

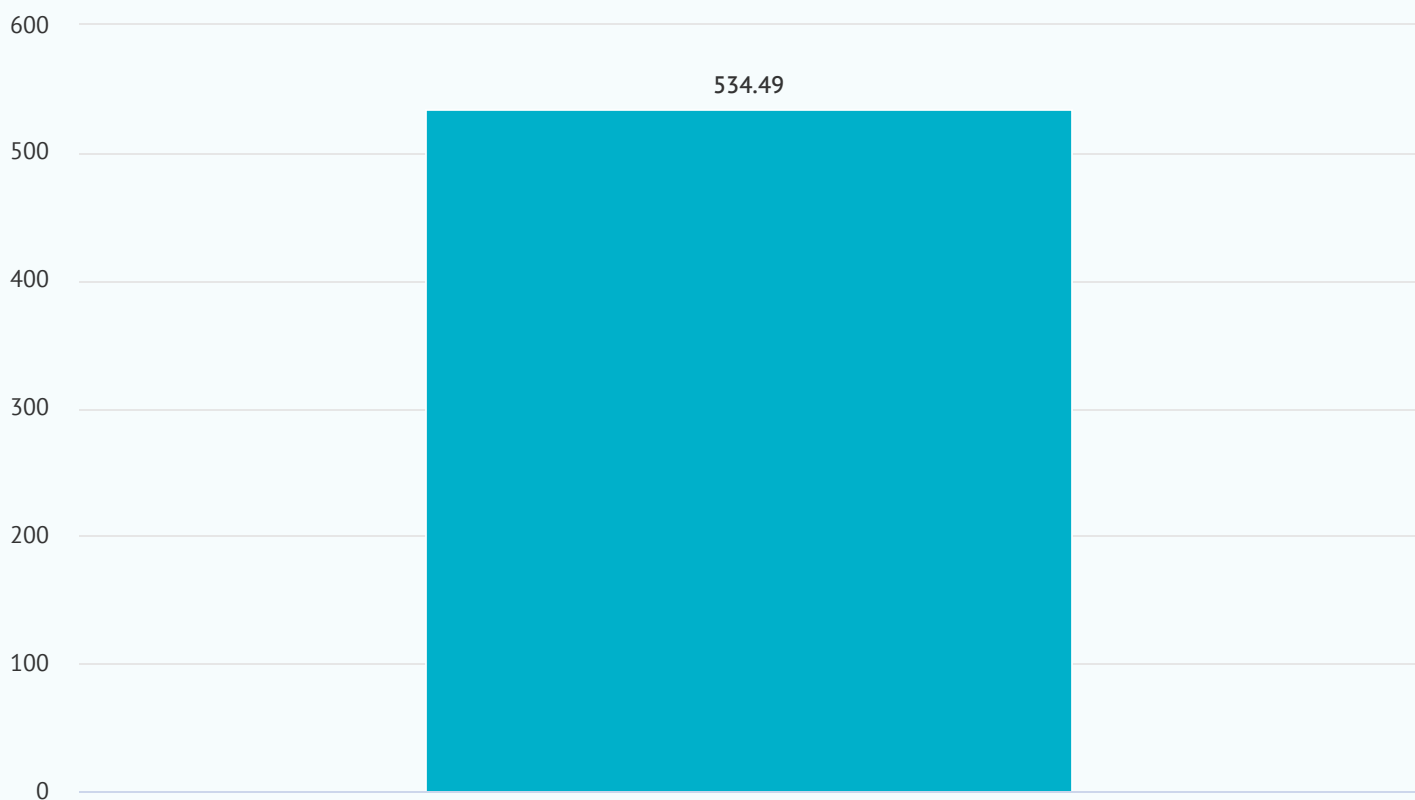
2021 Niue Report / Performance / Numeracy / Year 4 numeracy

## Year 4 numeracy performance

The average overall numeracy performance for year four students in Niue in 2021 was 534.49 (SD = 71.64).

Figure CNF4.1

### Year 4 Numeracy performance

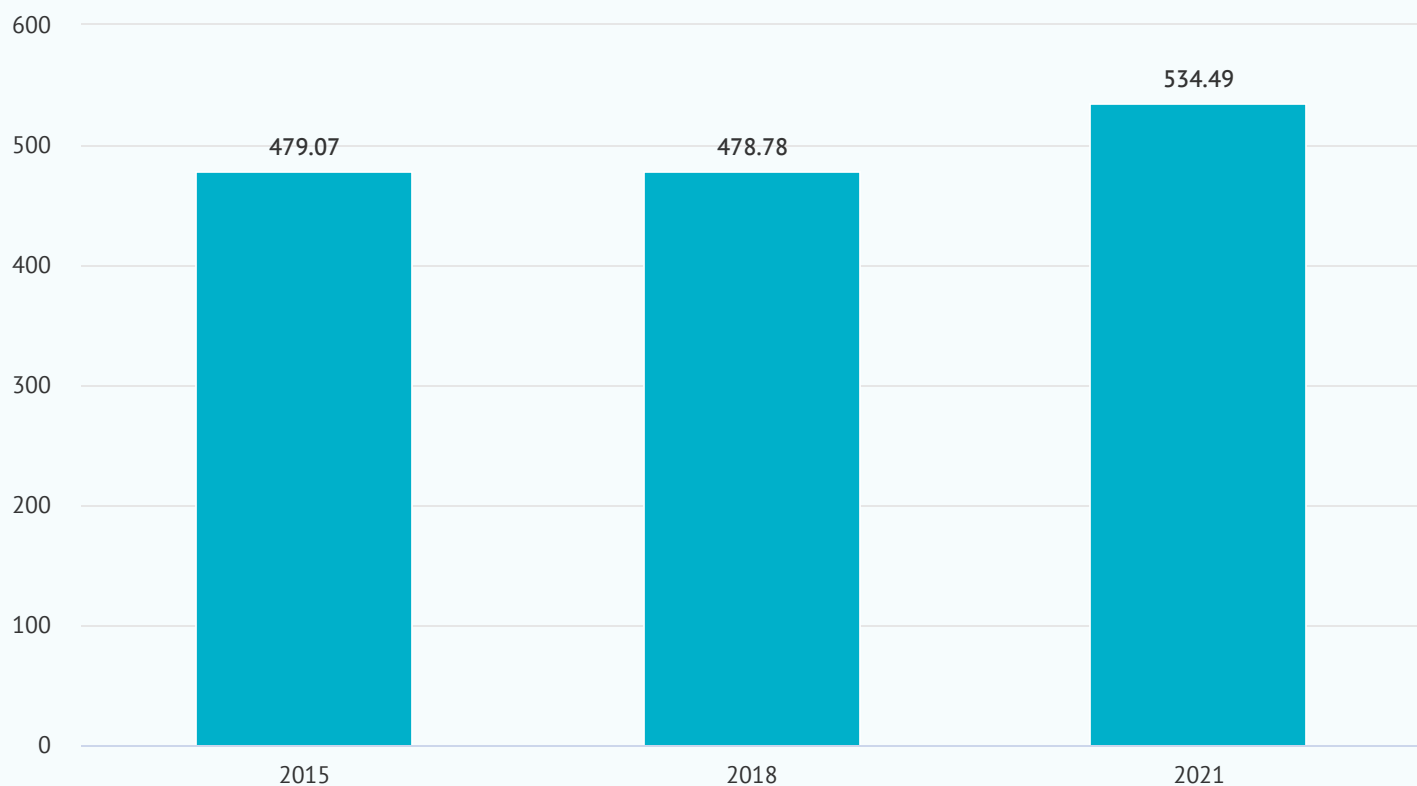


| Year | Year 4 MEANS |
|------|--------------|
| 2021 | 534.49       |

Mean performance of Year 4 students in numeracy, Niue, PILNA 2021

Figure CNF4.2

### Year 4 numeracy performance over time



| Year | Year 4 MEANS |
|------|--------------|
| 2015 | 479.07       |
| 2018 | 478.78       |
| 2021 | 534.49       |

Mean performance of Year 4 students in numeracy, Niue, PILNA 2015, 2018 and 2021

Figure CNF4.2 shows the average numeracy scores of this group and of year four students in Niue in previous PILNA cycles. The score for Niue in 2021 was higher than the score in the 2018 (479) and 2015 (479) PILNA cycles. However, the standard deviation for this group was greater than all previous PILNA cycles (2018 SD = 65.51, 2015 SD = 47.40). This means that the distribution of overall numeracy scores in 2021 was more spread out than in previous PILNA cycles. More analysis needs to be done to understand whether these differences in scores are statistically significant.

*Standard deviation shows how close data points are to the average. A lower standard deviation means that data points are, overall, closer to the average; a higher standard deviation means that data points are, overall, further away from the average.*