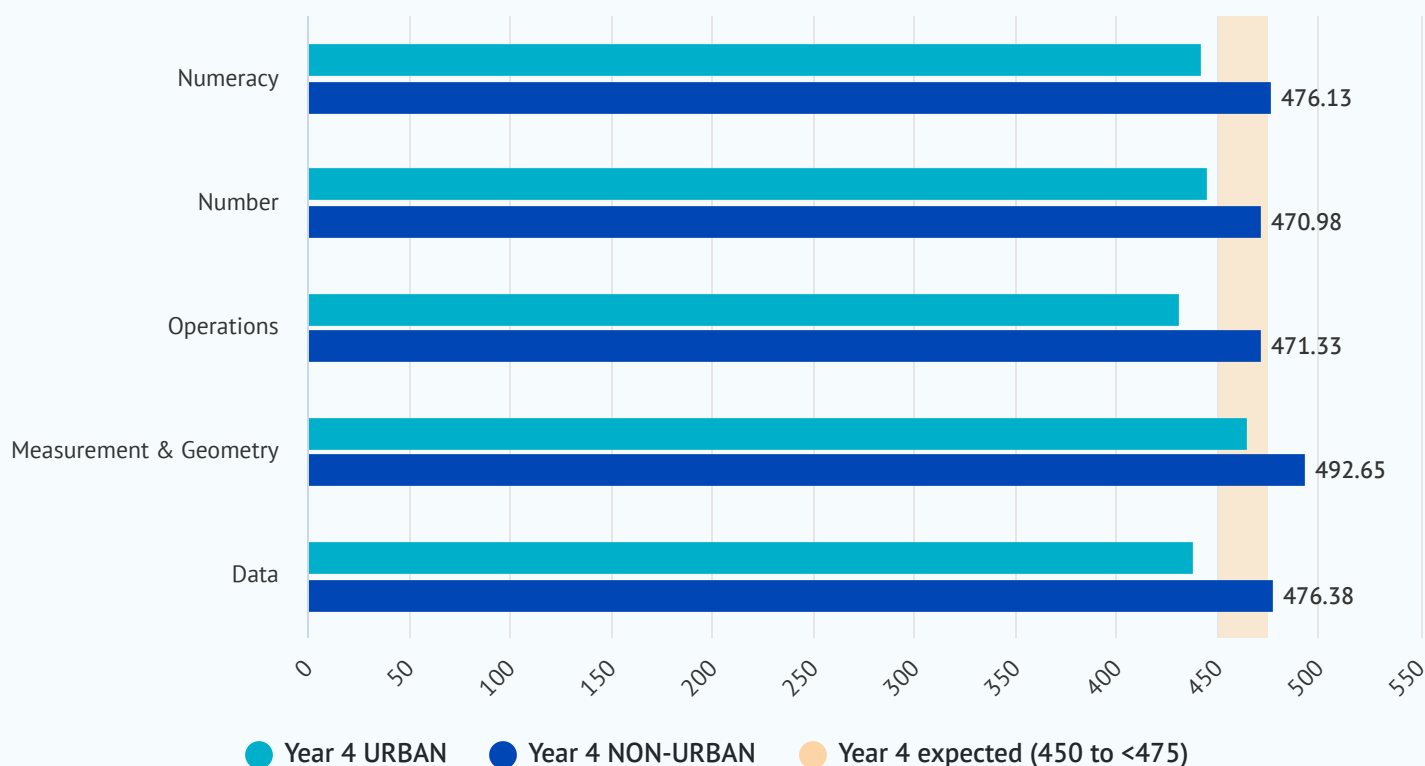
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Year 4 numeracy performance by school locality

More than half of the year four students in Tuvalu who had their performance analysed in the PILNA 2021 numeracy assessment were enrolled in urban schools: 60% in urban schools and 40% in non-urban schools.

Figure CNF4.6

Year 4 Numeracy performance by school locality



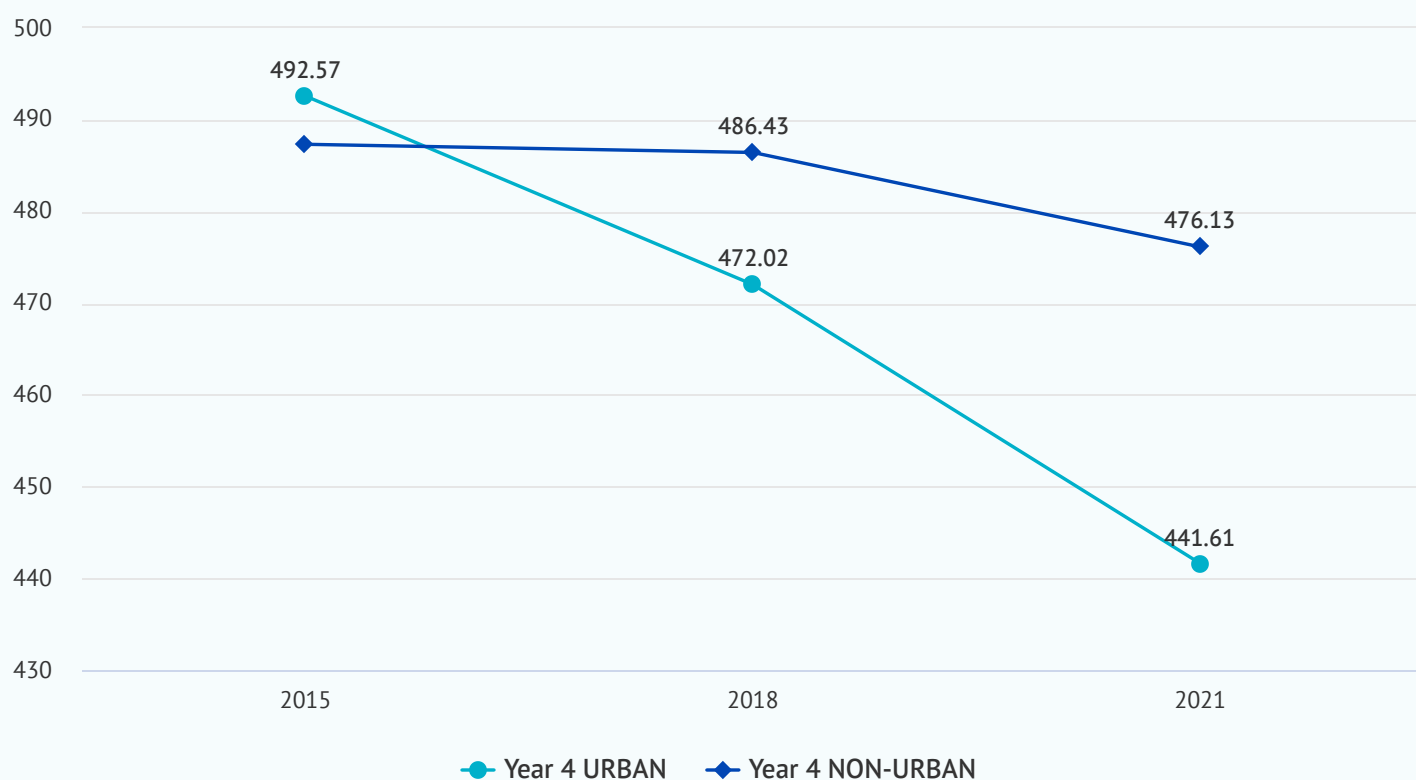
Category	Year 4 URBAN	Year 4 NON-URBAN
Numeracy	441.61	476.13
Number	444.5	470.98
Operations	430.46	471.33
Measurement & Geometry	464	492.65
Data	437.63	476.38

Mean performance of Year 4 students in domain and strands by school locality, Tuvalu, PILNA 2021

Figure CNF4.6 shows the average performance of year four students by school locality. Year four students in non-urban schools scored higher than those in urban schools in the overall numeracy domain and across all four strands. The biggest difference was observed in the 'Operations & Data' strand. This was consistent with the findings in PILNA 2018 but not PILNA 2015 (Figure CNF4.6.1). In 2018, students from non-urban schools performed better than students from urban schools, but in 2015 there were no differences between these groups.

Figure CNF4.6.1

Year 4 Numeracy performance by school locality over time

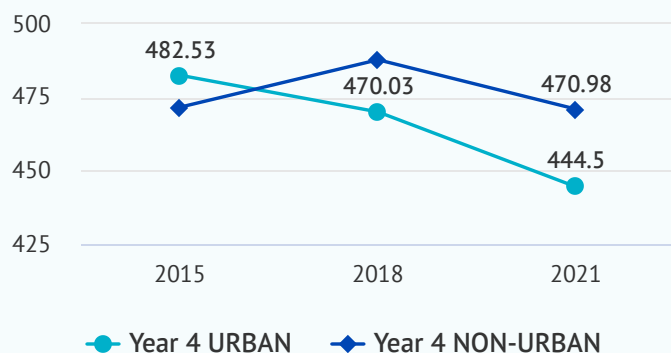


Year	Year 4 URBAN	Year 4 NON-URBAN
2015	492.57	487.32
2018	472.02	486.43
2021	441.61	476.13

Mean performance of Year 4 students in numeracy by school locality, Tuvalu, PILNA 2015, 2018 and 2021

Figure CNF4.6.2

Year 4 Number performance by school locality over time

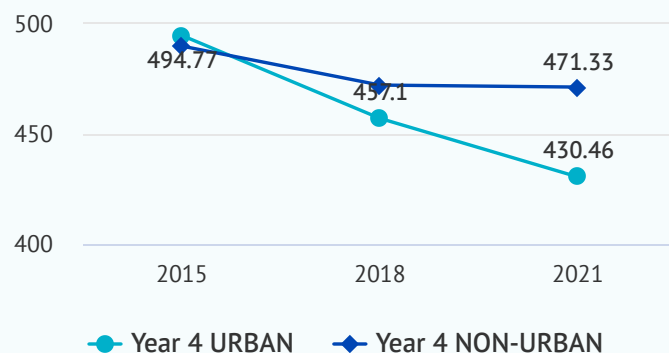


Year	Year 4 URBAN	Year 4 NON-URBAN
2015	482.53	471.64
2018	470.03	487.81
2021	444.5	470.98

Mean performance of Year 4 students in number by school locality, Tuvalu, PILNA 2015, 2018 and 2021

Figure CNF4.6.3

Year 4 Operations performance by school locality over time

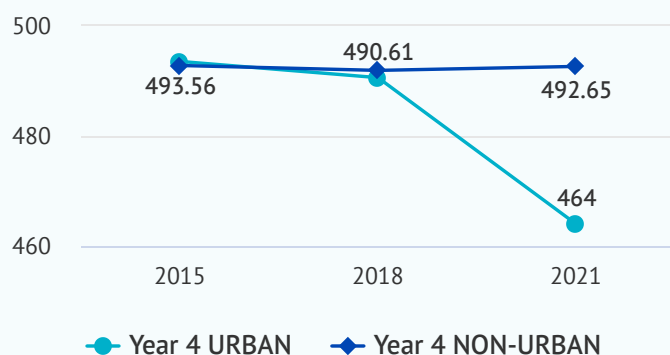


Year	Year 4 URBAN	Year 4 NON-URBAN
2015	494.77	489.95
2018	457.1	472.24
2021	430.46	471.33

Mean performance of Year 4 students in operations by school locality, Tuvalu, PILNA 2015, 2018 and 2021

Figure CNF4.6.4

Year 4 Measurement & Geometry performance by school locality over time

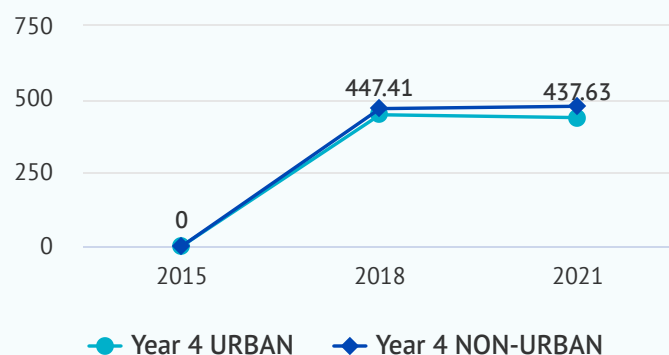


Year	Year 4 URBAN	Year 4 NON-URBAN
2015	493.56	492.82
2018	490.61	491.93
2021	464	492.65

Mean performance of Year 4 students in measurement & geometry by school locality, Tuvalu, PILNA 2015, 2018 and 2021

Figure CNF4.6.5

Year 4 Data performance by school locality over time



Year	Year 4 URBAN	Year 4 NON-URBAN
2015	0	0
2018	447.41	468.34
2021	437.63	476.38

Mean performance of Year 4 students in data by school locality, Tuvalu, PILNA 2015, 2018 and 2021