



Due: 1 March, 2022

Carmel College - 035

Analysis of Variance for 2021 results

Carmel College Board of Trustees

Strategic Goal: Engage all learners in quality learning and teaching programmes to achieve personal excellence in life and be learners for life.

Annual academic goals: Junior academic targets:

That all students are working at or above the curriculum level appropriate to their year group from Y7-10.

We used e-asTTle as our baseline for Y7-10 and in 2021, we used this as a measure for cohort learning progression.

Senior academic target:

1. L1, L2 and L3 Target: that 100% of the 2022 students eligible to gain the relevant NCEA certificate achieve this qualification.

YEAR 7- 10 Academic Analysis

Curriculum Progress Indicators for profiling of students

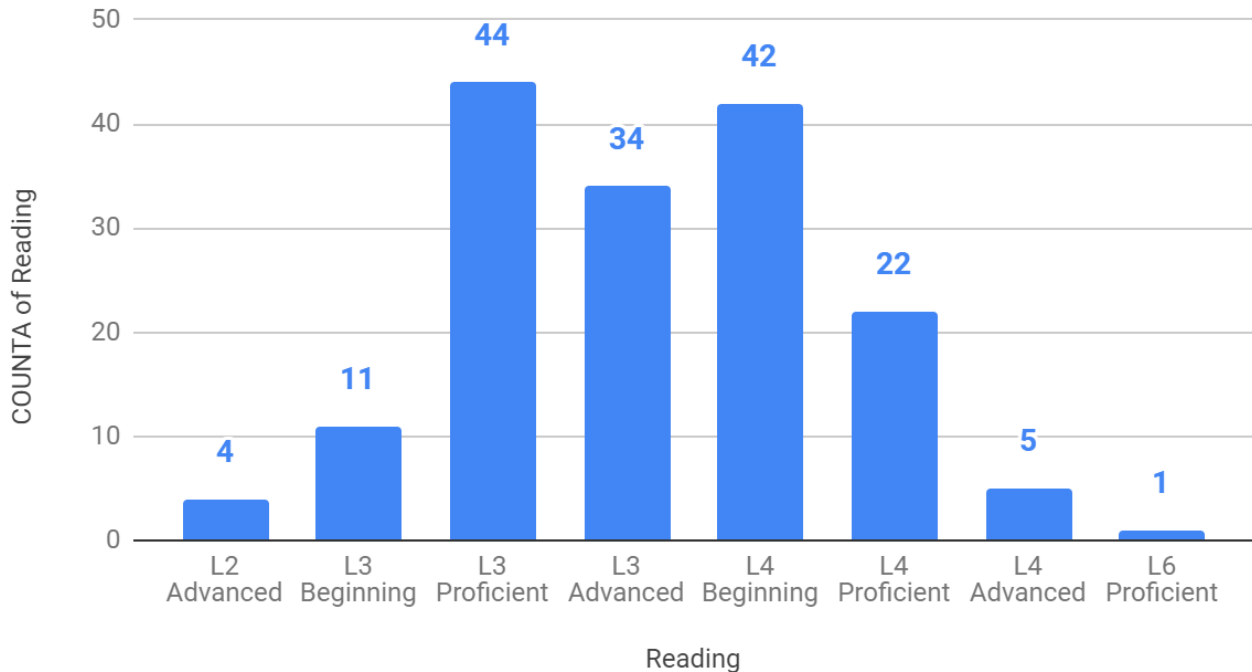
The following table shows the expected curriculum levels for students to be on track to engage with NCEA in Year 11. The colours in the table have been used in the graphs that follow to clearly identify where students should be working at each year level.

B = Beginning P = Proficient A = Advanced	Year 6 (EOY)	Year 7 (EOY)	Year 8 (EOY)	Year 9 (EOY)	Year 10 (EOY)	Implications for NCEA Year 11
Working Well above	4P +	4A +	5B +	5A +	6 +	
Working Above	4B	4P	4A - above	5P above	5A above	
By the end of the year students should have...	Mastered Level 3 3P - 3A	4B	Mastered Level 4 4P - 4A	5B	Mastered Level 5 5P	Able to work at NZC Level 6 And will be able to engage in NCEA
Working Below (1 year)	3B	3A	4B	4A	5B	Learning support is needed. Acceleration intervention required. Individuals to be monitored.
Working Well below (2 year)	2	3P or less	3A or less	4P or less	4A or less	Individual Learning Plan needed.

Year 7 e-asTTle 2021 Beginning of Year data

As this was the beginning of the year, we take the e-asTTle score as what would be expected for Y6 EOY as our baseline.

Reading for Y7 2021



Y7 Reading BOY	
Below	9.20%
At	47.85%
Above	42.94%

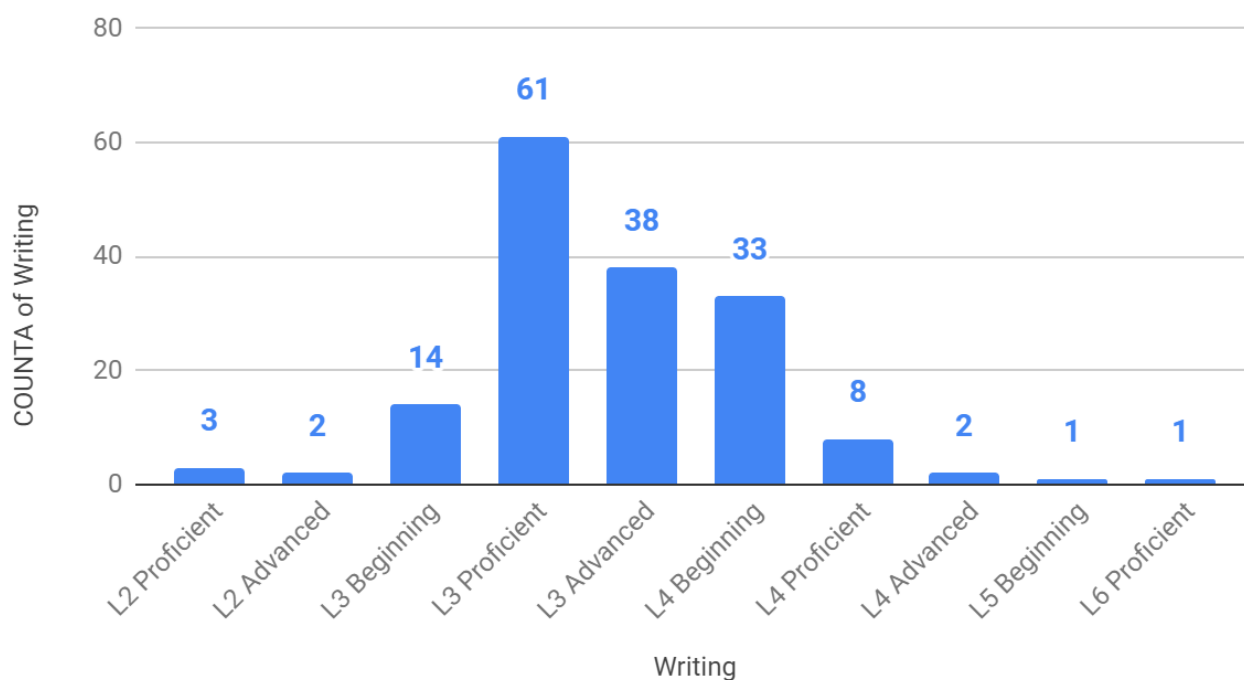
Reading Comment for BOY:

There are 15 (9.2%) students who are below the expected reading level for Y7. Nearly half the students (47.85%) are at the expected level and 42.94% are above the expected level.

Reading Comment for EOY:

Unfortunately, due to extended lock downs in 2021 and only being onsite for learning for half of the year, no end of year testing was done for these students.

Writing for Y7 2021



Y7 Writing BOY	
Below	11.66%
At	60.74%
Above	27.61%

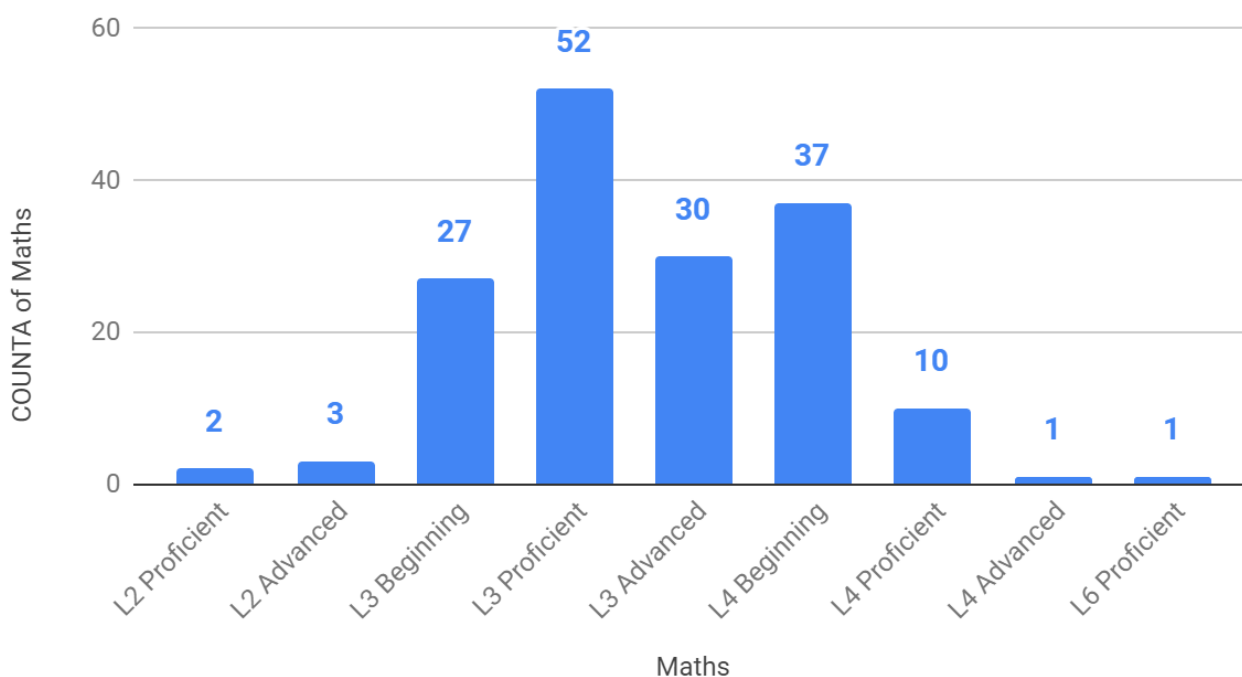
Writing Comment for BOY:

There are 19 (11.66%) students who are below the expected reading level for Y7. Well over half the students (60.74%) are at the expected level and nearly a third (27.61%) are above the expected level.

Writing Comment for EOY:

Unfortunately, due to extended lock downs in 2021 and only being onsite for learning for half of the year, no end of year testing was done for these students.

Maths for Y7 2021



Y7 Maths BOY	
Below	19.63%
At	50.31%
Above	30.06%

Maths Comment for BOY:

There are 32 (19.63%) students who are below the expected reading level for Y7. Half the students (50.31%) are at the expected level and a third (30.06%) are above the expected level.

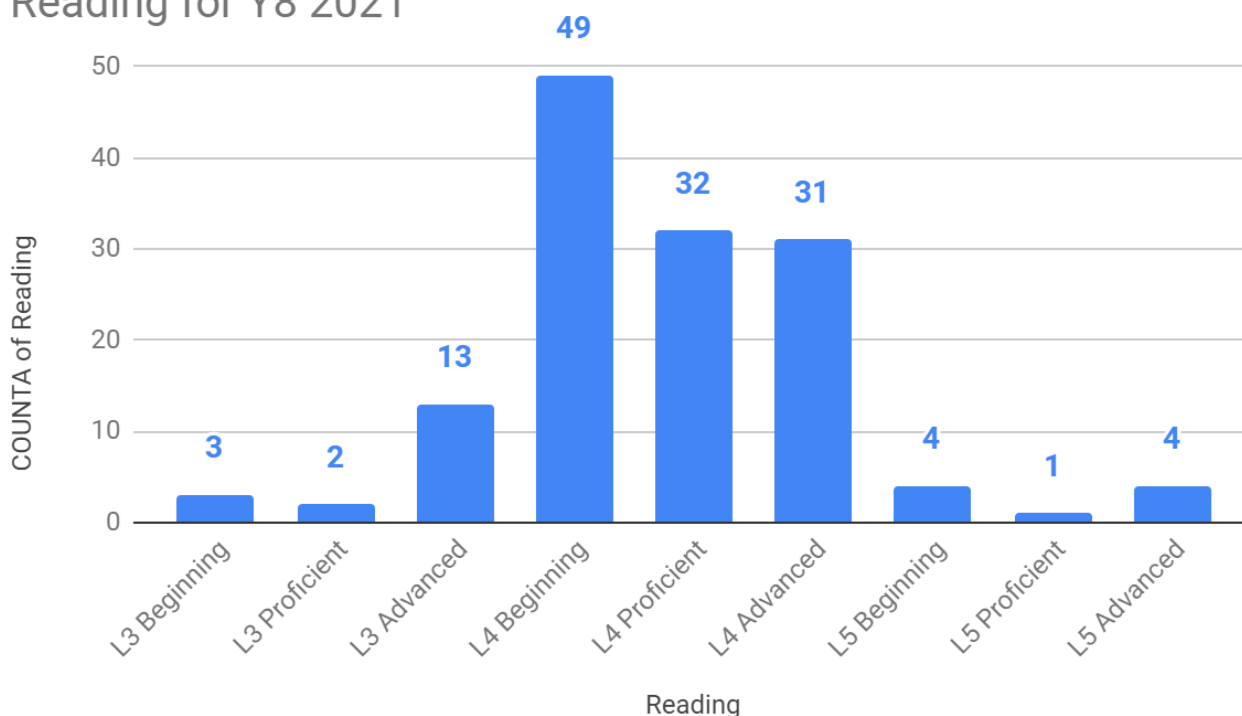
Maths Comment for EOY:

Unfortunately, due to extended lock downs in 2021 and only being onsite for learning for half of the year, no end of year testing was done for these students.

Year 8 e-asTTle 2021 Beginning of Year data

As this was the beginning of the year, we take the e-asTTle score as what would be expected for Y7 EOY as our baseline.

Reading for Y8 2021



Y8 Reading BOY	
Below	12.95%
At	35.25%
Above	51.80%

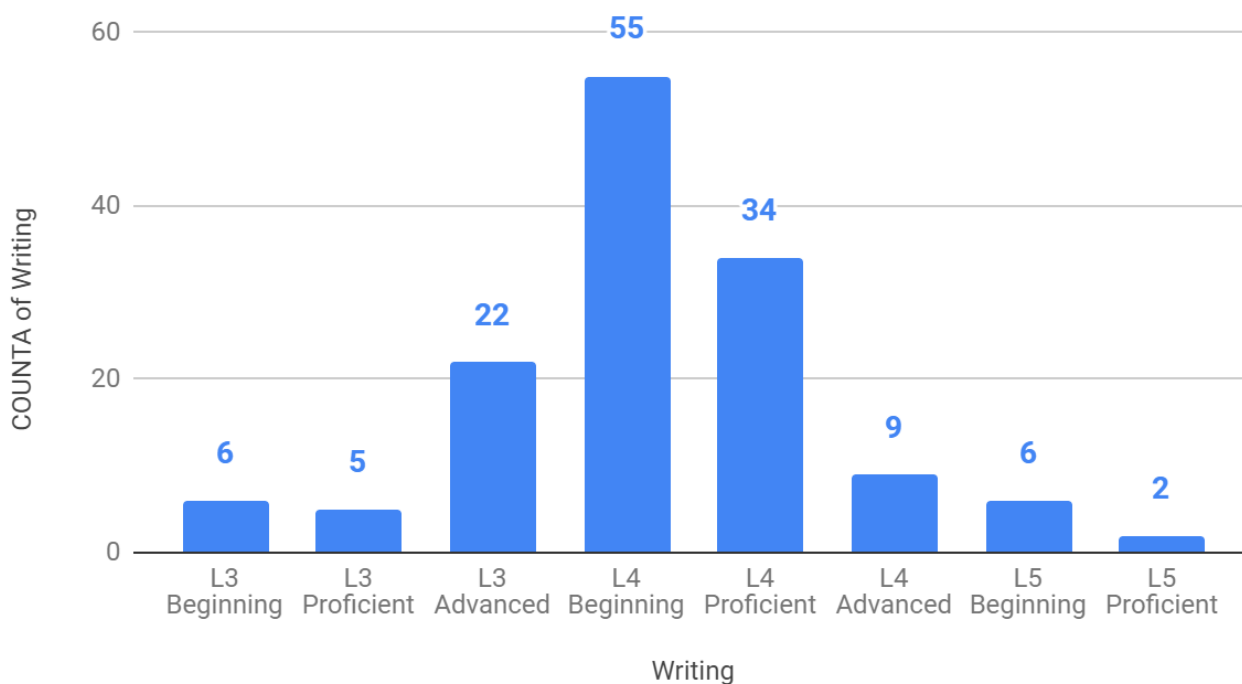
Reading Comment for BOY:

There are 18 (12.95%) students who are below the expected reading level for Y8. Over a third of the students (35.25%) are at the expected level and over half (51.80%) are above the expected level.

Reading Comment for EOY:

Unfortunately, due to extended lock downs in 2021 and only being onsite for learning for half of the year, no end of year testing was done for these students.

Writing for Y8 2021



Y8 Writing BOY	
Below	23.74%
At	39.57%
Above	36.69%

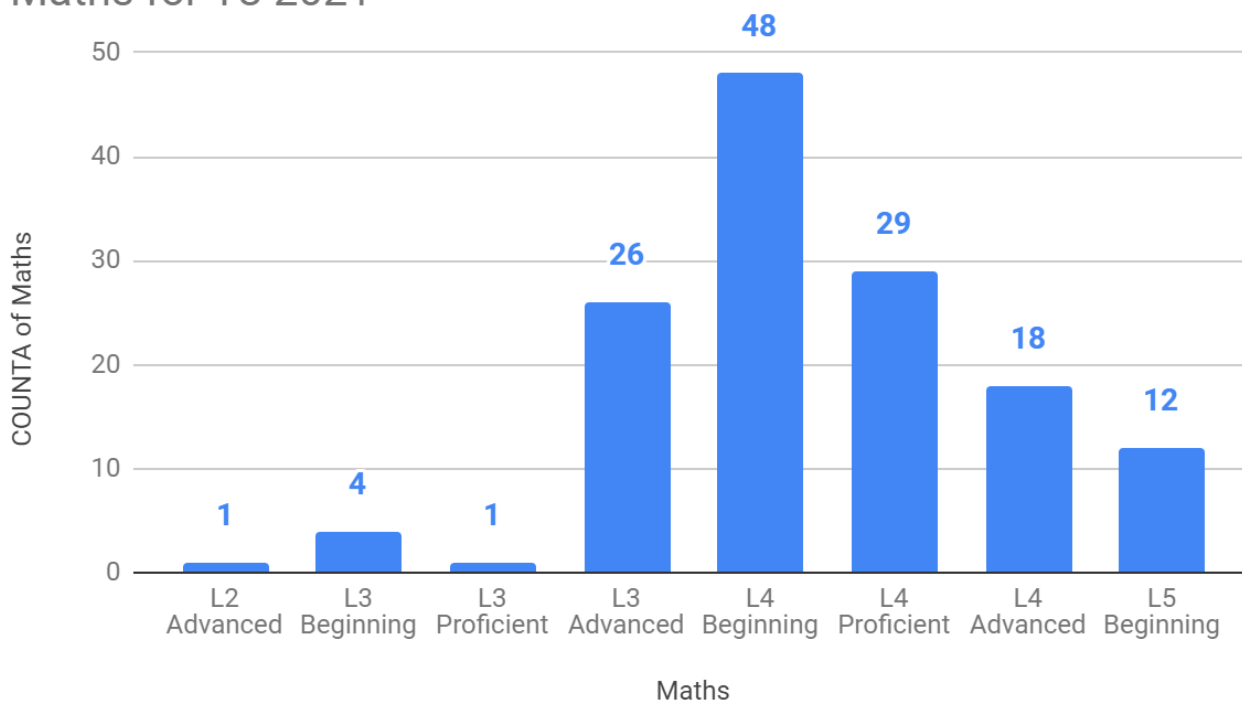
Writing Comment for BOY:

There are 33 (23.74%) students who are below the expected reading level for Y8. Well over a third of the students (39.57%) are at the expected level and again, over a third (36.69%) are above the expected level.

Writing Comment for EOY:

Unfortunately, due to extended lock downs in 2021 and only being onsite for learning for half of the year, no end of year testing was done for these students.

Maths for Y8 2021



Y8 Maths BOY	
Below	23.02%
At	34.53%
Above	42.45%

Maths Comment for BOY:

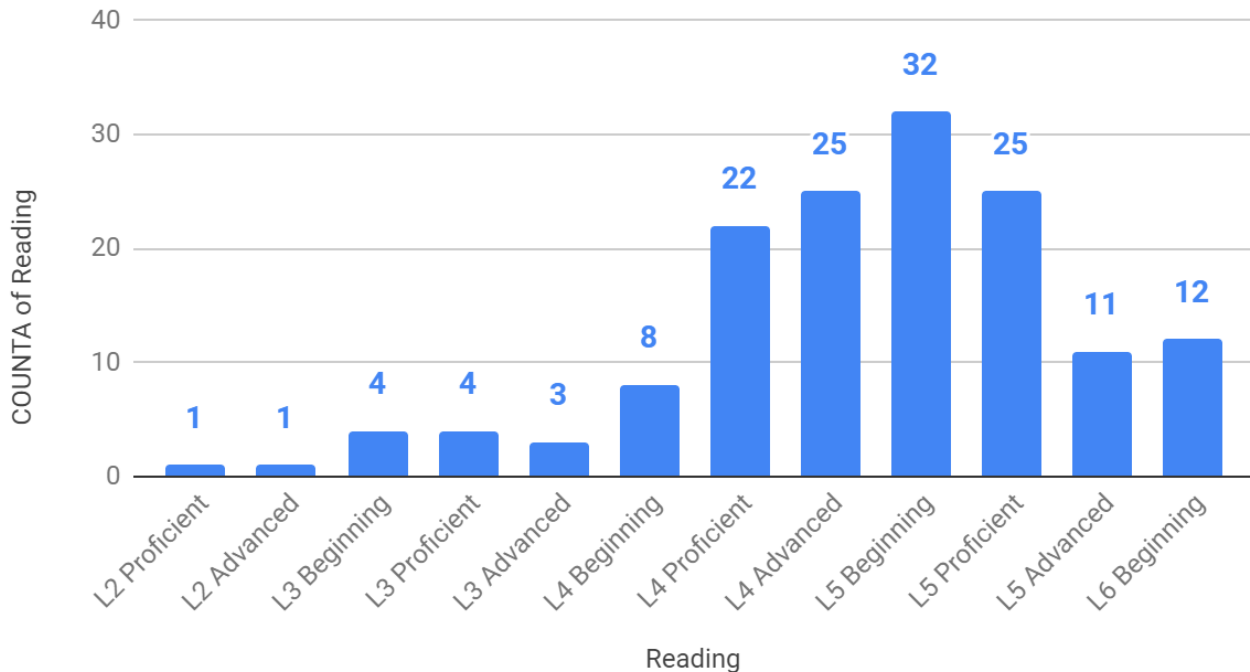
There are 32 (23.02%) students who are below the expected reading level for Y8. Over a third of the students (34.53%) are at the expected level and 42.45% are above the expected level.

Maths Comment for EOY:

Unfortunately, due to extended lock downs in 2021 and only being onsite for learning for half of the year, no end of year testing was done for these students.

Year 9 e-asTTle 2021 Beginning of Year data

Reading for Y9 2021



Y9 Reading BOY	
Below	14.19%
At	31.76%
Above	54.05%

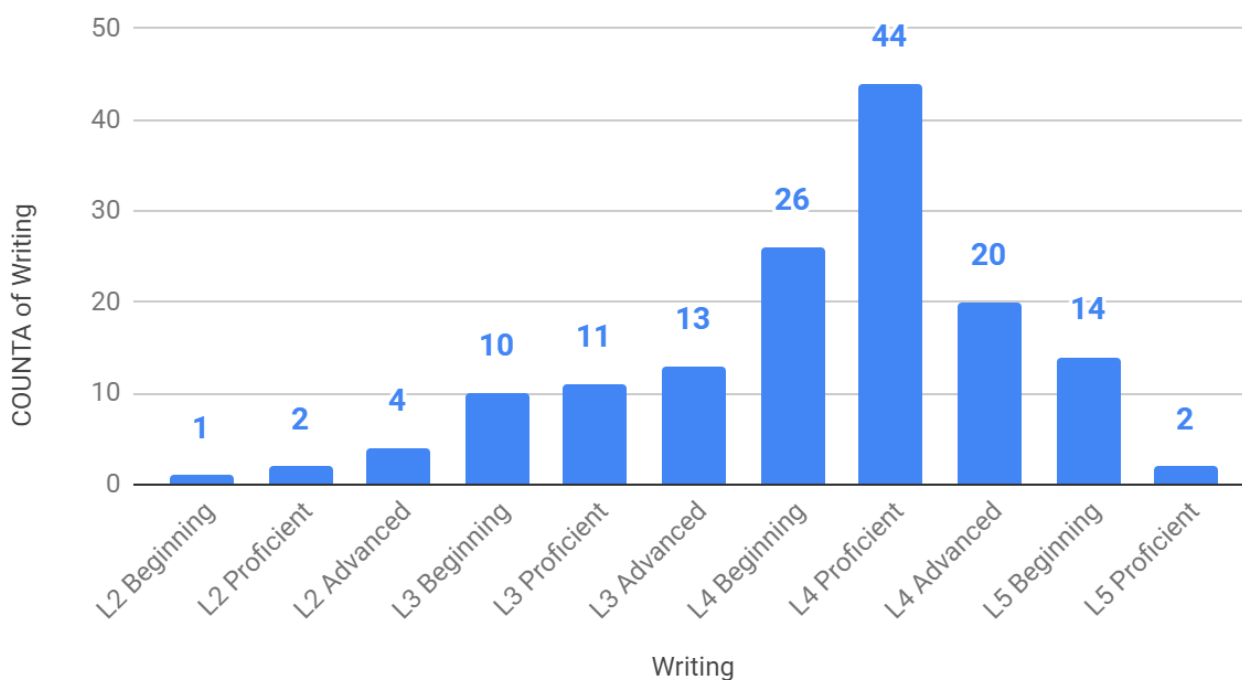
Reading Comment BOY:

The vast majority of students were At or Above 127 (81.85%) the expected level for Reading in Y9. There were only 21 (14.19%) who were below the expected level when they started in Y9.

Reading Comment EOY:

Unfortunately, due to extended lock downs in 2021 and only being onsite for learning for half of the year, no end of year testing was done for these students.

Writing for Y9 2021



Y9 Writing BOY	
Below	45.58%
At	43.54%
Above	10.88%

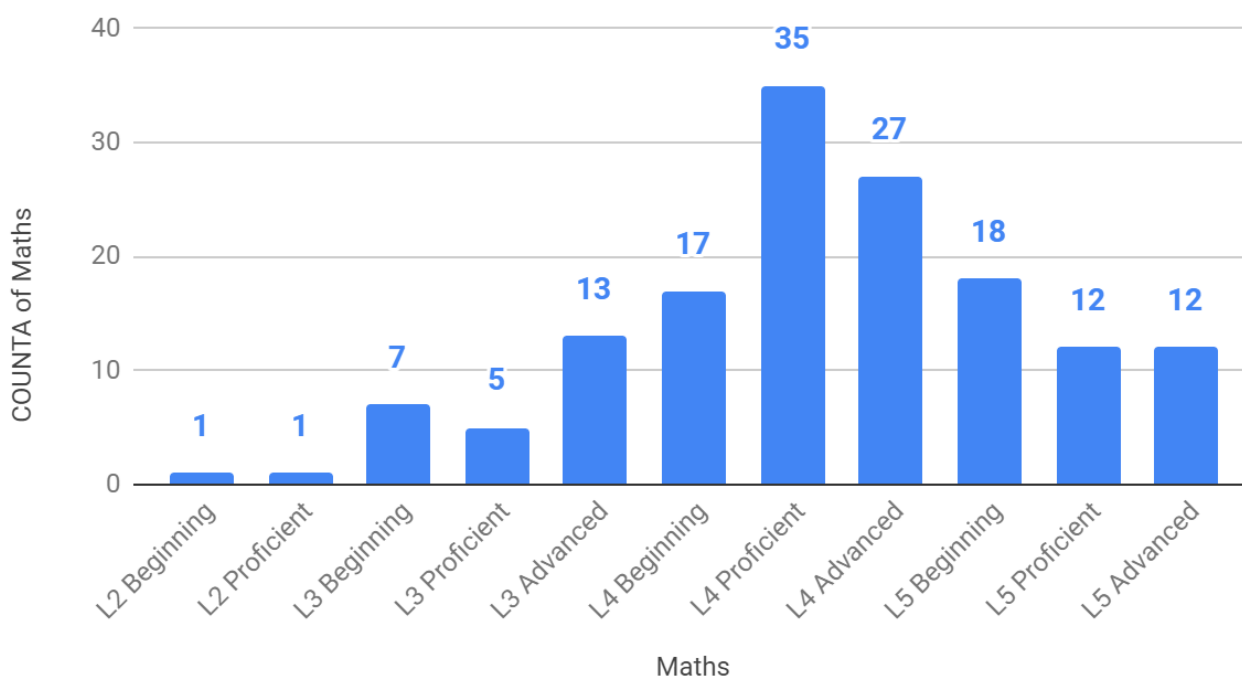
Writing Comment for BOY:

There were more than half of the students who either At or Above the expected level for writing - 80 (54.42%) students. Just under half of the students - 67 (45.58%) - were Below the level for writing.

Writing Comment for EOY:

Unfortunately, due to extended lock downs in 2021 and only being onsite for learning for half of the year, no end of year testing was done for these students.

Maths for Y9 2021



Y9 Maths BOY	
Below	29.73%
At	41.89%
Above	28.38%

Maths Comment BOY:

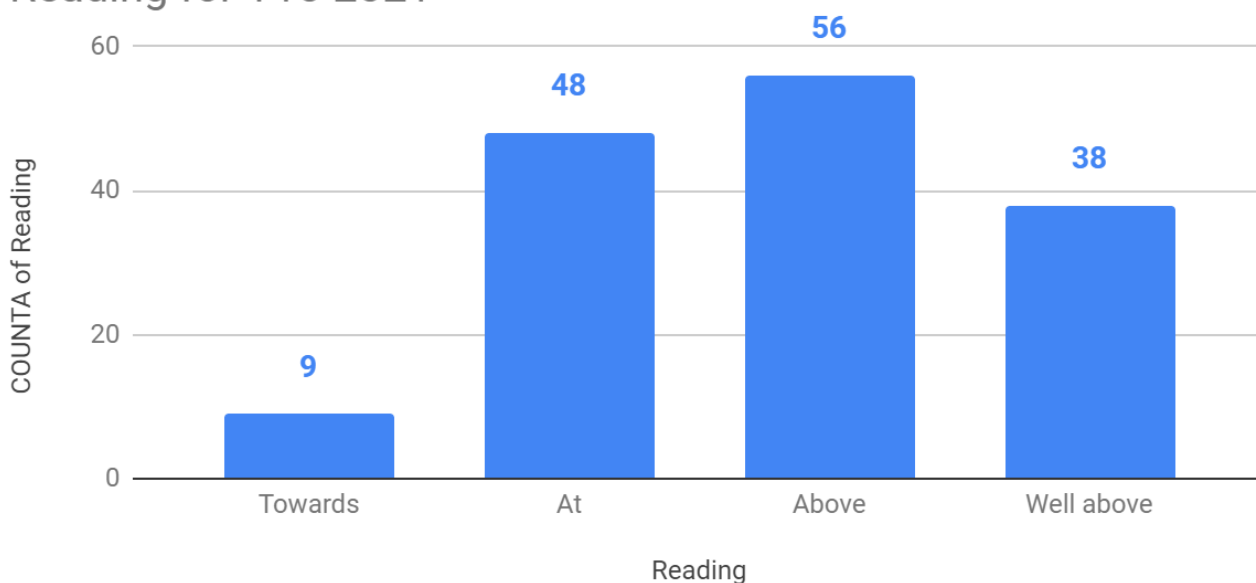
The vast majority of students are working At or Above the expected curriculum level for Y10 Maths - 104 (70.27%). Just under a third - 44 (29.73%) - are working below the expected Maths level.

Maths Comment EOY:

Unfortunately, due to extended lock downs in 2021 and only being onsite for learning for half of the year, no end of year testing was done for these students.

Year 10 e-asTTle 2021 Beginning of Year data

Reading for Y10 2021



Y10 Reading BOY	
Below	5.96%
At	31.79%
Above	62.25%

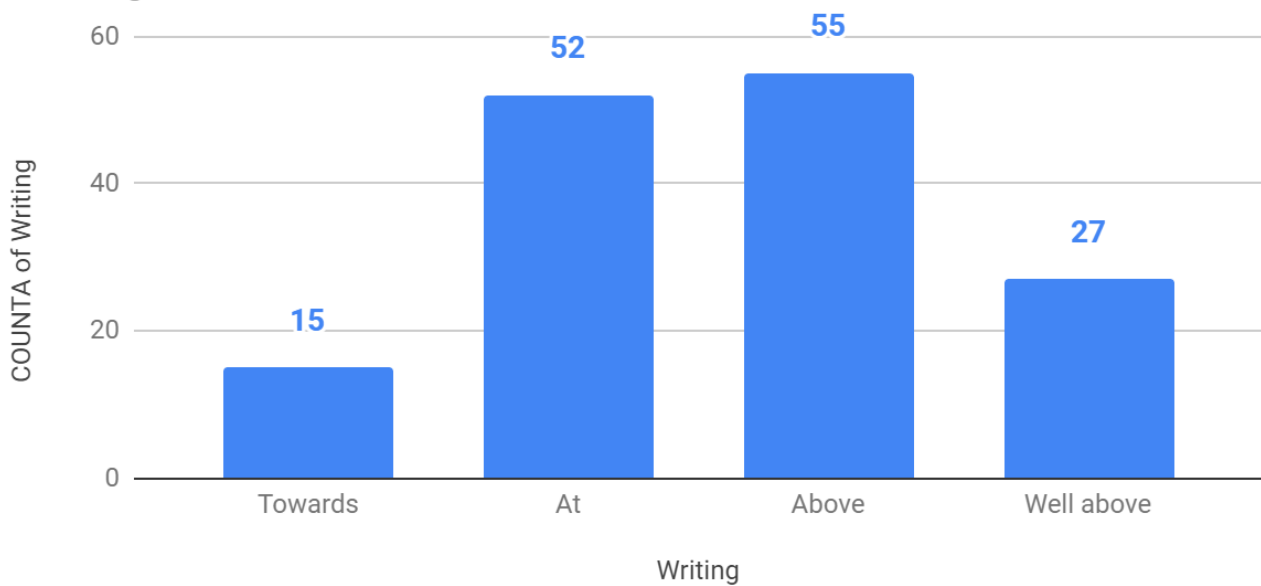
Reading Comment BOY:

Most of the students are working At or Above the Reading level expected for Year 10 students - 142 (94.04%). There very few students who are working one year below the expected level for Year 10 Reading - 9 (5.96%).

Reading Comment EOY:

Unfortunately, due to extended lock downs in 2021 and only being onsite for learning for half of the year, no end of year testing was done for these students.

Writing for Y10 2021



Y10 Writing BOY	
Below	10.07%
At	34.90%
Above	55.03%

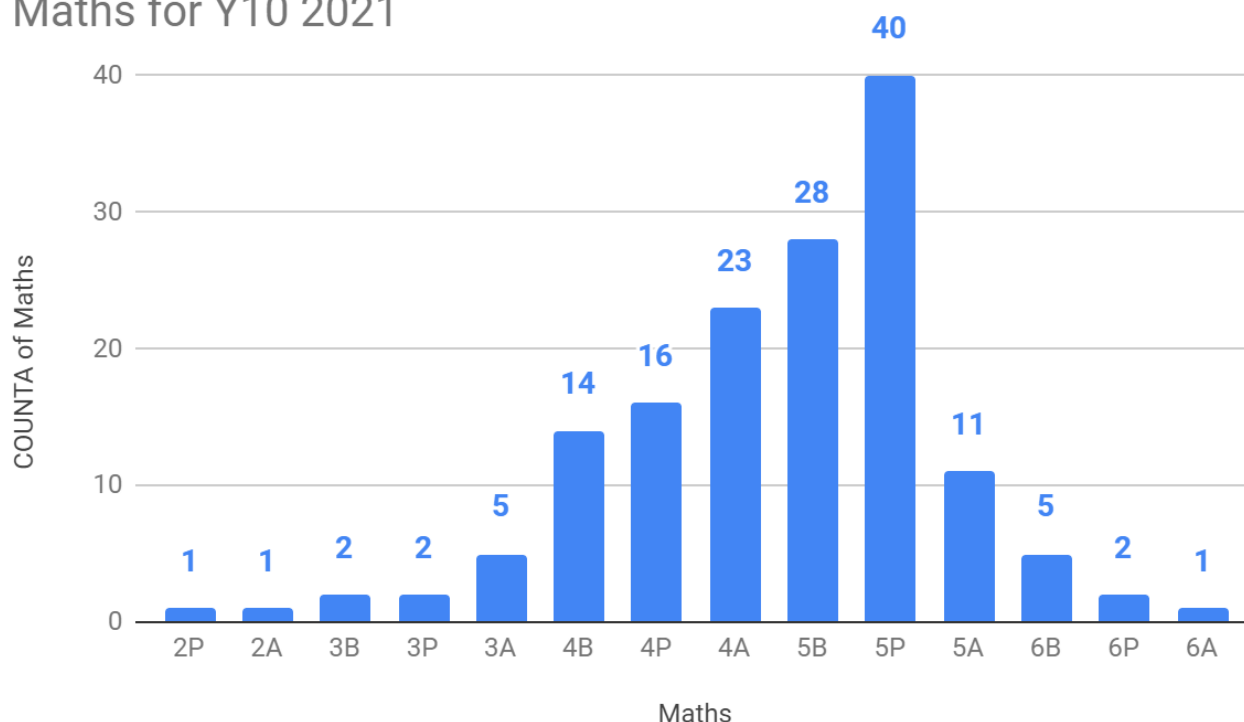
Writing Comment for BOY:

The vast majority - 134 (89.93%) - students who are At or Above the expected writing level for Y10. Very few of the students - 15 (10.07%) - are Below the expected level.

Writing Comment for EOY:

Unfortunately, due to extended lock downs in 2021 and only being onsite for learning for half of the year, no end of year testing was done for these students.

Maths for Y10 2021



Y10 Maths BOY	
Below	42.38%
At	18.54%
Above	39.07%

Maths Comment BOY:

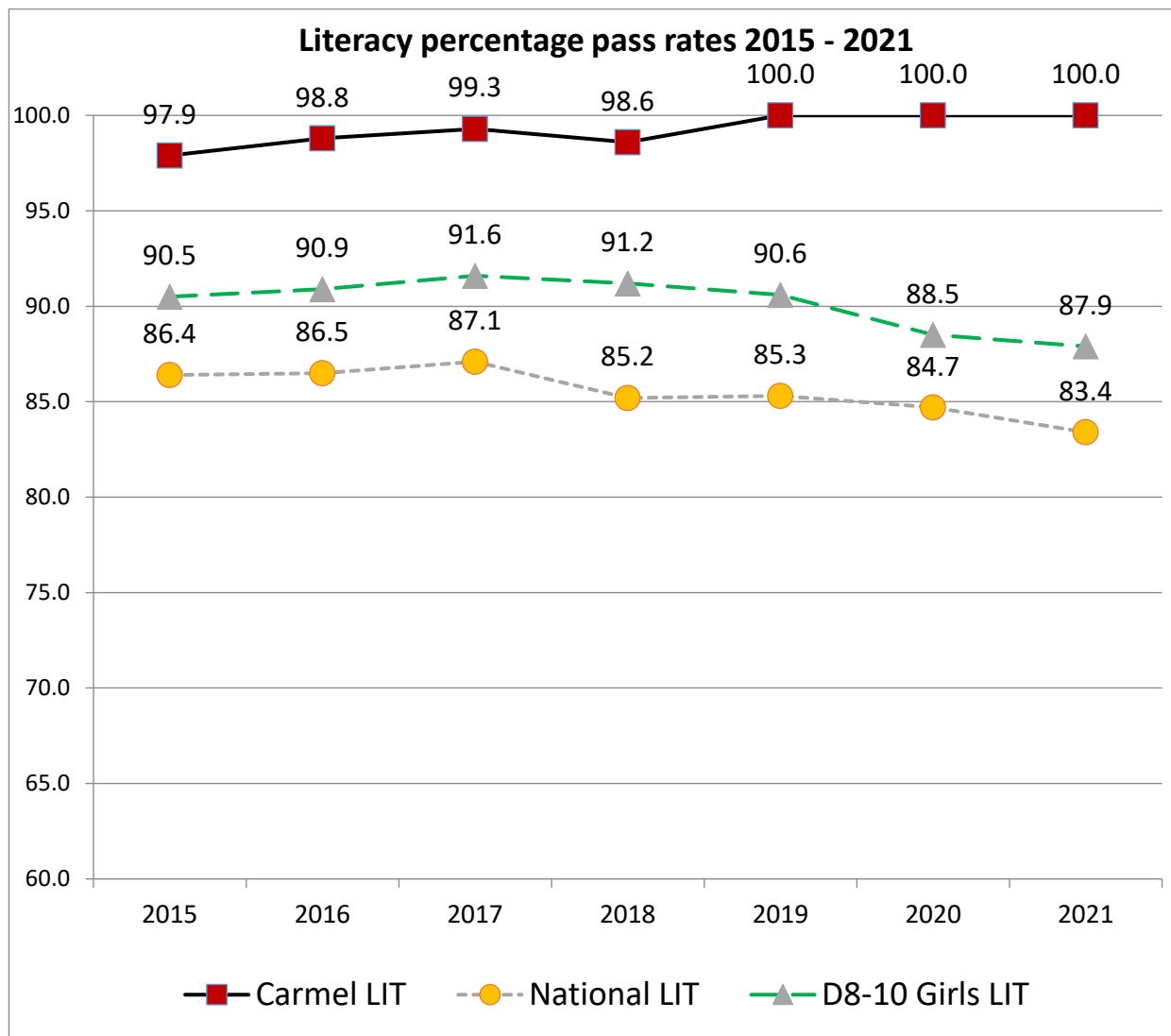
The majority of students are working At or Above - 87 (57.61%) the level expected for Year 10 Maths students. Under half of the students - 64 (42.38%) are working Below the expected Y10 level.

Maths Comment EOY:

Unfortunately, due to extended lock downs in 2021 and only being onsite for learning for half of the year, no end of year testing was done for these students.

NCEA results for 2021:

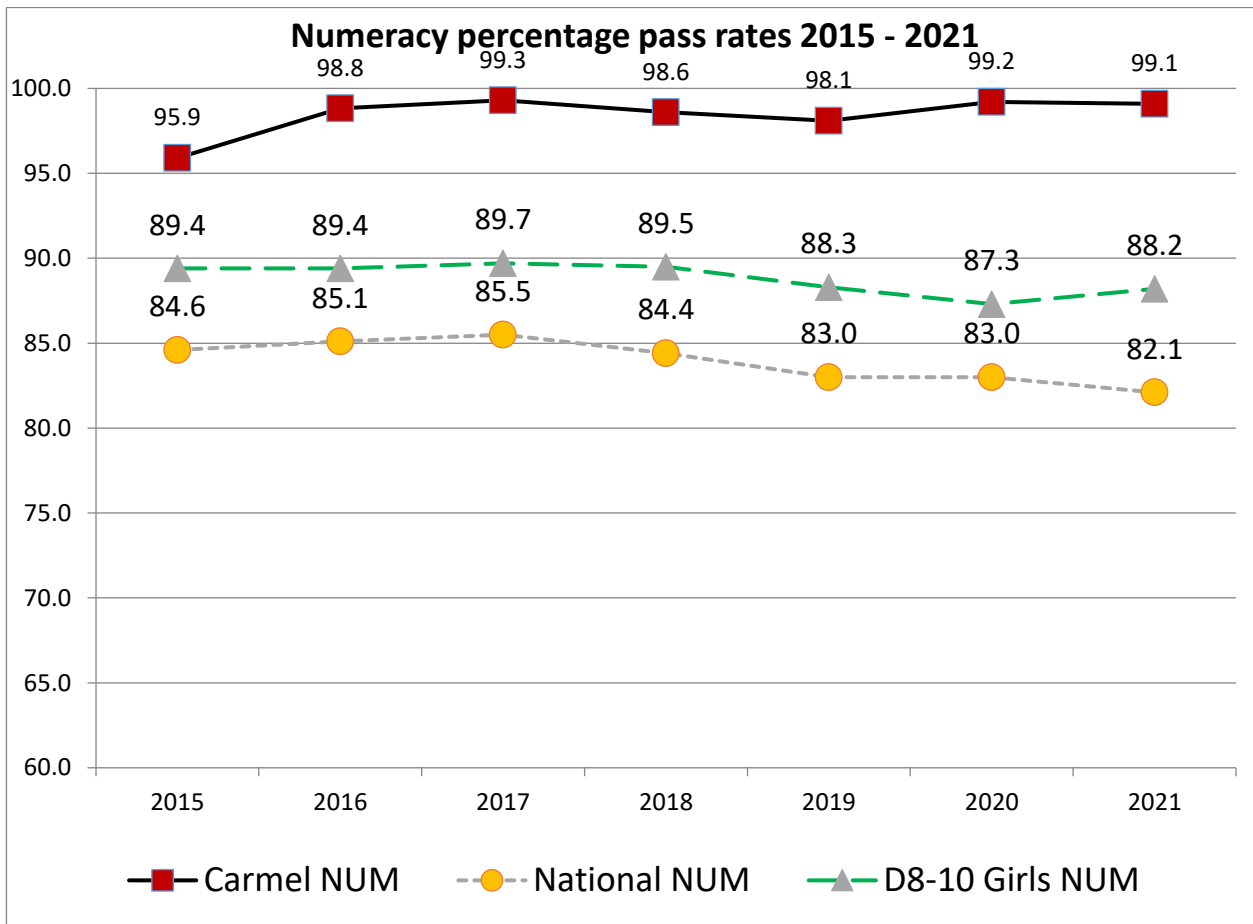
	2015	2016	2017	2018	2019	2020	2021
Carmel LIT	97.9	98.8	99.3	98.6	100.0	100.0	100.0
National LIT	86.4	86.5	87.1	85.2	85.3	84.7	83.4
D8-10 Girls LIT	90.5	90.9	91.6	91.2	90.6	88.5	87.9



Literacy: Carmel has continued to maintain very high levels of literacy attainment. We have achieved a 100% literacy pass rate for the past three years. This makes it the sixth consecutive year that the L1 literacy pass rates have been above 98%.

While Carmel has maintained our 100% literacy rates, both comparable Deciles and national rates show a downward trend in literacy rates. When compared to similar schools (D8-10: 87.9%) are 12.1% higher and when compared to national pass rates, (83.4%), Carmel is 16.6% higher.

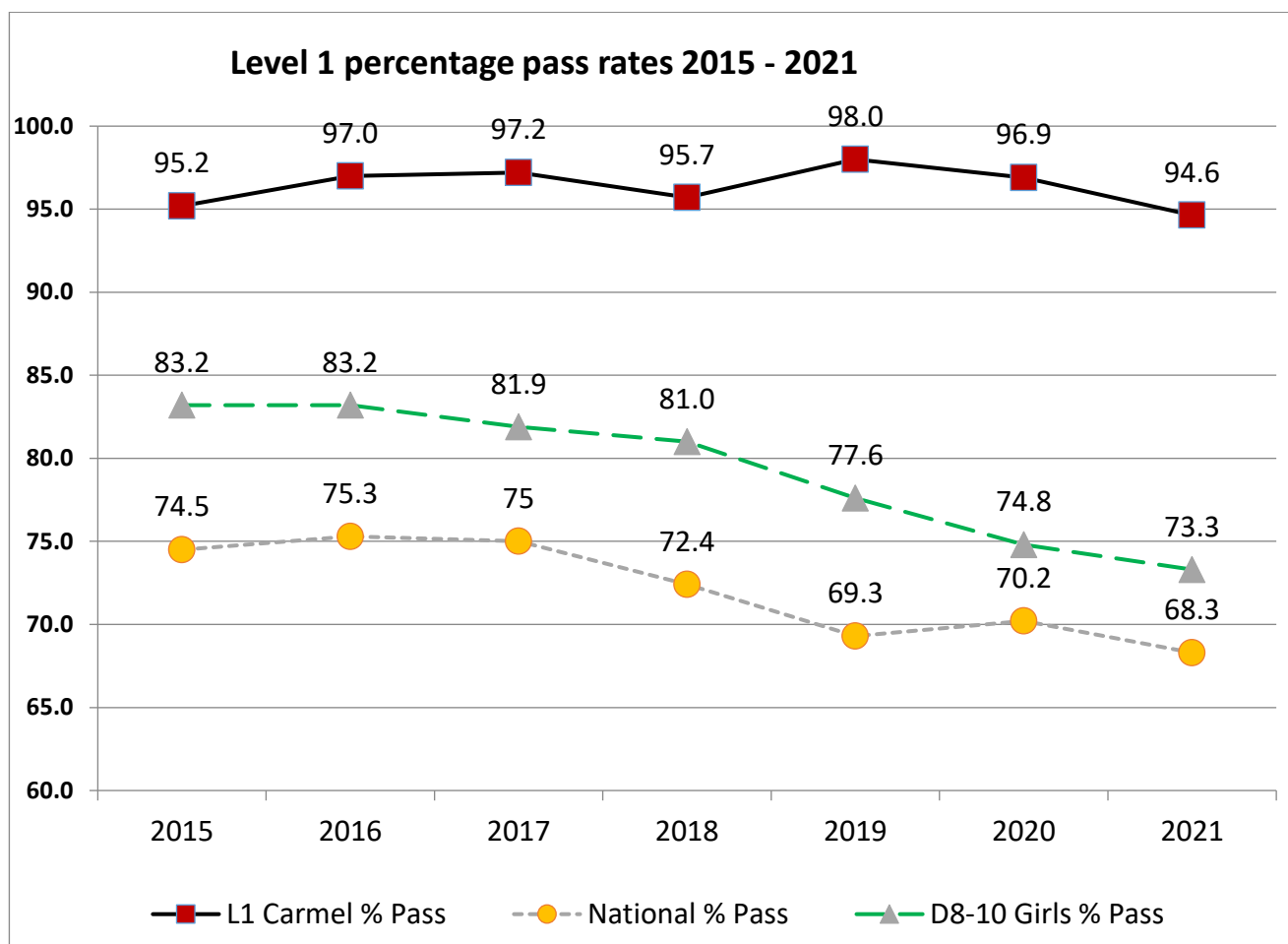
	2015	2016	2017	2018	2019	2020	2021
Carmel NUM	95.9	98.8	99.3	98.6	98.1	99.2	99.1
National NUM	84.6	85.1	85.5	84.4	83.0	83.0	82.1
D8-10 Girls NUM	89.4	89.4	89.7	89.5	88.3	87.3	88.2



Numeracy: Again, Carmel has continued to maintain very high levels of numeracy attainment - 99.1%. This is one student who did not get numeracy. This the sixth consecutive year that the pass rate has been above 98%.

Our numeracy rates, when compared to similar schools (D8-10: 88.2%) are 10.2% higher and when compared to national pass rates, (82.1%), Carmel is 17.0% higher.

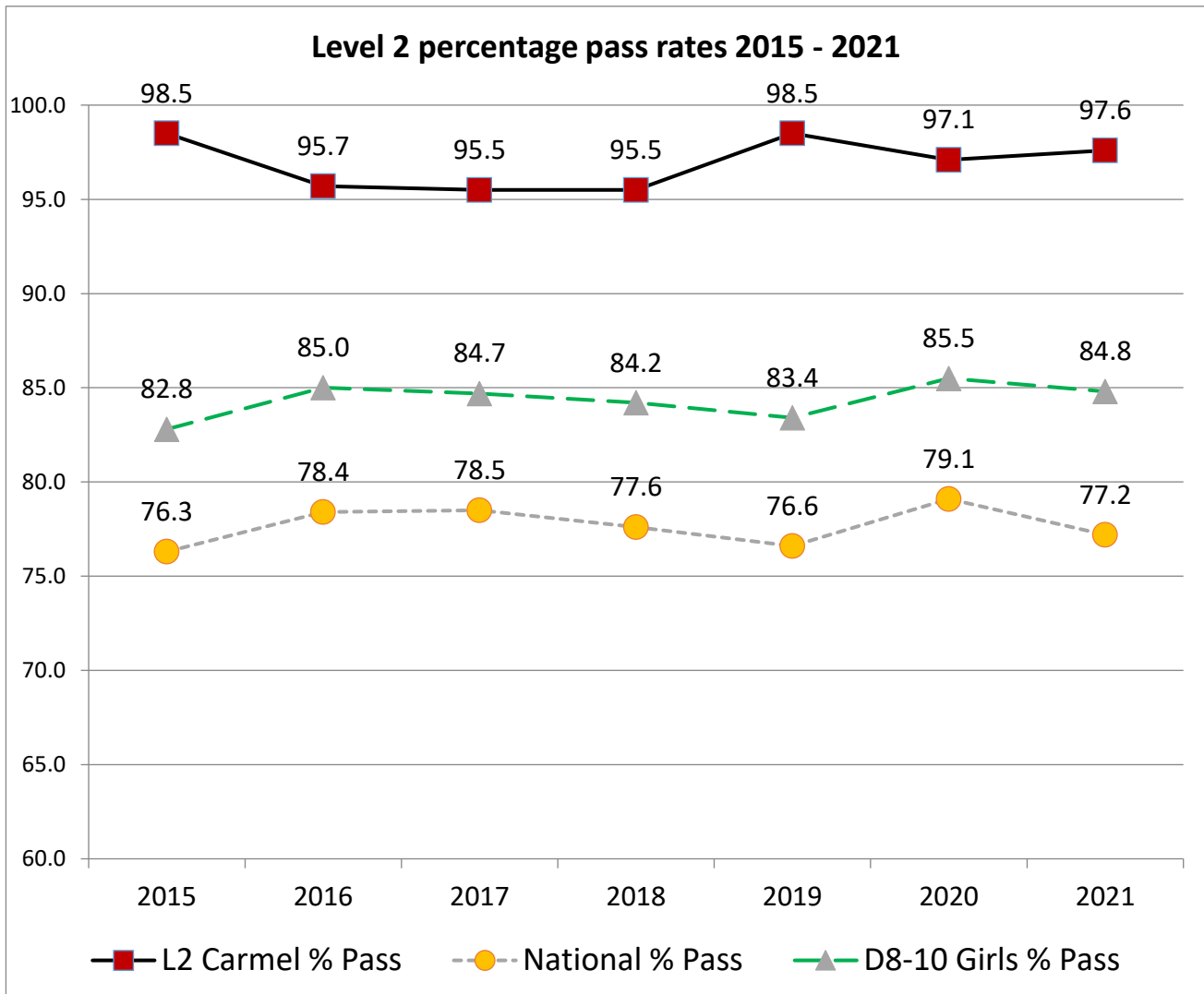
	2015	2016	2017	2018	2019	2020	2021
L1 Carmel % Pass	95.2	97.0	97.2	95.7	98.0	96.9	94.6
National % Pass	74.5	75.3	75	72.4	69.3	70.2	68.3
D8-10 Girls % Pass	83.2	83.2	81.9	81.0	77.6	74.8	73.3



Level 1: Over the past six years, Carmel (94.56%) has been exceeding D8-10 (73.3%) schools and the national pass rates (68.3%) by considerable margins. In 2021, the gap to D8-10 is 21.3% and to the national average is 26.3%.

It is interesting to note that, over the past 5 years, there continues to be a downward trend in the D8-10 and a decrease in 2021 for the national percentage passes. Although there was a 2.3% drop in pass rates for 2021, 94.6% pass rates equates to 6 students not passing L1 in their first year of NCEA. 1 of those students was on the Learning Support register; 1 left the college before sitting any externals; 1 has since left Carmel as she was travelling large distances daily and this affected her attendance rates; the other 3 were a few credits short of the 80 that they needed.

	2015	2016	2017	2018	2019	2020	2021
L2 Carmel % Pass	98.5	95.7	95.5	95.5	98.5	97.1	97.6
National % Pass	76.3	78.4	78.5	77.6	76.6	79.1	77.2
D8-10 Girls % Pass	82.8	85.0	84.7	84.2	83.4	85.5	84.8

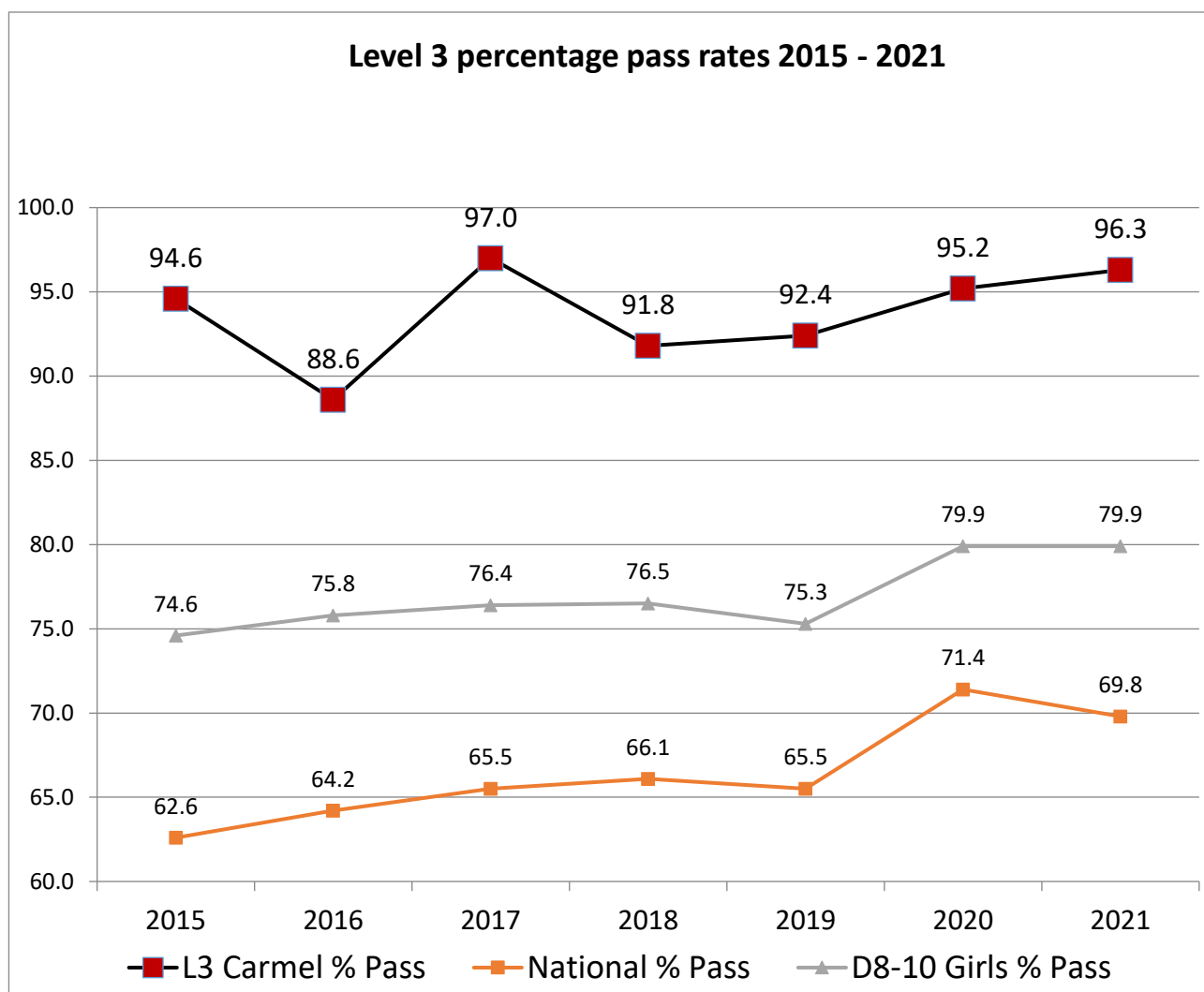


Level 2: Over the past seven years, Carmel (97.6%) has been exceeding D8-10 schools (84.8%) and the national average (77.8%) by considerable margins. While there was a dip in percentage pass rates for both D8-10 schools and nationally, Carmel saw a slight increase.

In 2021, the gap to D8-10 is 12.8% and to the national average is 20.4%.

A 97.6% pass rate means that there were 4 out of 133 students who did not pass L2 in their first attempt. 2 of these students left to go to other schools before the end of T2; 1 student left for employment before sitting any externals; 1 student was enrolled in only entered a limited number of standards.

	2015	2016	2017	2018	2019	2020	2021
L3 Carmel % Pass	94.6	88.6	97.0	91.8	92.4	95.2	96.3
National % Pass	62.6	64.2	65.5	66.1	65.5	71.4	69.8
D8-10 Girls % Pass	74.6	75.8	76.4	76.5	75.3	79.9	79.9

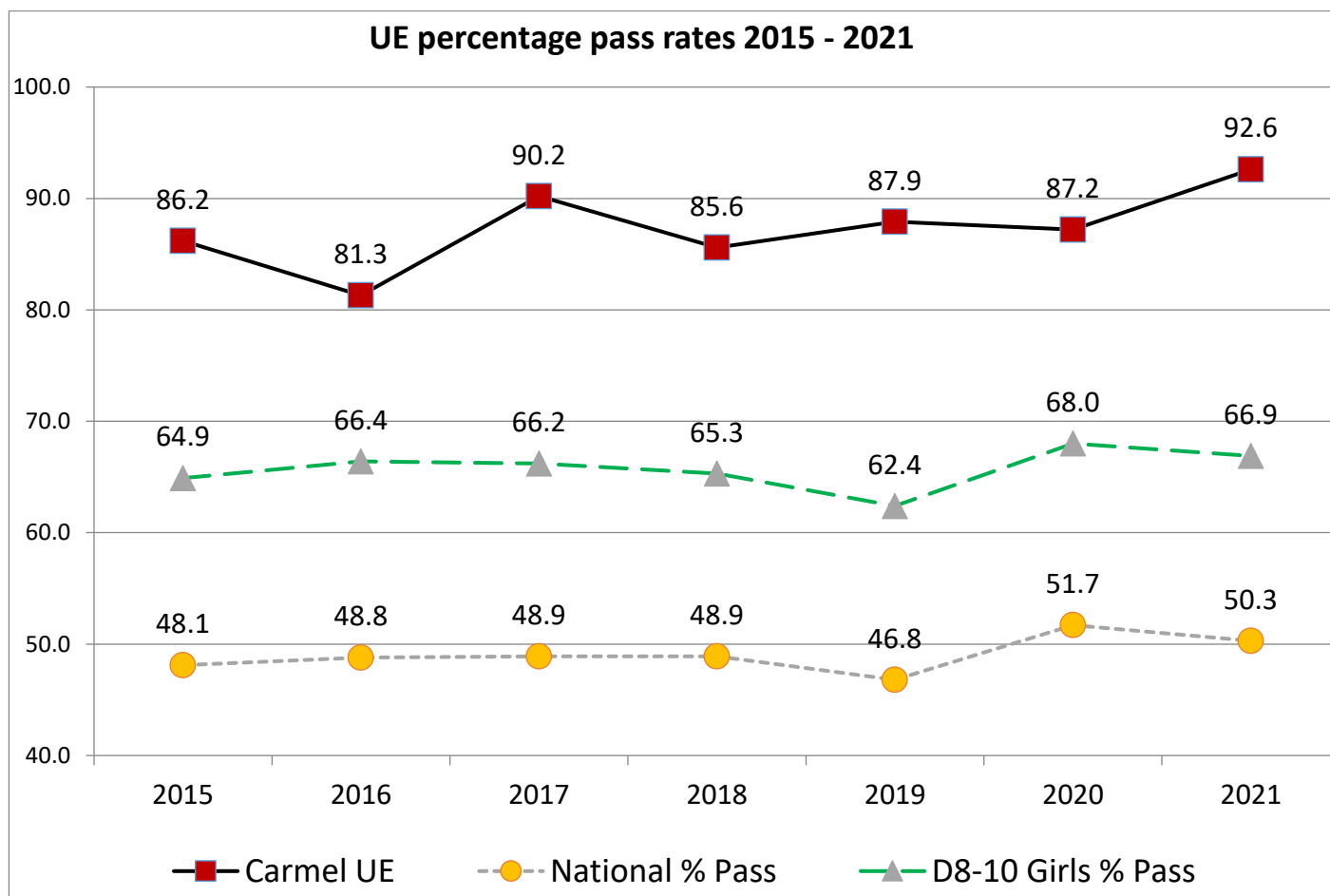


Level 3: Over the past four years, Carmel (96.3%) has seen a steady increase in percentage pass rates and continue to exceed D8-10 schools (79.9%) and the national average (69.8%), by considerable margins.

There has been a 1.1% increase in our 2021 L3 pass rates. This is the cohort of students that we really focused on during 2021 and the several months of lockdowns and it is pleasing to see that the efforts of both the staff and the students were rewarded.

5 out of 119 did not pass L3. 2 students did not complete the school year - 2 students left at end of T2 to go onto tertiary courses; 3 students were on our Learning Support register and were not enrolled to do any L3 credits.

	2015	2016	2017	2018	2019	2020	2021
Carmel UE	86.2	81.3	90.2	85.6	87.9	87.2	92.6
National % Pass	48.1	48.8	48.9	48.9	46.8	51.7	50.3
D8-10 Girls % Pass	64.9	66.4	66.2	65.3	62.4	68.0	66.9



UE: Since the changes to UE qualifications in 2014, we have focused on ensuring students who are planning to enrol in a university in the following year are able to select courses and standards that enable them to gain UE.

Carmel showed a 92.6% pass rate for UE. 2021 saw an increase (5.4%) in the number of students gaining UE.

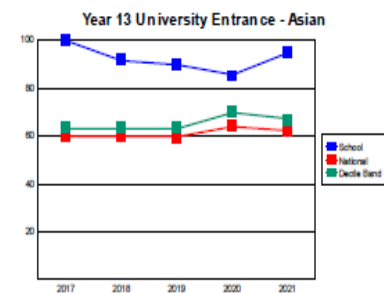
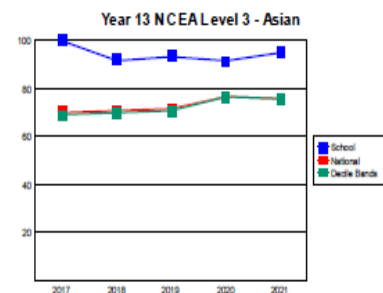
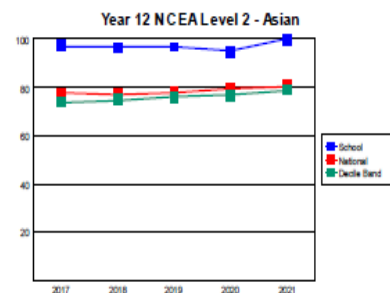
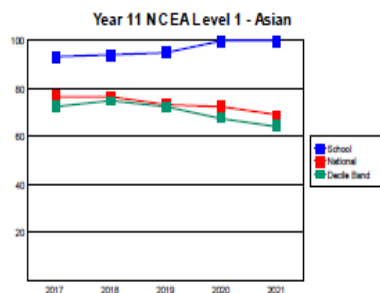
Carmel (92.6%) still exceeds comparable schools by significant margins: D8-10 schools (66.9%) by 25.7% and national rates (50.3%) by 42.3%.

Next steps: To continue monitoring the close monitoring of Y12 and Y13 students early in 2022 and put learning programmes in place by the end of T1 to enable them to gain UE, if that is part of their learning pathway.

Analysis of Achievement by Ethnicity:

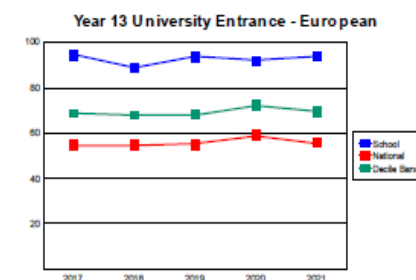
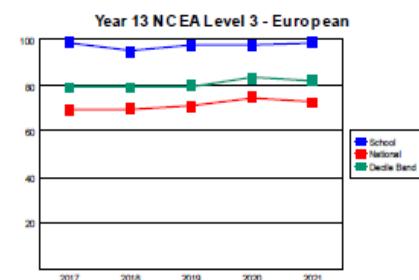
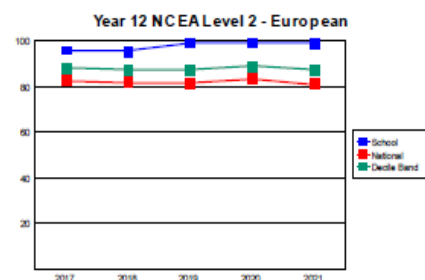
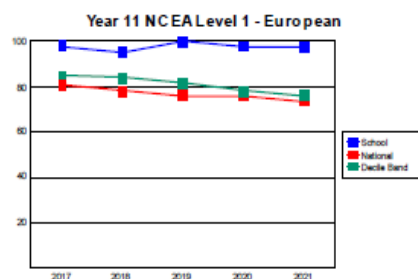
For all levels of attainment and all ethnicities, Carmel is consistently above, and in some cases, significantly above, national and D8-10 pass rates.

Academic Year	Carmel College				National				Decile 8-10			
	Year 11 NCEA L1	Year 12 NCEA L2	Year 13 NCEA L3	Year 13 UE	Year 11 NCEA L1	Year 12 NCEA L2	Year 13 NCEA L3	Year 13 UE	Year 11 NCEA L1	Year 12 NCEA L2	Year 13 NCEA L3	Year 13 UE
Asian												
2017	93.3	97.3	100.0	100.0	77.3	77.6	70.2	60.1	73.0	74.0	68.8	63.3
2018	94.3	96.8	91.7	91.7	76.9	77.3	70.5	60.1	75.4	74.7	69.6	63.4
2019	95.5	97.1	93.3	90.0	73.9	78.3	71.3	59.3	72.9	76.1	70.2	63.1
2020	100.0	95.1	91.2	85.3	73.1	80.0	76.5	64.1	68.1	76.9	76.1	70.0
2021	100.0	100.0	95.1	95.1	69.5	80.6	75.6	61.9	64.6	78.9	75.3	66.8



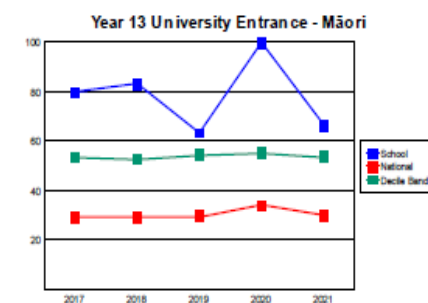
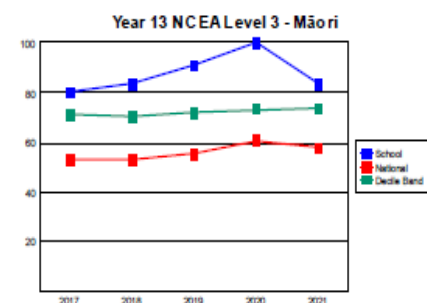
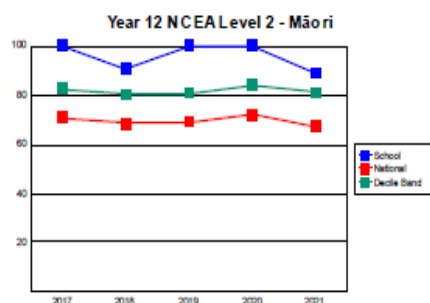
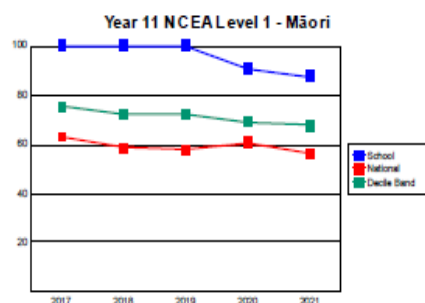
Based on the MOE supplied data and graphs, the pass rates for our Asian students at Level 1, 2 and 3 exceed comparative national and decile based pass rates by more than 19%. Our Asian students exceed D8-10 by a very impressive 28%.

	Carmel College				National				Decile 8-10			
Academic Year	Year 11 NCEA L1	Year 12 NCEA L2	Year 13 NCEA L3	Year 13 UE	Year 11 NCEA L1	Year 12 NCEA L2	Year 13 NCEA L3	Year 13 UE	Year 11 NCEA L1	Year 12 NCEA L2	Year 13 NCEA L3	Year 13 UE
European												
2017	97.8	95.5	98.6	94.6	80.5	82.3	69.2	55.0	85.1	87.6	79.2	68.8
2018	95.5	95.1	95.1	88.9	78.0	81.5	69.9	55.0	84.1	86.9	79.3	68.0
2019	100.0	98.8	97.5	93.8	76.0	81.1	70.8	55.1	81.6	86.9	79.6	68.2
2020	97.6	98.8	97.4	92.1	75.8	83.2	74.6	59.0	78.1	88.6	83.5	72.5
2021	97.2	98.7	98.8	93.9	73.4	80.7	72.5	55.6	76.1	86.9	82.3	69.5



Based on the MOE supplied data and graphs, our European students' pass rates have widened from last year and continue to exceed D8-10 by between 11% to 24% across all levels and exceed national comparisons by between 18% to 36%. The differences are most significant at UE - D8-10 by 24% and national by 38%.

	Carmel College				National				Decile 8-10			
Academic Year	Year 11 NCEA L1	Year 12 NCEA L2	Year 13 NCEA L3	Year 13 UE	Year 11 NCEA L1	Year 12 NCEA L2	Year 13 NCEA L3	Year 13 UE	Year 11 NCEA L1	Year 12 NCEA L2	Year 13 NCEA L3	Year 13 UE
Māori												
2017	100.0	100.0	80.0	80.0	62.9	70.7	52.6	29.3	75.3	82.6	71.0	53.7
2018	100.0	90.9	83.3	83.3	58.4	68.6	52.9	29.3	72.1	80.4	70.1	52.8
2019	100.0	100.0	90.9	63.6	57.7	68.9	55.1	29.9	72.2	80.7	71.9	54.8
2020	90.9	100.0	100.0	100.0	60.8	71.9	60.7	34.1	69.0	84.0	73.1	55.6
2021	87.5	88.9	83.3	66.7	56.4	67.3	57.6	30.3	67.8	81.3	73.4	53.8



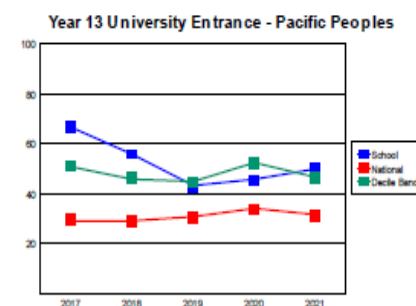
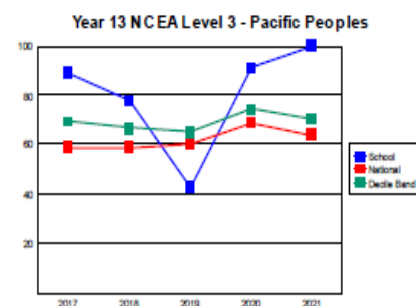
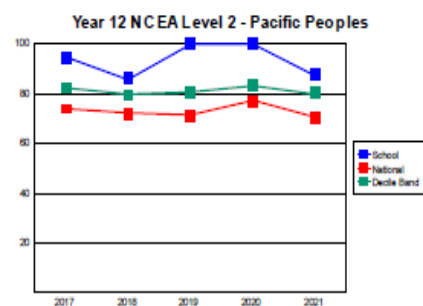
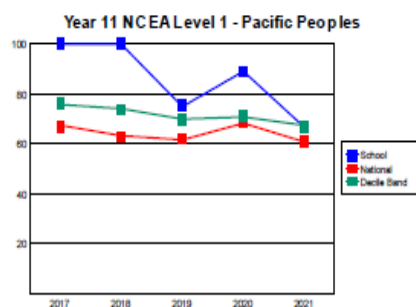
Based on the MOE supplied data and graphs, our Māori students (2022 = 7) are achieving at higher rates than the comparison data. At Level 1, 6 out of 7 Māori students passed L1. At Level 2, (2022 = 8) 7 out of 8 Māori students passed L2. There has been a steady increase in L3 (2022 = 5) 4 out of 5 Māori students passed NCEA L3.

So, in effect, there was only 1 Māori student in each year level did not gain L1, L2, or L3 in 2021. 3 out of 5 attained UE.

Our Māori students' pass rates continue to exceed D8-10 by between 7% to 19% across all levels and exceed national comparisons by between 21% to 36%.

The fluctuations in percentages over the years are partly due to the very low numbers of students of this ethnicity. [L1 = 7; L2 = 8 L3 = 5]

	Carmel College				National				Decile 8-10			
Academic Year	Year 11 NCEA L1	Year 12 NCEA L2	Year 13 NCEA L3	Year 13 UE	Year 11 NCEA L1	Year 12 NCEA L2	Year 13 NCEA L3	Year 13 UE	Year 11 NCEA L1	Year 12 NCEA L2	Year 13 NCEA L3	Year 13 UE
Pacific Peoples												
2017	100.0	94.4	88.9	66.7	67.1	73.9	58.9	29.3	75.8	82.3	69.4	50.6
2018	100.0	85.7	77.8	55.6	62.8	72.1	58.9	28.6	73.8	79.5	66.5	45.9
2019	75.0	100.0	42.9	42.9	61.8	71.3	60.3	30.3	69.6	80.3	65.2	44.4
2020	88.9	100.0	90.9	45.5	68.2	77.1	68.9	33.7	71.0	83.4	74.4	51.8
2021	66.7	87.5	100.0	50.0	60.8	70.3	63.9	31.3	67.1	80.0	70.3	46.1

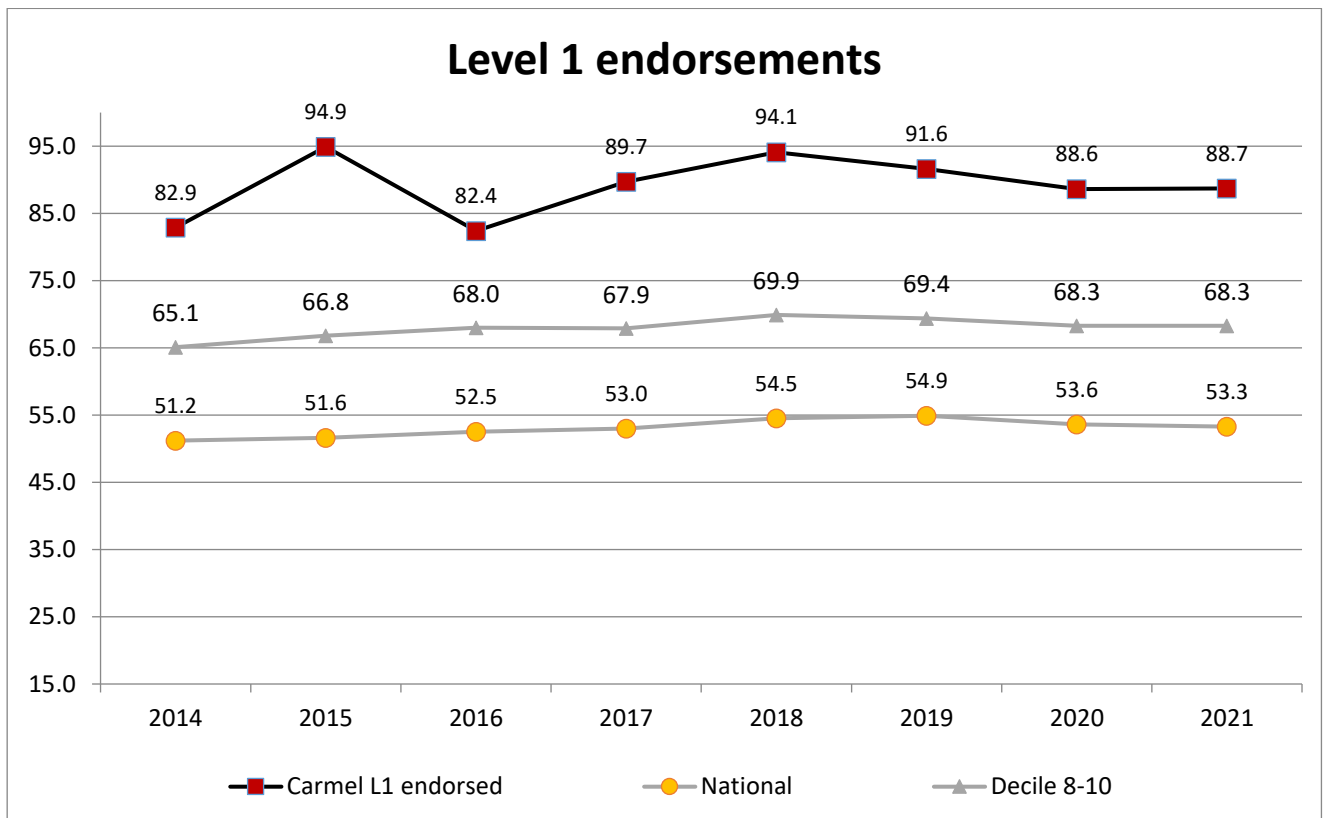


Based on the MOE supplied data and graphs, our Pasifika students continue achieving at a higher rate than most of the comparison data. At Level 1, 4 out of 6 students gained L1. At Level 2, it was (12 out of 14). At Level 3, it was 100% pass rate - 4 out of 4. For UE, it was 2 out of the 4.

The fluctuations in percentages over the years are partly due to the very low numbers of students of this ethnicity. [L1 = 6; L2 = 14; L3 = 14]

Analysis of Achievement by percentage of endorsement passes:

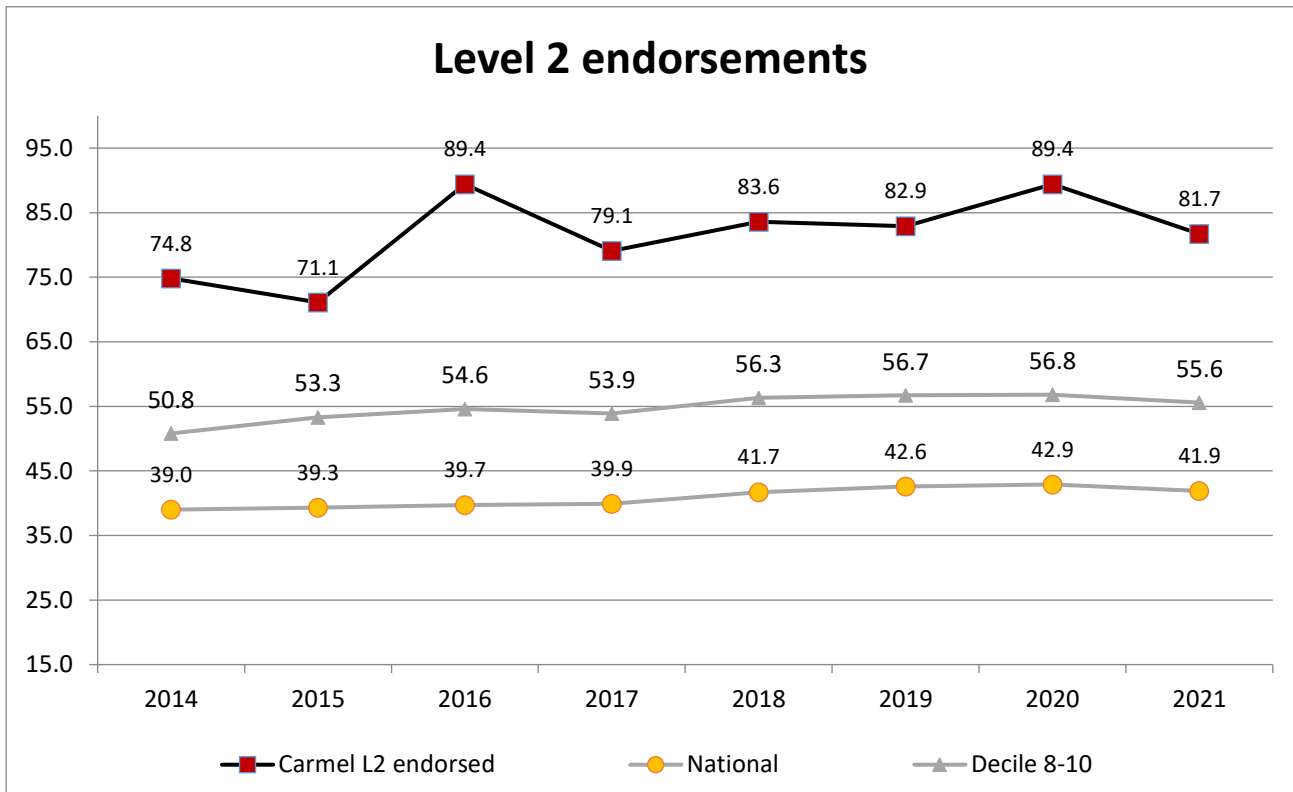
	2014	2015	2016	2017	2018	2019	2020	2021
Carmel L1 endorsed	82.9	94.9	82.4	89.7	94.1	91.6	88.6	88.7
National	51.2	51.6	52.5	53.0	54.5	54.9	53.6	53.3
Decile 8-10	65.1	66.8	68.0	67.9	69.9	69.4	68.3	68.3



Level 1: There was a small increase in the number of endorsements at L1.

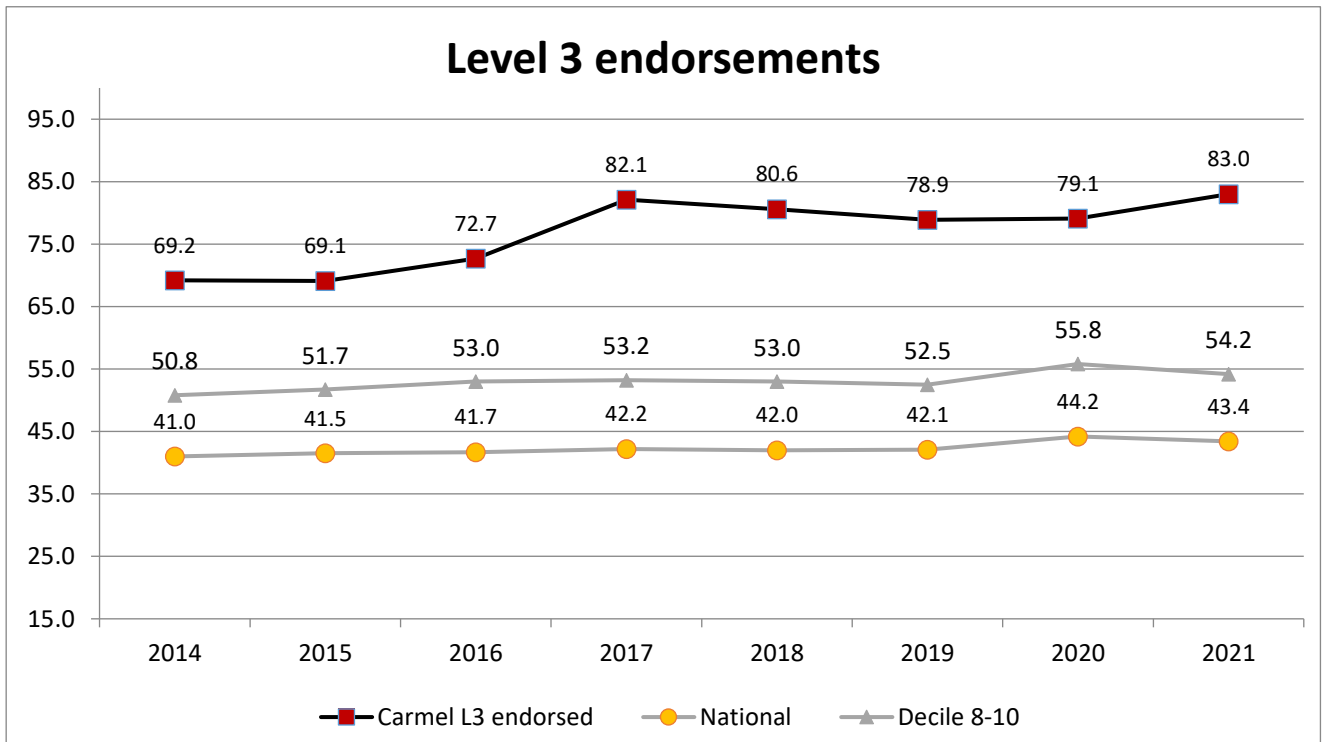
It is still truly impressive when we have nearly 9 out of 10 students gaining endorsements at this level. This is 20.4% higher than comparative deciles and 35.3% higher than national endorsement rates.

	2014	2015	2016	2017	2018	2019	2020	2021
Carmel L2 endorsed	74.8	71.1	89.4	79.1	83.6	82.9	89.4	81.7
National	39.0	39.3	39.7	39.9	41.7	42.6	42.9	41.9
Decile 8-10	50.8	53.3	54.6	53.9	56.3	56.7	56.8	55.6



Level 2: There is a decrease in endorsement rates (7.7%) for L2 in 2021. Even so, L2 endorsement rates are 26.1% above D8-10 and 39.8% above national comparisons. We have 4 out of 5 of our students gaining endorsement at L2.

	2014	2015	2016	2017	2018	2019	2020	2021
Carmel L3 endorsed	69.2	69.1	72.7	82.1	80.6	78.9	79.1	83.0
National	41.0	41.5	41.7	42.2	42.0	42.1	44.2	43.4
Decile 8-10	50.8	51.7	53.0	53.2	53.0	52.5	55.8	54.2

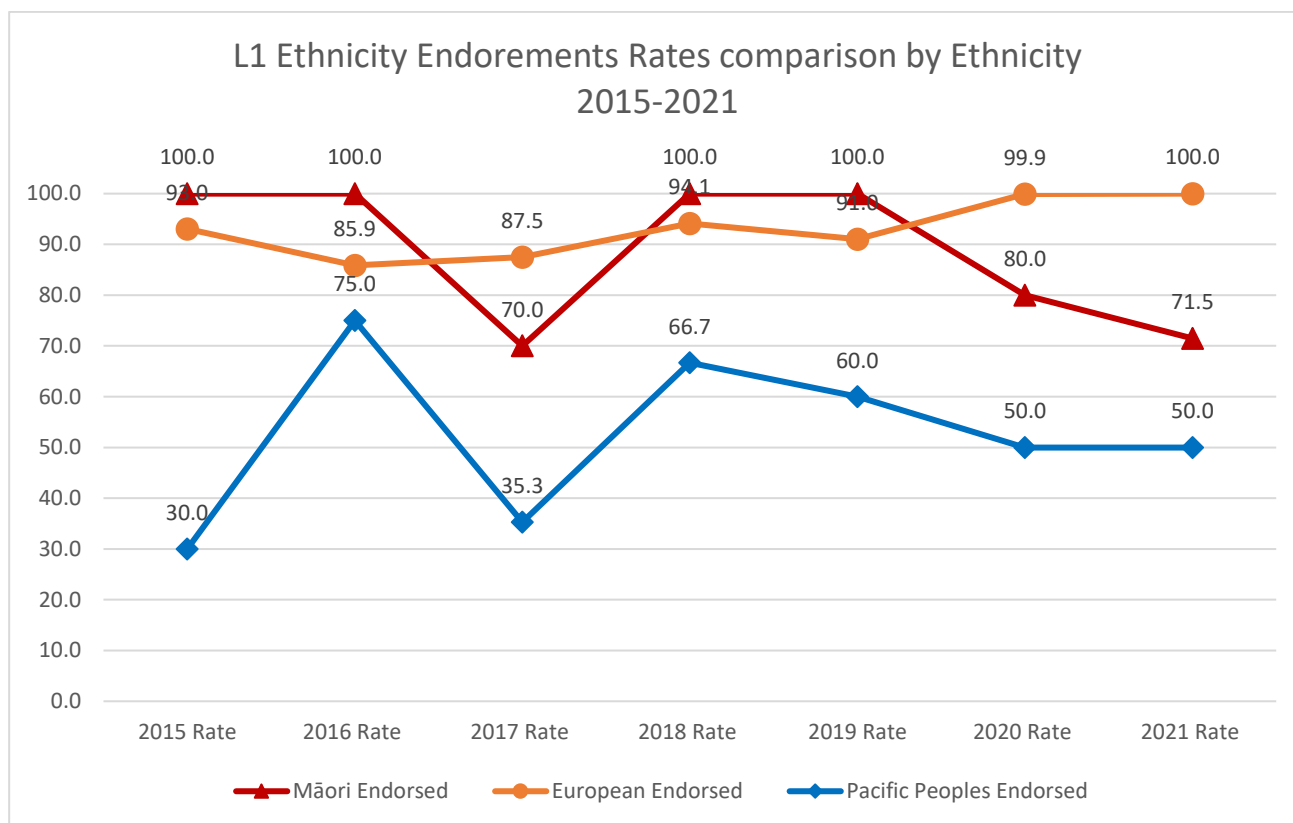


Level 3: We have another increase (3.9%) in endorsement rates in 2021. Again, at this level, we are 28.8% above the comparative D8-10 schools and 39.6% above when compared to the national data. We have 4 out of 5 of our students gaining endorsement at this level.

Next steps:

For all levels, the main focus will continue to be on maintaining these very impressive results by deliberate and intentional focus on assessment task design, the amount of assessment students are undertaking and the number of credits for which students are entered.

Level 1 Endorsements by ethnicity:



Qualification	Ethnicity	2015 Qty	2016 Qty	2017 Qty	2018 Qty	2019 Qty	2020 Qty	2021 Qty
Year 11	All Māori	8	6	10	9	5	10	7
Year 11	All European	86	92	88	85	89	82	70
Year 11	All Pacific Peoples	8	18	6	11	3	16	6

The actual number of Māori (L1 = 7) and Pasifika (L1 = 6) students in this cohort at Carmel makes statistical analysis by percentage very difficult.

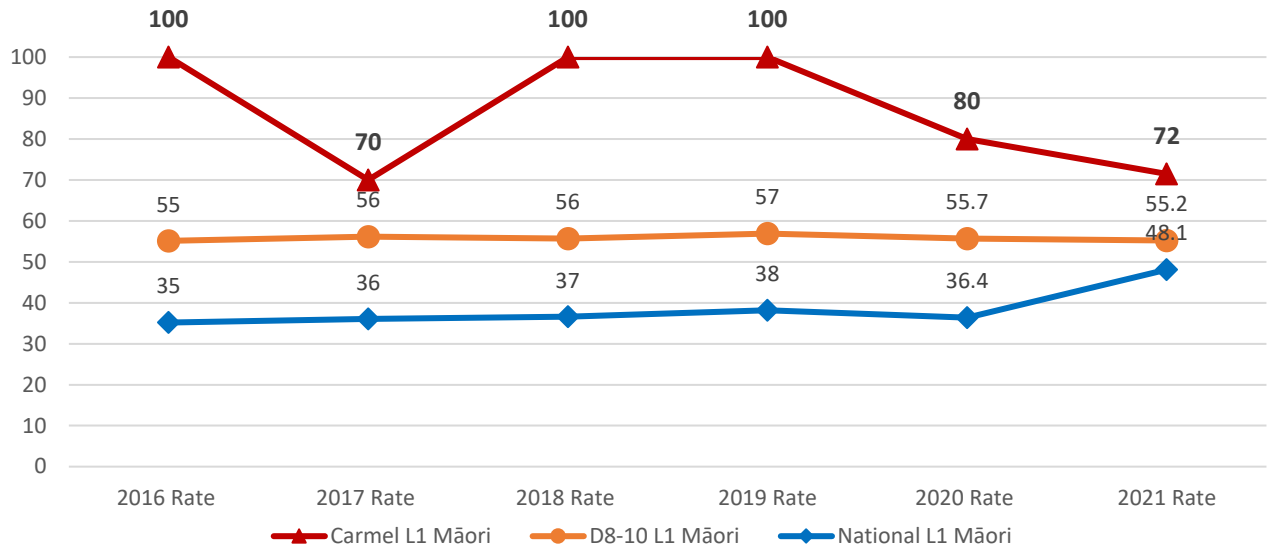
In 2021, 5 out of 7 of our Māori students got endorsed L1 certificates.

For our Pasifika students, 3 out of the 6 got an endorsed certificate at L1.

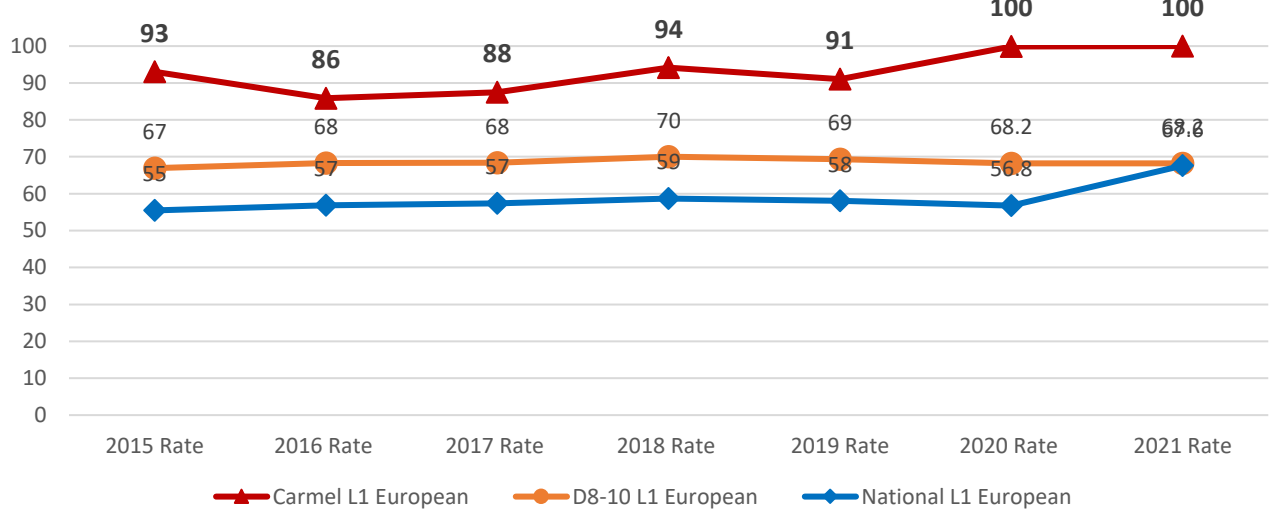
When comparing to endorsement rates by ethnicity, our Māori students exceed D8-10 (55.2%) by 17% and national rates (48.1%) by 24%.

For our Pasifika students, the endorsement rates are D8-10 (53.1%) and nationally (41.8%) is 8.2% above.

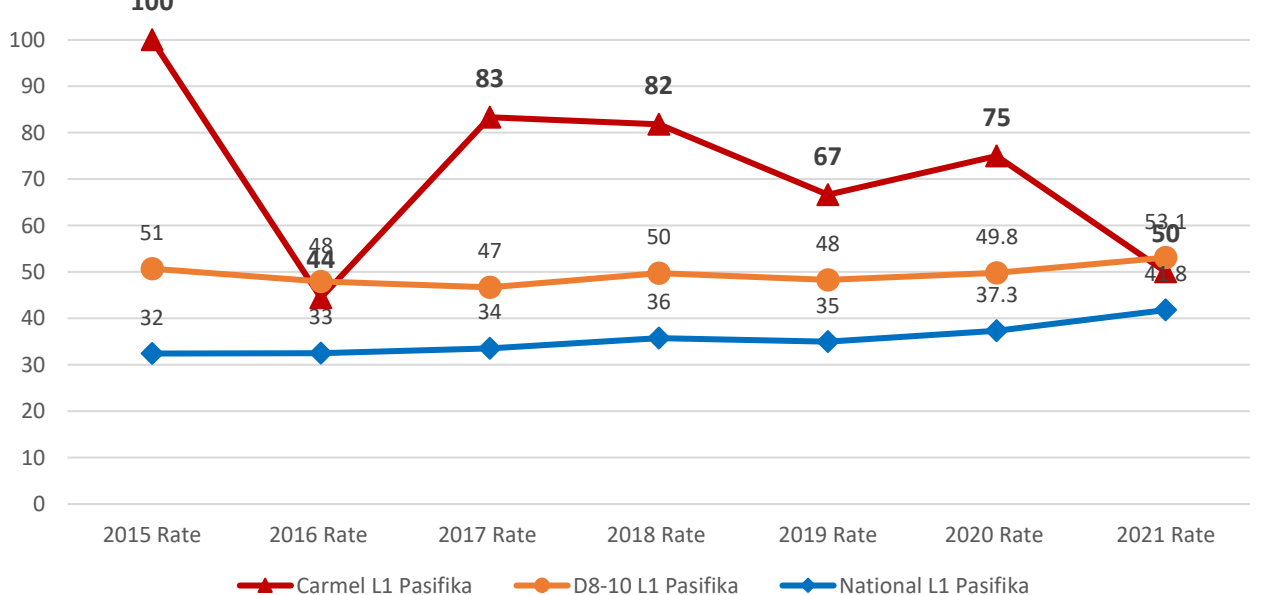
L1 Ethnicity Endorsements Rates for Maori - 2015-2021



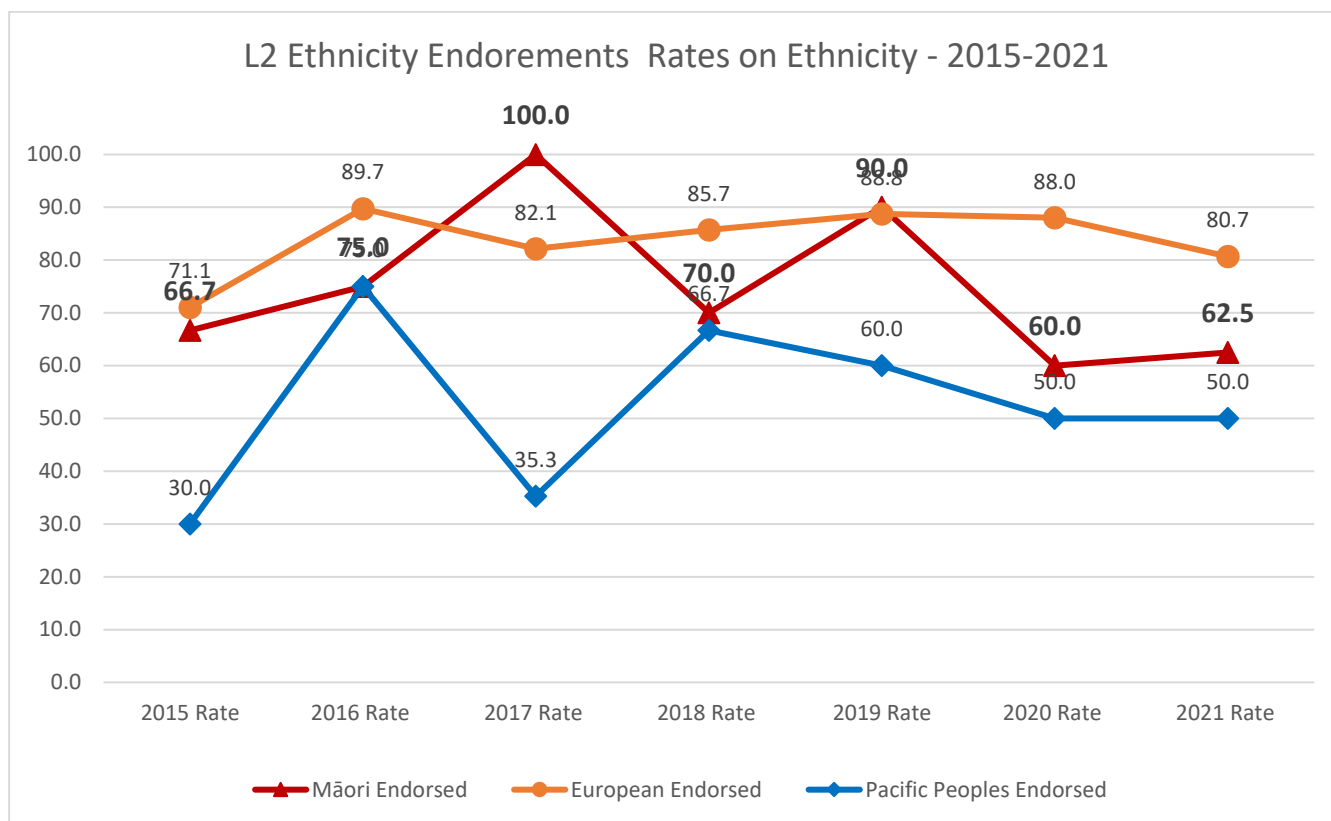
L1 Ethnicity Endorsements Rates for European - 2015-2021



L1 Ethnicity Endorsement Rates for Pasifika - 2015-2021



Level 2 Endorsements by ethnicity:



Qualification	Ethnicity	2015 Qty	2016 Qty	2017 Qty	2018 Qty	2019 Qty	2020 Qty	2021 Qty
Year 12	All Māori	15	8	6	10	10	5	8
Year 12	All European	76	78	84	77	80	83	78
Year 12	All Pacific Peoples	10	8	17	6	10	4	14

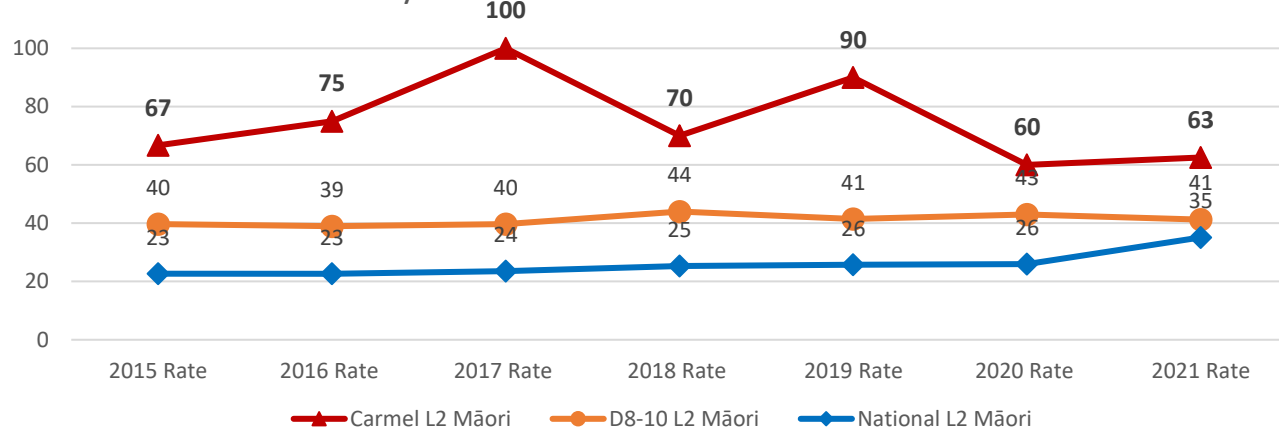
The actual number of Māori (L2 = 8) and Pasifika (L2 = 14) students in this cohort at Carmel makes statistical analysis by percentage very difficult.

5 out of 8 (62.5%) of our Māori students gained endorsement at L2 and 7 out of 14 (50%) of our Pasifika students gained endorsement.

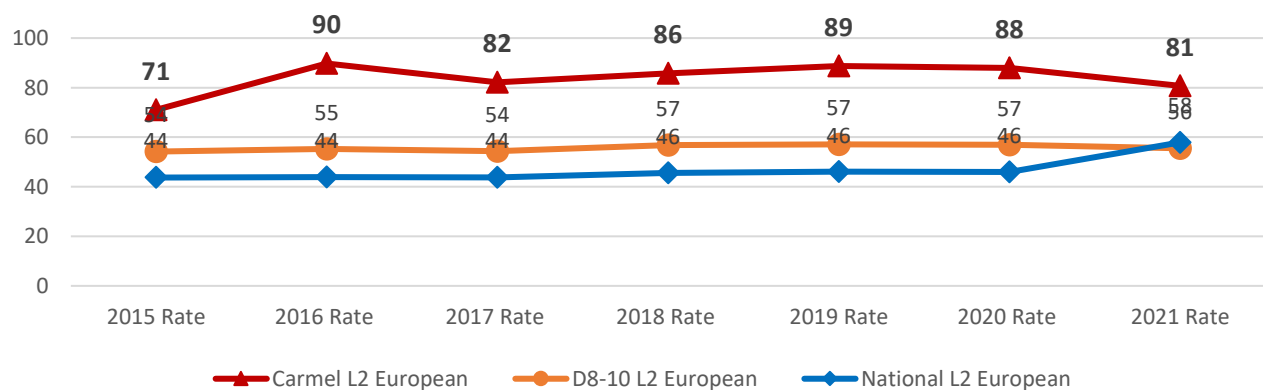
When compared to similar D8-10 schools (41%), our Māori endorsement rate exceeds this by 22%.

With our Pasifika endorsement rates, we are 14% above that of similar D8-10 schools (36%).

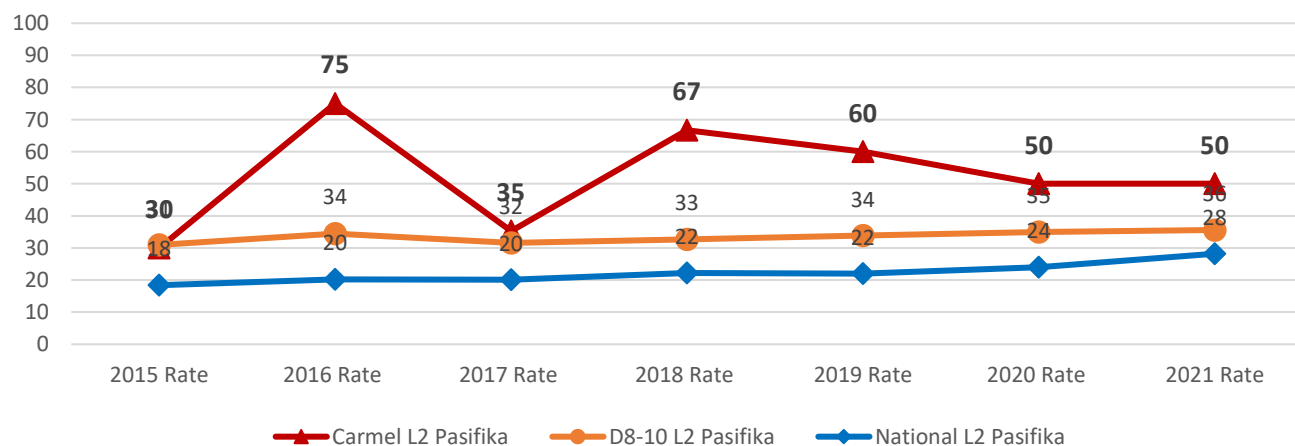
L2 Ethnicity Endorsements Rates for Maori - 2015-2021



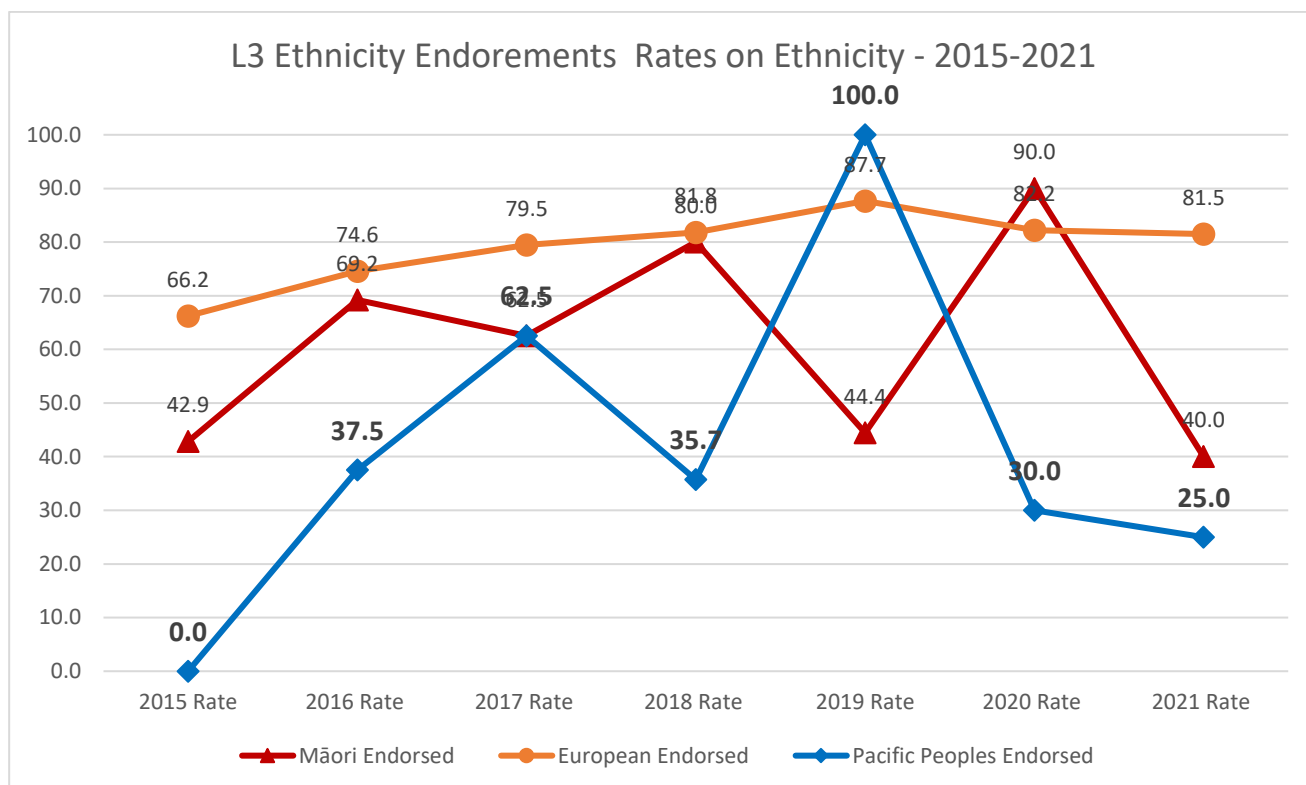
L2 Ethnicity Endorsements Rates for European - 2015-2021



L2 Ethnicity Endorsements Rates for Pasifika - 2015-2021



Level 3 Endorsements by ethnicity:



Qualification	Ethnicity	2015 Qty	2016 Qty	2017 Qty	2018 Qty	2019 Qty	2020 Qty	2021 Qty
Year 13	All Māori	7	13	8	5	9	10	5
Year 13	All European	77	63	73	77	73	73	81
Year 13	All Pacific Peoples	2	8	8	14	3	10	4

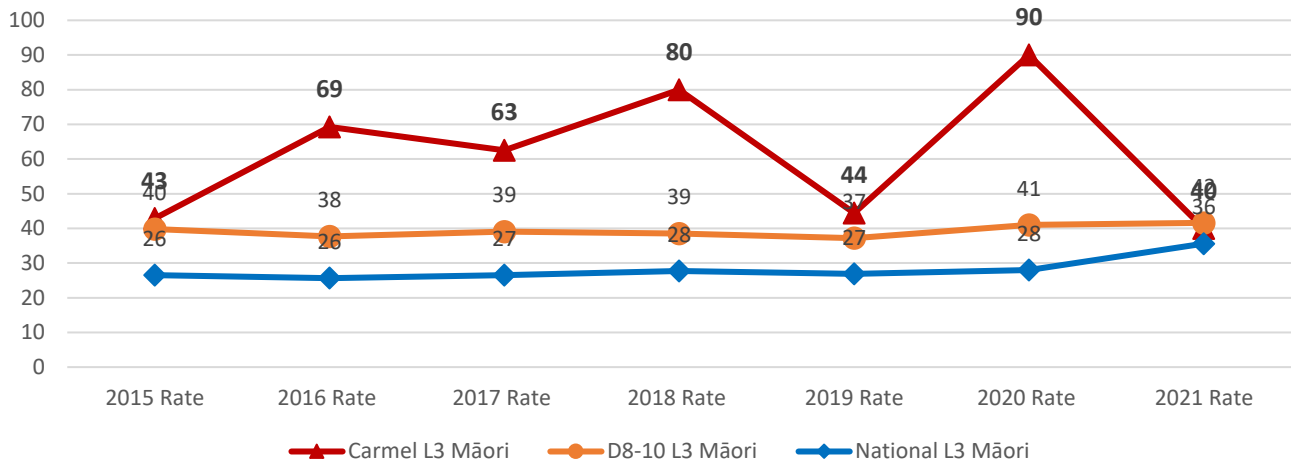
The actual number of Māori (L3 = 5) and Pasifika (L3 = 4) students in this cohort at Carmel makes statistical analysis by percentage very difficult.

40% (2 out of 5) of our Māori students gained endorsement at L3. D8-10 endorsement rate was 41% which shows a slight difference. Nationally (36%), the difference is 4%.

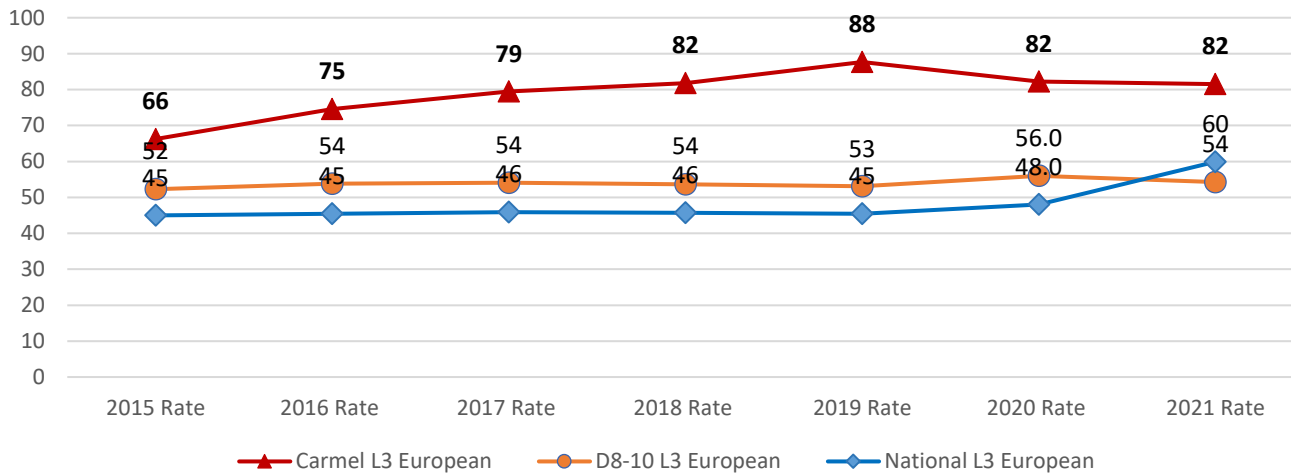
25% (1 out of 4) of our Pasifika students gained endorsement. D8-10 endorsement rate was 6% above. Nationally, the difference is 1%.

Next steps: continue to review the learning programmes for our Māori and Pasifika students to ensure they have learning programmes that enable them to gain endorsement.

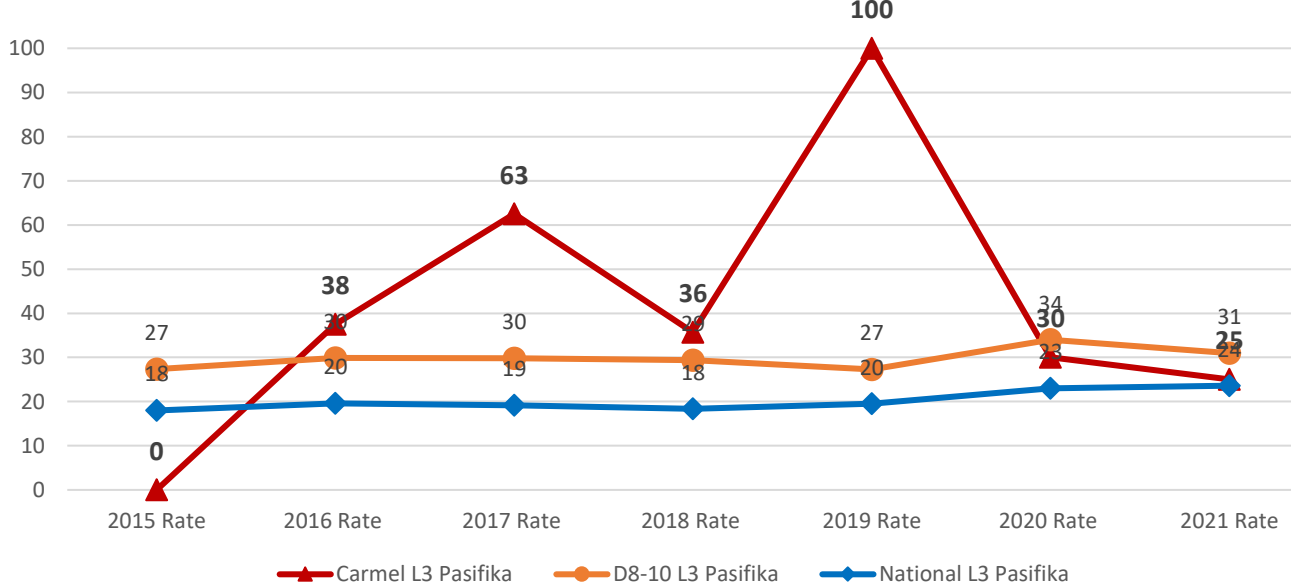
L3 Ethnicity Endorsements Rates for Maori - 2015-2021



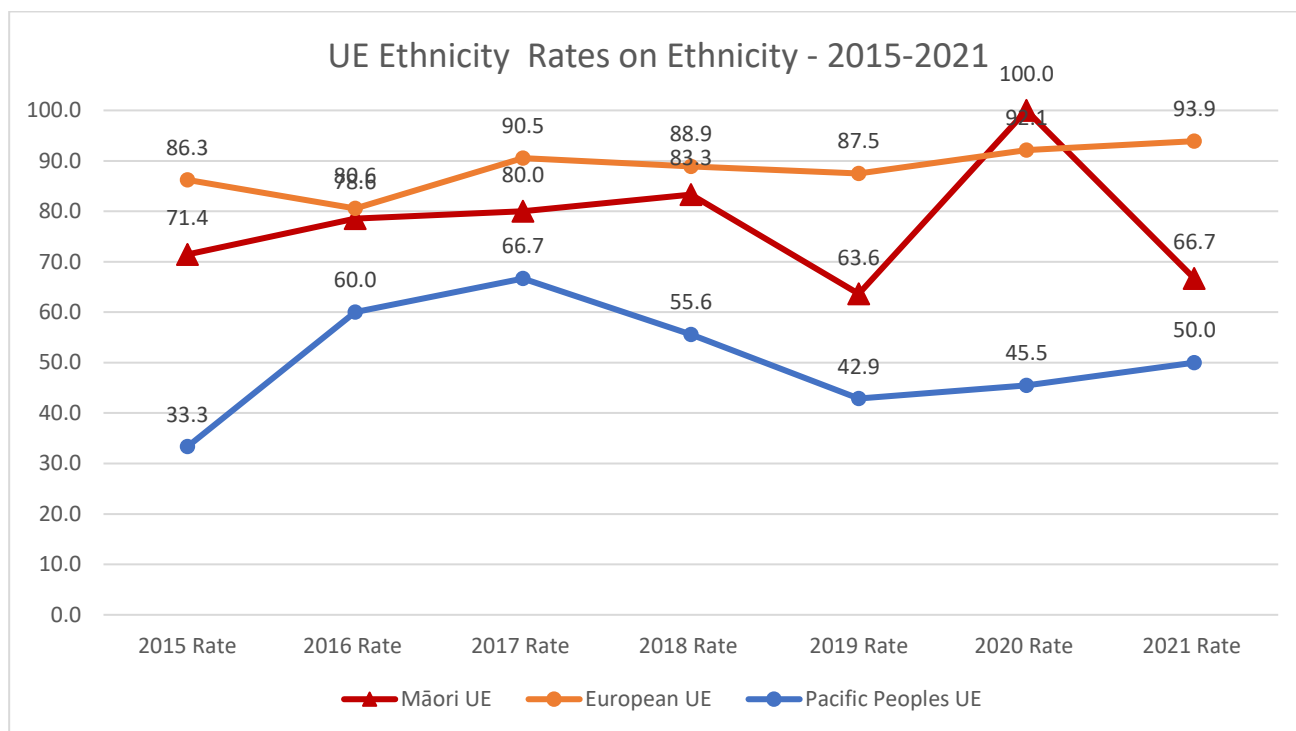
L3 Ethnicity Endorsements Rates for European - 2015-2021



L3 Ethnicity Endorsements Rates for Pasifika - 2015-2021



UE Endorsements by ethnicity:



Qualification	Ethnicity	2015 Qty	2016 Qty	2017 Qty	2018 Qty	2019 Qty	2020 Qty	2021 Qty
Year 13	Māori	5	11	8	5	7	10	5
Year 13	European	69	58	67	72	70	70	81
Year 13	Pacific Peoples	1	6	6	10	3	10	4

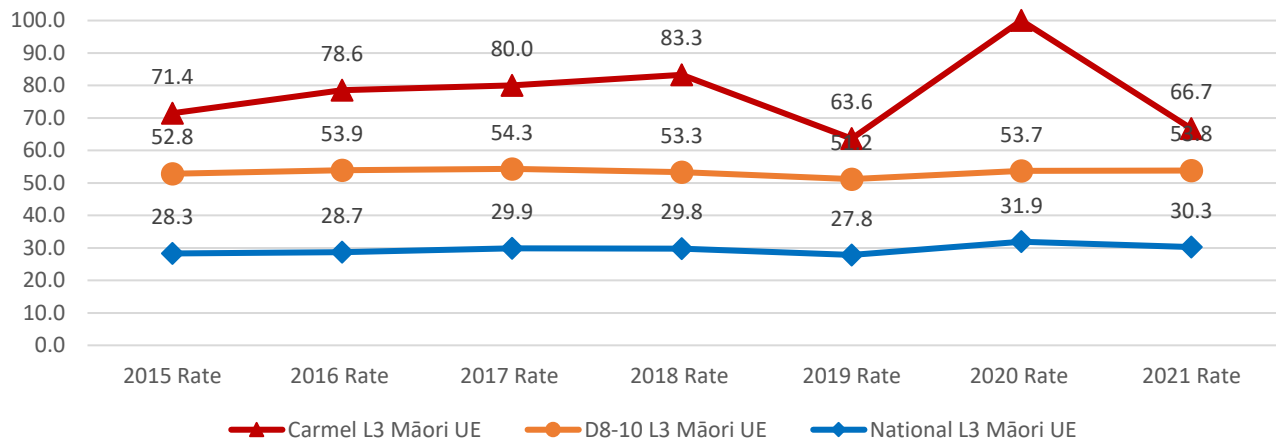
The actual number of Māori (L3 = 5) and Pasifika (L3 = 4) students in this cohort at Carmel makes statistical analysis by percentage very difficult.

3 out of 5 (66.7%) of our Māori students and 2 out of 4 (50%) of our Pasifika UE gained UE.

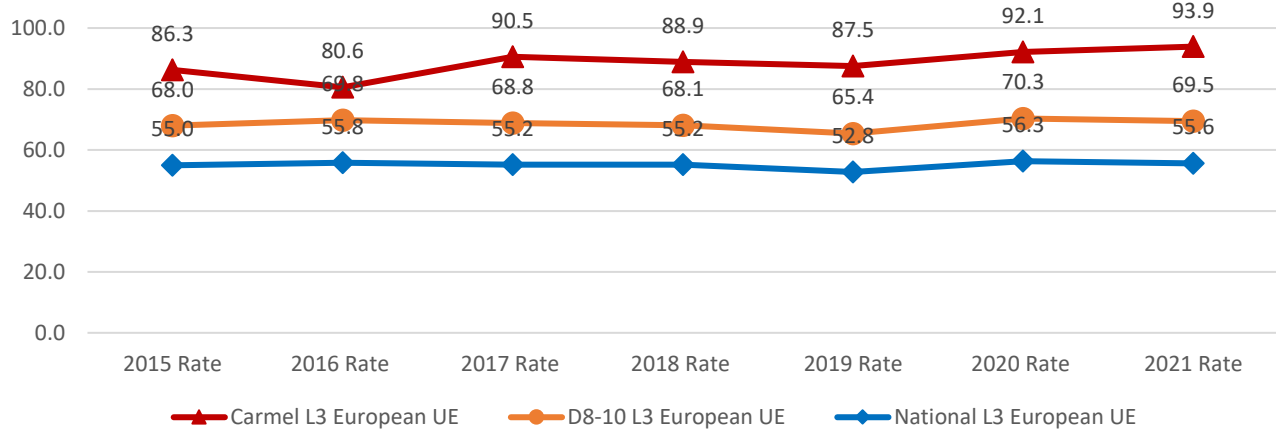
For our Māori students (66.7%), comparing UE rates with similar D8-10 schools (53.8%), we exceed these by 12.9%. Nationally (30.3%), we exceed this by 36.4%.

For our Pasifika students (50%), comparing UE rates with similar D8-10 schools (46.1%), we exceed these by 3.9%. Nationally (31.3%), we exceed this by 18.7%.

UE comparison for Maori 2015-2021



UE comparison for European 2015-2021



UE comparison for Pasifika 2015-2021

