



MASSEY HIGH SCHOOL

2021 Analysis of Variance

2021 Student Achievement Targets

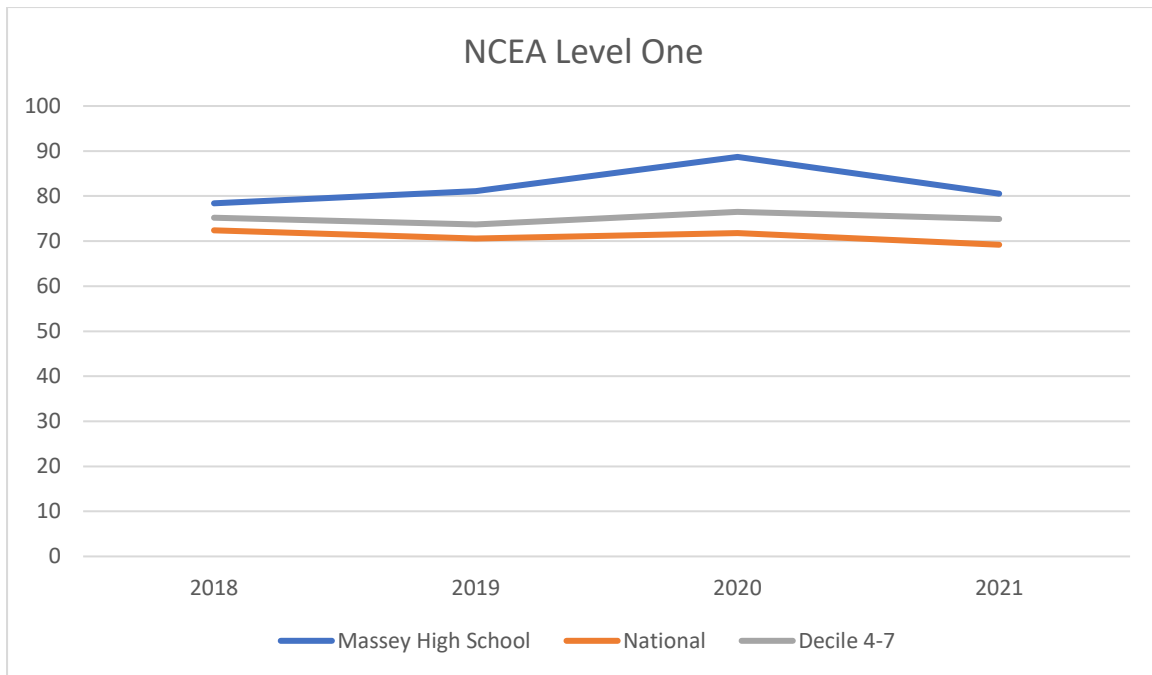
- NCEA Level 1 – 87% of all Year 11 students gain NCEA Level 1
- NCEA Level 2 – 97% of all Year 12 students gain NCEA Level 2
- NCEA Level 3 – 89% of all Year 13 students gain NCEA Level 3
- University Entrance - 60% pass rate
- Scholarships – 25 in total

Target One “NCEA Level 1 – 87% of all Year 11 students gain NCEA Level 1”

We failed to meet the target. The pass rate was 80.5%. The result dropped from the 2020 pass rate.

NCEA Level One Analysis

		2017	2018	2019	2020	2021
LEVEL 1	MHS	79.3	78.4	81.1	88.7	80.5
	National	75.0	72.4	70.6	71.8	69.2
	Decile 4-7	78.2	75.2	73.7	76.5	74.9



We had continued with the same range of interventions as in 2020:

- Time and support for high quality Professional Learning and Development
- Data tracking and targeted interventions
- Mentoring
- Reviews of course design
- Development of on-line learning strategies

The disruption caused by COVID-19 was more significant than in the previous year but again we were able to be agile, adjusting to the challenges and applying the learning from 2020. We were able to refine much of what was done in 2020 including the tracking and targeted interventions using a range of data.

We were able to use engagement data to quickly identify students who were struggling with the disruptions and disengaging from learning.

We were also able to use this data to report back to parents at all levels (disengaged to highly engaged).

These strategies combine to produce the results we are achieving; in 2022 we will continue to refine processes.

2022 Target:

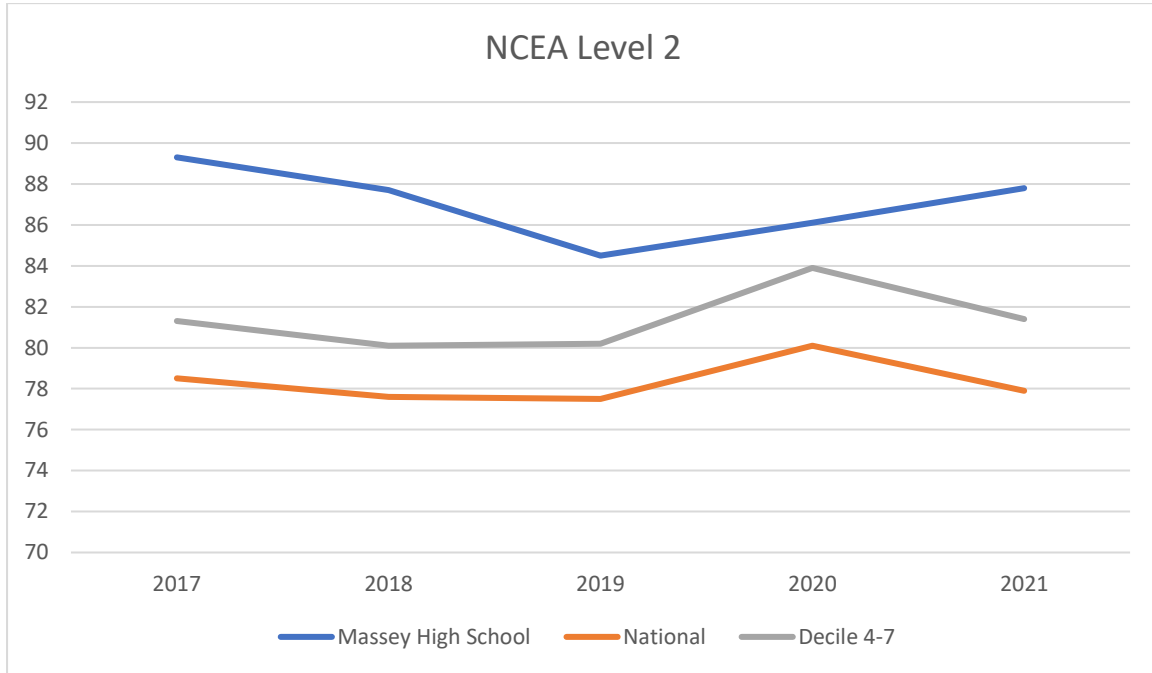
“NCEA Level 1 – 87% of all Year 11 students gain NCEA Level 1”

Target Two “NCEA Level 2 – 97% of all Year 12 students gain NCEA Level 2”

We failed to meet the target. The pass rate was 87.8%. The result increased from the 2020 pass rate.

NCEA Level Two Analysis

		2017	2018	2019	2020	2021
LEVEL 2	MHS	89.3	87.7	84.5	86.1	87.8
	National	78.5	77.6	77.5	80.1	77.9
	Decile 4-7	81.3	80.1	80.2	83.9	81.4



The strategies outlined for Level One above are equally important for the whole senior school.

2022 Target:

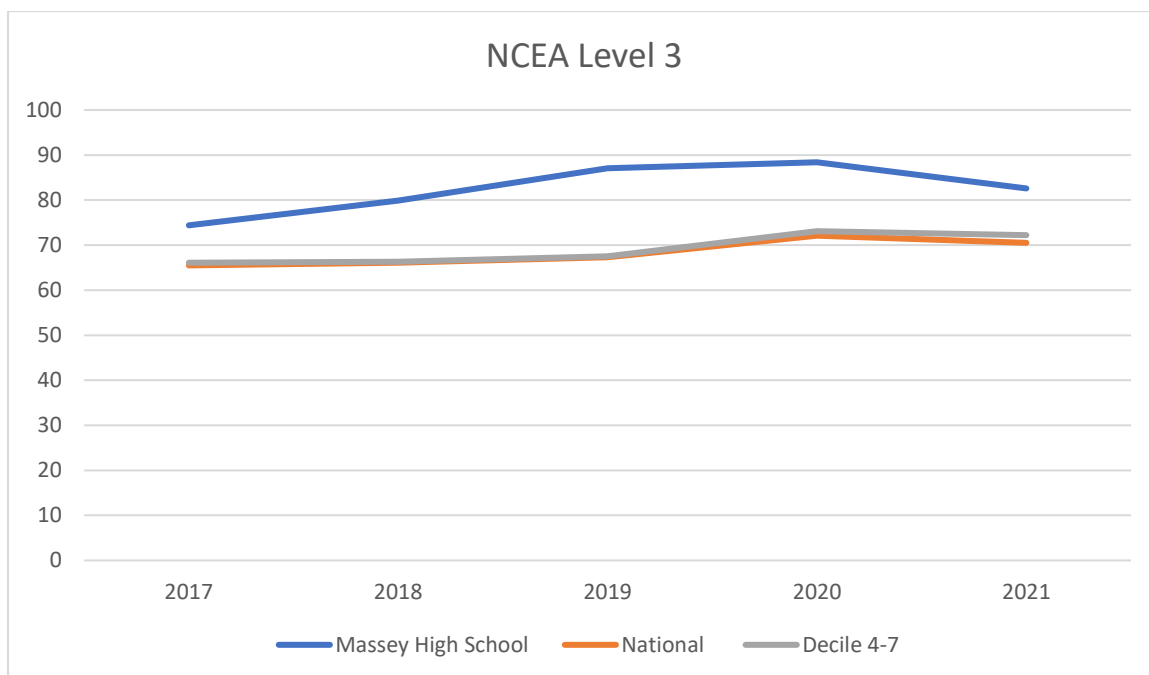
“NCEA Level 2 – 90% of all Year 12 students gain NCEA Level 2”

Target Three “NCEA Level 3 – 89% of all Year 13 students gain NCEA Level 3”

We failed to meet the target. The pass rate was 82.6%. The result dropped from the 2020 pass rate.

NCEA Level Three Analysis

		2017	2018	2019	2020	2021
LEVEL 3	MHS	74.4	79.9	87.1	88.4	82.6
	National	65.5	66.1	67.3	72.1	70.5
	Decile 4-7	66.1	66.3	67.5	73.1	72.2



2022 Target:

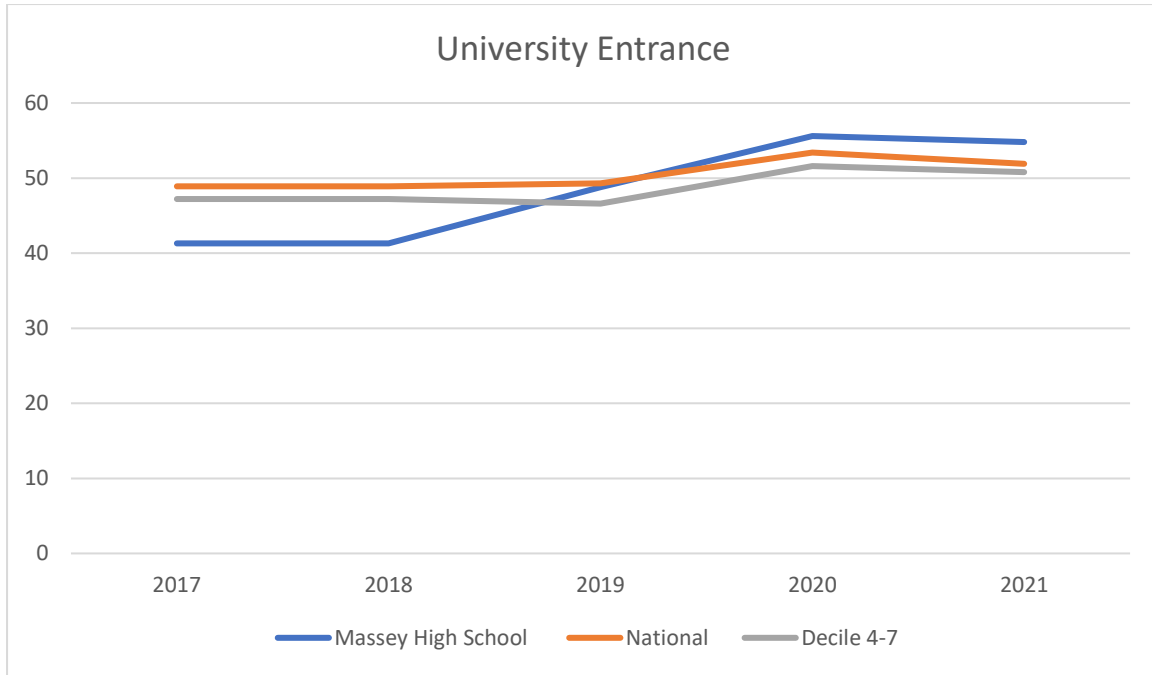
“NCEA Level 3 – 89% of all Year 13 students gain NCEA Level 3”

Target Four “University Entrance - 60% pass rate”

We failed to meet the target. The pass rate was 54.8%. The result dropped slightly from the 2020 pass rate.

University Entrance Analysis

		2017	2018	2019	2020	2021
UNIVERSITY ENTRANCE	MHS	41.3	41.3	48.8	55.6	54.8
	National	48.9	48.9	49.3	53.4	51.9
	Decile 4-7	47.2	47.2	46.6	51.6	50.8



2022 Target:

“University Entrance – 60% of all Year 13 students gain University Entrance”

Target Five “NZQA Scholarships – 25 NZQA Scholarships are awarded”

We failed to meet the target. The number of students was 4. The result dropped from the 2020 pass rate.

NZQA Scholarships Analysis

		2017	2018	2019	2020	2021
LEVEL 1	MHS	16	22	12	9	4

It was very difficult to run the NZQA Scholarships program with the students off-site for much of the year.

2022 Target:

“NZQA Scholarships – 25 NZQA Scholarships are awarded”