

2020 NCEA Analysis

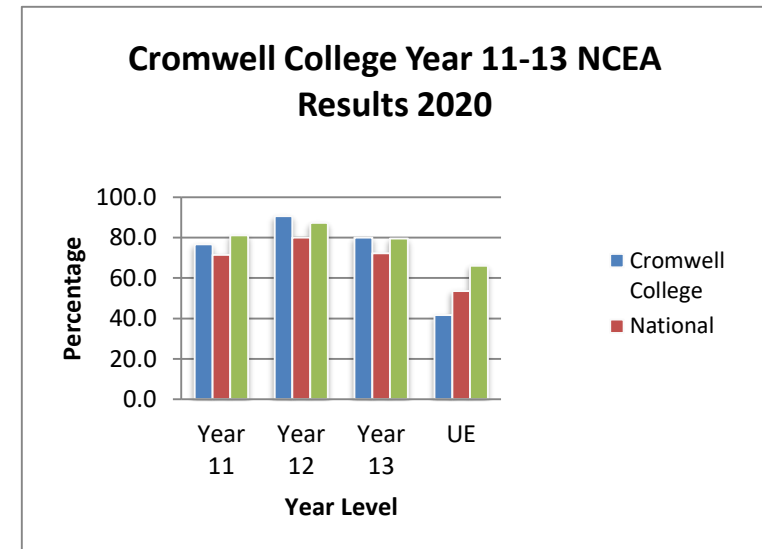
This is an analysis of our 2020 NCEA results for the Board of Trustees.

Table 1. Overall Roll Based Figures 2014-2020

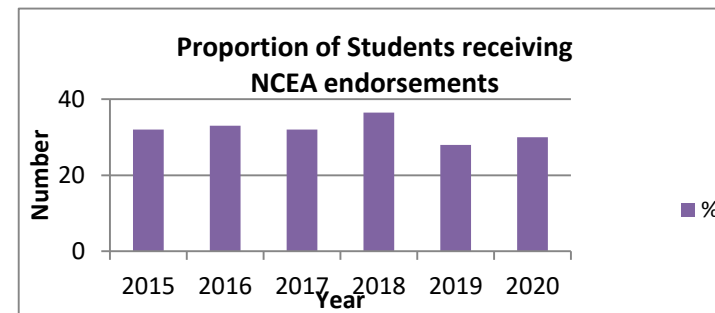
| | Cromwell College | National | Decile 8 national | Difference Decile 8 | | Cromwell College | National | Decile 8 national | Difference national | | Cromwell College | National | Decile 8 national | Difference national |
|----------------|------------------|----------|-------------------|---------------------|----------------|------------------|----------|-------------------|---------------------|----------------|------------------|----------|-------------------|---------------------|
| Year 11 | | | | | Year 12 | | | | | Year 13 | | | | |
| 2014 | 68.9 | 72.4 | 81.7 | -12.8 | | 77.8 | 75.1 | 81.9 | -4.1 | | 62.8 | 59.6 | 71.2 | -8.4 |
| 2015 | 80.4 | 74.5 | 83.2 | -2.9 | | 80.0 | 76.3 | 82.8 | -2.8 | | 67.7 | 62.5 | 74.6 | -6.9 |
| 2016 | 79.7 | 75.3 | 83.3 | -3.6 | | 80.0 | 78.4 | 85.0 | -5.0 | | 61.9 | 64.0 | 75.8 | -13.8 |
| 2017 | 75.0 | 74.5 | 81.4 | -6.4 | | 79.4 | 78.0 | 84.3 | -4.9 | | 80.8 | 65.2 | 76.2 | 4.6 |
| 2018 | 85.5 | 70.1 | 80.1 | 5.4 | | 88.5 | 76.1 | 85.1 | 3.4 | | 83.9 | 63.7 | 72.9 | 11.0 |
| 2019 | 85.5 | 68.6 | 77.6 | 7.9 | | 95.1 | 76.1 | 83.4 | 11.7 | | 72.7 | 65.5 | 75.3 | -2.6 |
| 2020 | 76.8 | 71.5 | 81.1 | -4.3 | | 90.7 | 80.0 | 87.4 | 3.3 | | 80.0 | 72.3 | 79.6 | 0.4 |
| Average | 78.8 | 72.4 | 81.2 | -2.4 | Average | 84.5 | 77.1 | 84.3 | 0.2 | Average | 72.8 | 64.7 | 75.1 | -2.2 |

Points of interest

- Overall the results of our Year 11-13 students are sound although not quite as strong as in 2019. Year 12 and 13 achievement continues the trend at Decile 8 figures. This is a key school wide goal. Year 11 dropped below the Decile 8 figure for the first time in 2 years. Several Year 11 students struggled after Lockdown. Our tracking indicated this drop would occur despite the support from our NCEA mentor. Six students in the cohort of 76 were on Alternative Education or a work placement programme and this is a factor in the results.
- For the first time we had two Year 13 students receive scholarships in one year in Mathematics with Statistics and Visual Art.
- Our University Entrance achievement fell again in 2020. It is not the primary goal of the majority of our Year 13 cohort. Students aiming for UE are identified and supported.
- Our Year 11 Numeracy and Literacy results were at the national level but below Decile 8 figures for the first time in several years. The lower results are partly caused by a number of students on alternative pathways.



- There was a slight increase in the proportion of students gaining NCEA Endorsements from 28% in 2019 to 30% in 2020. The focus with individual faculties supporting top achieving students is not increasing the numbers of students achieving endorsements. The impact from our financial scholarships also appears to have levelled out. A student academic committee has been established to seek student voice on what other strategies may lift motivation to achieve endorsements.



Māori and Pasifika Achievement

- Our Senior Māori students did not achieve as strongly in 2020. Results were close to national figures and all were below Decile 8 figures. In Year 11 all 3 Alternative Education students were Māori as was one of the work placement students. Year 13 Māori students performed the best and were within 4% of the Year 13 Decile 8 figure.
- There were Pasifika students only in Year 13. One of the three students gained NCEA Level 3.
- We will review our tracking of Māori and Pasifika NCEA students.

Gender Differences

- The trend in gender difference in our school is similar to the national one with girls achieving higher than boys. The national differences are between 11% and 14%. In Year 12 and 13 our differences are around 6%.
- The gender difference in Year 11 was 24% in our school compared to 14% nationally.

Discussion

- The impact of Covid lockdowns made the teaching and continuity of NCEA challenging. The results attained by our students are a credit to them and our teaching staff.
- Our goal of Decile 8 NCEA achievement is largely being achieved.
- Boys achievement in Year 12 (2021) and Māori achievement are areas of focus for us.
- We have yet to find a strategy that motivates and supports students to achieve at national levels for Excellence Endorsements. We are looking forward to the contribution of our student led Academic Committee for ideas that will address this challenge.

Conclusion

Our Year 11-13 NCEA achievement is sound and the supports and teaching delivery is enabling achievement at Decile 8 level for almost all senior cohorts. Support is needed for our Year 12 cohort and Māori and Pasifika students based on last year's results. Our students achieving Academic Excellence remains an area of focus for us.

Mason Stretch, Principal – 7 April 2021