

NUTURING SCHOLAR-SPORTSMEN SINCE 1883

# HSC Results 2021 <br> Presentation to SBHS P\&C Community 

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M onday 14 ${ }^{\text {th }}$ M arch 2022

## The League Tables

§ The HSC newspaper rankings follow a formula:
(Band 6 / E4s earned / number of papers sat by students) $\times 100$
BTo get in the Top 10 in the state, a school would need c. $50 \%$ of Band 6 s .
ßNo acknowledgement of cohort size nor difficulty of courses attempted ßSBHS target is 600. This year, we only achieved 580.
© We have very large numbers in the harder courses:

- M athematics Extension 1 (174) / Extension 2 (120)
- English Advanced (213)
- Physics (116), Chemistry (125)
- Hence, it is harder to get 50\% Band 6s
ß We are working hard on our weaknesses as identified by our RAP analyses.


## SBHS ATAR History

ß2021 Average ATAR $=92.59$

- with Standard Deviation (SD) of 7.54
- \% boys $\geq 90$ (78.74) Since 2001 this average is $76.37 \%$
ßSince 2001, SBHS Average ATAR has been 92.66 with SD of 8.71
ßOur segmented ATAR History - Mean \& Standard Deviation \& \% $\geq 90$

| Years | ATAR Mean | Standard Deviation | $\geq 90 \%$ |
| :---: | :---: | :---: | :---: |
| $2001-2005$ | 91.29 | 9.77 | 72.28 |
| $2006-2010$ | 92.89 | 8.00 | 75.64 |
| $2011-2015$ | 93.68 | 7.33 | 80.16 |
| $2016-2020$ | 92.79 | 9.70 | 77.41 |
| 2021 | 92.59 | 7.54 | 78.74 |

## HSC Results for Class of 2021

ßATAR Predictor Results

- Year 7 enrolments
- Later Years Enrolments
- Overall Result
93.10
90.57
92.59
ßIndividual Results
- 2 students achieved ATAR 99.95 (max)
- 4 students were first in course
- 163 students (78.74\%) achieved ATAR $\gg=90$
- Tail 16 students (7.51\%) achieved ATAR <80
- [lowest tail percentage since 2015; 2020 was 9.39]

BOf the lowest 20 ATARS, 13 students were enrolled in Year 7 in 2016

## SBHS High Achievers in Courses - Top 10 State Ranking

ßHanyang Zheng - Mathematics Extension 1; Physics 2
ßRyan Lee - Chemistry 1; Engineering Studies 10 ßSarfaraz Ahmed (Year 11) - M athematics Advanced 1
BNicholas Arvanitellis - Latin Extension 2
BYifei Wu - Chinese in Context - 2
BCyril Vivek Subramanian - Software Design and Development 6
$ß$ Rachit Saini (11E) Hindi Continuers - 1
BOther State Ranking Achievements:

- Chemistry - Eric Ho (7), Auguste McNally (10), Richard Bao (13)
- Mathematics Advanced - Andy Xia (14) from Year 11
- Engineering Studies - Ryan Lee (10)
- Biology - Julian Waring (17)


## Bands 5 \& 6 comparative Results (2021 v 2020)

Courses Up 12
Courses Down 10
Courses the Same 8

HSC 2021 v Long Term Average (2015-2021 5\&6)
Courses Up
10
Courses Down 14
Courses the Same
6

## Explanation of Statistics Terms Used

ßStandard Deviation ( $\sigma$ ) shows how much variation of scores or dispersion from the average (mean) exists in a population. Each band has a width of one standard deviation.
BMean ( $\mu$ ) is the sum of all the numbers in the set (candidates' scores in an HSC course), divided by the numbers in the set (number of candidates).

SBHS's expected mean


## Explanation of Statistics Terms Used (Cont'd)

BSchool standard - As 84\% of scores fall below one standard deviation above the mean, we expect our school's mean in two-unit courses only, to be at the level of at least one standard deviation above the mean.
ßDue to the scaling effects, as demonstrated later in the presentation, a target HSC mark for a two-unit course is 87, because any lower and the scaled score per unit x by 10 units would not amount to 371 or 90 ATAR.

## Explanation of Statistics Terms Used (Cont'd)

BZ score for an HSC course is the school mean minus the state mean divided by the state standard deviation.

- Assume a normal curve distribution.
- Let's say the state HSC mean for a course is 74 and its standard deviation is 12 .
- Suppose at SBHS, the course mean is 86 .
- The calculated $z$-score is ( $86-74$ )/12 $=1$.

BThere are $15.8 \%$ of candidates left after the first standard deviation above the mean.

- As it happens, $\sim 17.9 \%$ of students who apply are awarded an ATAR of 90 or more.
- So, 90 ATAR is the minimum standard expected at High

BNOTE: The distribution of marks for ATAR purposes is curvilinear.

## Z-Score Comparison of 2-Unit Courses Highly Successful (Z-Score $\geq$ 1.0)

| Course | No. Students in SBHS | School Mean | Z Score |
| :--- | :---: | :---: | :---: |
| Software Design | 11 | 92.15 | 1.44 |
| Design and Technology | 5 | 92.32 | 1.25 |
| Geography | 31 | 88.53 | 1.10 |
| PD/H/PE | 8 | 85.30 | 1.08 |
| Modern History | 20 | 88.52 | 1.06 |
| Business Studies | 22 | 87.84 | 1.05 |
| Music 1 | 1 | 91.04 | 1.04 |

ß Our expectations are that in 2-unit courses, our course mean should be as close to one standard deviation above the State mean as possible. $N=7$ for 2021 ( $n=9,2020$ )

## Z-Score Comparison of 2-unit Courses (Cont’d) Successful (Z-Score $=0.75-0.99$ )

| Course | No. Students in SBHS | School Mean | Z-Score |
| :--- | :---: | :---: | :---: |
| Legal Studies | 16 | 88.43 | 0.99 |
| Ancient History | 10 | 86.94 | 0.98 |
| Chemistry | 111 | 86.68 | 0.96 |
| Music 2 | 6 | 93.97 | 0.93 |
| Physics | 115 | 86.71 | 0.92 |
| Engineering Studies | 8 | 85.38 | 0.92 |
| Mathematics Advanced | 158 | 89.46 | 0.86 |
| Drama | 8 | 87.48 | 0.85 |
| Biology | 42 | 82.99 | 0.83 |

Successful courses $2021 \mathrm{n}=9 \quad(\mathrm{n}=7,2020)$

## Comparison of Means of Extension Courses Highly Successful (Z-Score $\geq 0.5$ )

| Course | No. Students in SBHS | School Mean | Z Score |
| :--- | :---: | :---: | :---: |
| Music Extension | 2 | 49.15 | 0.87 |
| History Extension | 5 | 43.9 | 0.75 |
| Mathematics Extension 1 | 174 | 89.96 | 0.52 |

$ß$ Given the high scores and means of Extension courses in the State, if our mean is half a standard deviation above the state mean, that is a highly successful result.

## Highly Successful for Ext 2 courses (Z-Score >0.25)

| Course | No. Students in SBHS | School Mean | Z Score |
| :--- | :---: | :---: | :---: |
| Mathematics Extension 2 | 120 | 88.72 | $\mathbf{0 . 4 3}$ |

## How did Y2021 Compare to Past HSC Results at High?

SThe following tables describe the course name and below them a statement comparing Y2021 result to that of previous years in that course at High going back as far as 2001 when the new HSC began
ßThe Z-Score for the course is followed by two scores at the 90th percentile BThen similar pairs of scores for the 75th percentile and 50th percentile ßThe first score in the pair is the HSC mark at that percentile, followed by the ATAR scaled mark at that percentile
BThe standard at High for a 2-unit mark, scaled for ATAR is 74.2
ßScores highlighted in red fall below 74.2 equivalent at that percentile
BThe last column contains the number of band $6 / E 4 s$ as a fraction of the total number of candidates in that class or group.

## How did Y2021 Compare to Past HSC Results at High?

| Course | Z-Score | $\begin{gathered} \text { HSC } \\ 90^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 90th Percentile | $\begin{gathered} \text { HSC } \\ \text { 75 th } \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 75 ${ }^{\text {th }}$ Percentile | $\begin{gathered} \text { HSC } \\ 50^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 50th Percentile | B 6/N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Ancient History | 0.85 | 89 | 76.2 | 83 | 63.8 | 71.6 | 46.4 | 4/10 |
| ß Highest school course mean since 2018 |  |  | Above long-term average Z-Score |  |  |  |  |  |
| Course | Z-Score | $\begin{gathered} \text { HSC } \\ \text { 90th } \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 90th Percentile | $\begin{gathered} \text { HSC } \\ 75^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 75 ${ }^{\text {th }}$ Percentile | $\begin{aligned} & \text { HSC } \\ & 50^{\text {th }} \end{aligned}$ <br> Percentile | ATAR Scaled 50th Percentile | B 6/N |
| Biology | 0.83 | 88 | 78.6 | 82 | 67.6 | 73.8 | 51.8 | 9/42 |

B Highest ever candidate numbers in the State
Improved mean and z -score over 2020 results

| Course | Z-Score | $\begin{gathered} \text { HSC } \\ \text { 90th } \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 90th <br> Percentile | $\begin{aligned} & \text { HSC } \\ & 75^{\text {th }} \end{aligned}$ <br> Percentile | ATAR Scaled 75 ${ }^{\text {th }}$ Percentile | HSC $50^{\text {th }}$ Percentile | ATAR Scaled 50th Percentile | B 6/N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Business Studies | 1.05 | 89 | 76.8 | 83 | 64.6 | 73.8 | 47.8 | 11/22 |
| ß SBHS result was above long-term school mean |  |  |  |  |  |  |  |  |

## How did Y2021 Compare to Past HSC Results at High?

| Course | Z-Score | HSC 90th Percentile | ATAR Scaled 90th Percentile | HSC 75 Percentile | ATAR Scaled 75 ${ }^{\text {h }}$ Percentile | HSC 50 ${ }^{\text {th }}$ Percentile | ATAR Scaled $50^{\text {th }}$ Percentile | B 6/N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Chemistry | 0.96 | 91 | 87.2 | 85 | 79.4 | 74.8 | 63.0 | 53/111 |

ß SBHS course result above long term mean
Above long-term average Z-Score

| Course | Z-Score | HSC <br> $90^{\text {th }}$ <br> Percentile | ATAR Scaled <br> $90^{\text {th }}$ <br> Percentile | HSC <br> $75^{\text {th }}$ <br> Percentile | ATAR Scaled <br> $75^{\text {th }}$ <br> Percentile | HSC <br> $50^{\text {th }}$ <br> Percentile | ATAR Scaled <br> $50^{\text {th }}$ <br> Percentile | B6/N |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Design and Technology | 1.43 | 92 | 75 | 87 | 61.6 | 79.6 | 45.2 | $5 / 5$ |
| B Highest ever state mean | SBHS course result well above long-term mean | $100 \%$ band 6 S |  |  |  |  |  |  |


| Course | Z-Score | $\begin{gathered} \text { HSC } \\ 90^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 90th Percentile | $\begin{gathered} \text { HSC } \\ \text { 75 th } \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 75 ${ }^{\text {th }}$ Percentile | HSC 50 ${ }^{\text {th }}$ Percentile | ATAR Scaled $50^{\text {th }}$ Percentile | B $6 / \mathrm{N}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Drama | 0.02 | 93 | 78 | 87 | 63.8 | 79 | 47.7 | 5/8 |
| ß Highest z-score since 2016 |  |  | Result above long-term course mean |  |  |  |  |  |

## How did Y2021 Compare to Past HSC Results at High?

| Course | Z-Score | HSC <br> 90th <br> Percentile | ATAR Scaled 90 ${ }^{\text {th }}$ Percentile | $\begin{gathered} \text { HSC } \\ \text { 75th } \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 75 ${ }^{\text {th }}$ Percentile | HSC <br> 50th <br> Percentile | ATAR Scaled 50th Percentile | B 6/N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Economics | 0.49 | 91 | 86 | 86 | 78.4 | 78 | 63.8 | 15/59 |

ß Highest state mean since new HSC began

| Course | Z-Score | $\begin{gathered} \text { HSC } \\ 90^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 90 ${ }^{\text {th }}$ <br> Percentile | $\begin{gathered} \text { HSC } \\ \text { 75th } \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 75 ${ }^{\text {th }}$ Percentile | HSC 50th Percentile | ATAR Scaled 50 ${ }^{\text {th }}$ Percentile | B $6 / \mathrm{N}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Engineering Studies | 0.92 | 90 | 77.4 | 83 | 66.4 | 75.4 | 52.2 | 4/8 |

ß Highest state candidature since new HSC began Highest scaled value at the 50th percentile since 2001

| Course | Z-Score | HSC <br> 90th <br> Percentile | ATAR Scaled 90th Percentile | $\begin{gathered} \text { HSC } \\ 75^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 75 ${ }^{\text {th }}$ Percentile | $\begin{gathered} \text { HSC } \\ 50^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled $50^{\text {th }}$ Percentile | B 6/N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| English Advanced | 0.46 | 91 | 84 | 87 | 76.6 | 82 | 66.4 | 45/213 |
| ß Highest state mean since new HSC began |  |  | SBHS course mean above long-term average |  |  |  |  | $\frac{\square}{\text { an }}$ |

## How did Y2021 Compare to Past HSC Results at High?

| Course | Z-Score | $\begin{gathered} \text { HSC } \\ 90^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled $90^{\text {th }}$ Percentile | $\begin{gathered} \text { HSC } \\ \text { 75 th } \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 75 ${ }^{\text {th }}$ Percentile | HSC 50 ${ }^{\text {th }}$ <br> Percentile | ATAR Scaled 50th Percentile | B 6/N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| English Extension 1 | -0.16 | 94 | 88.2 | 92 | 83 | 85.2 | 73.2 | 11/40 |

ß Highest state mean since new HSC began

| Course | Z-Score | $\begin{gathered} \text { HSC } \\ 90^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 90th Percentile | $\begin{gathered} \text { HSC } \\ 75^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 75 ${ }^{\text {th }}$ Percentile | $\begin{gathered} \text { HSC } \\ 50^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 50th Percentile | B $6 / \mathrm{N}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| English Extension 2 | -0.48 | 94 | 89.2 | 90 | 82.8 | 82 | 74.4 | 0/7 |

B Lowest state candidature since the new HSC began

| Course | Z-Score | HSC 90th Percentile | ATAR Scaled 90th Percentile | $\begin{gathered} \text { HSC } \\ \text { 75th } \\ \text { Percentile } \end{gathered}$ | ATAR Scaled $75^{\text {th }}$ Percentile | $\begin{aligned} & \text { HSC 50 } \\ & \text { Percentile } \end{aligned}$ | ATAR Scaled 50th Percentile | B 6/N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Geography | 1.10 | 90 | 80 | 85 | 68.6 | 77 | 52.2 | 12/31 |

$ß$ Highest SBHS candidature since new HSC began Equal highest course z-score since 2012

## How did Y2021 Compare to Past HSC Results at High?

| Course | Z-Score | HSC <br> 90th <br> Percentile | ATAR Scaled 90th Percentile | HSC <br> 75 th Percentile | ATAR Scaled 75 ${ }^{\text {th }}$ Percentile | $\begin{gathered} \text { HSC } \\ 50^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 50th Percentile | B 6/N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Legal Studies | 0.99 | 91 | 79.6 | 86 | 67.8 | 75.2 | 50 | 10/16 |

ß Second highest school mean since 2014 Above long-term course mean Z-Score

| Course | Z-Score | $\begin{gathered} \text { HSC } \\ 90^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 90th Percentile | $\begin{gathered} \text { HSC } \\ \text { 75th } \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 75th Percentile | HSC 50th Percentile | ATAR Scaled 50th Percentile | B 6/N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M athematics Advanced | 0.86 | 94 | 86.1 | 89 | 77.6 | 78.8 | 62.8 | 109/158 |

B Above long-term course mean Above long-term course mean z-score

| Course | Z-Score | HSC 90th Percentile | ATAR Scaled $90^{\text {th }}$ Percentile | $\begin{gathered} \text { HSC } \\ \text { 75th } \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 75 ${ }^{\text {th }}$ Percentile | HSC 50th <br> Percentile | ATAR Scaled 50th Percentile | B 6/N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M athematics Extension 1 | 0.65 | 96 | 95 | 92 | 91 | 78.8 | 79.8 | 105/174 |
| B Lowest state candidature since 2008 |  |  | SBHS largest candidature since 2008 |  |  |  |  |  |

## How did Y2021 Compare to Past HSC Results at High?

| Course | Z-Score | $\begin{gathered} \text { HSC } \\ 90^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 90 ${ }^{\text {th }}$ Percentile | $\begin{gathered} \text { HSC } \\ \text { 75th } \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 75 ${ }^{\text {th }}$ Percentile | $\begin{gathered} \text { HSC } \\ 50^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 50th Percentile | B 6/N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M athematics Extension 2 | 0.43 | 95 | 97 | 93 | 94.6 | 83.6 | 88 | 74/120 |

ß Equal second highest state mean since 2011

| Course | Z-Score | $\begin{gathered} \text { HSC } \\ \text { 90th } \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 90th <br> Percentile | $\begin{gathered} \text { HSC } \\ \text { 75th } \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 75 ${ }^{\text {th }}$ Percentile | HSC 50 ${ }^{\text {th }}$ Percentile | ATAR Scaled $50^{\text {th }}$ <br> Percentile | B 6/N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| M odern History | 1.06 | 90 | 79.2 | 84 | 67.8 | 73.2 | 50.6 | 11/20 |

\& Above long-term course mean and average z-score

| Course | Z-Score | $\begin{gathered} \text { HSC } \\ 90^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 90th Percentile | $\begin{gathered} \text { HSC } \\ 75^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 75 ${ }^{\text {th }}$ Percentile | HSC 50 ${ }^{\text {th }}$ Percentile | ATAR Scaled $50^{\text {th }}$ Percentile | B 6/N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| History Extension | 0.75 | 94 | 85.6 | 88 | 77.4 | 78.2 | 66.8 | 4/5 |

ß Highest SBHS course mean and z-score since 2009

## How did Y2021 Compare to Past HSC Results at High?

| Course | Z-Score | $\begin{gathered} \text { HSC } \\ 90^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 90 ${ }^{\text {th }}$ Percentile | $\begin{gathered} \text { HSC } \\ \text { 75th } \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 75 ${ }^{\text {th }}$ Percentile | $\begin{gathered} \text { HSC } \\ 50^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 50th Percentile | B $6 / \mathrm{N}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Music 1 | 1.04 | 93 | 73 | 88 | 57.8 | 81.8 | 42.2 | 1/1 |

ß Above long-term school course mean

| Course | Z-Score | $\begin{gathered} \text { HSC } \\ \text { 90th } \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 90th Percentile | $\begin{gathered} \text { HSC } \\ \text { 75th } \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 75th Percentile | HSC 50th <br> Percentile | ATAR Scaled 50th Percentile | B $6 / \mathrm{N}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Music 2 | 0.93 | 96 | 89.8 | 93 | 80.8 | 87.8 | 67 | 6/6 |

B Above long-term school course mean and average $z$-score $100 \%$ Band 6 s


## How did Y2021 Compare to Past HSC Results at High?

| Course | Z-Score | $\begin{gathered} \text { HSC } \\ 90^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 90 ${ }^{\text {th }}$ Percentile | $\begin{gathered} \text { HSC } \\ \text { 75th } \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 75 ${ }^{\text {th }}$ <br> Percentile | HSC <br> $50^{\text {th }}$ <br> Percentile | ATAR Scaled 50th Percentile | B $6 / \mathrm{N}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PDHPE | 1.08 | 88 | 75.8 | 82 | 62.6 | 72.6 | 46.2 | 3/8 |

ß Largest state HSC candidature since new HSC began Second highest school Z-Score since 2016

| Course | Z-Score | HSC <br> 90th Percentile | ATAR Scaled 90th Percentile | $\begin{gathered} \text { HSC } \\ 75^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 75 ${ }^{\text {th }}$ Percentile | $\text { HSC } 50^{\text {th }}$ <br> Percentile | ATAR Scaled 50 ${ }^{\text {th }}$ Percentile | B 6/N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Physics | 0.92 | 90 | 85.6 | 85 | 77.6 | 75.8 | 61.2 | 42/115 |

B Smallest state candidature since new HSC began Above long-term school course mean and Z-Score average

| Course | Z-Score | $\begin{gathered} \text { HSC } \\ 90^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 90th Percentile | $\begin{gathered} \text { HSC } \\ \text { 75 h } \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 75 ${ }^{\text {th }}$ <br> Percentile | HSC 50th <br> Percentile | ATAR Scaled 50th Percentile | B $6 / \mathrm{N}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Software Design | 1.44 | 91 | 81.2 | 84 | 68 | 74.6 | 51.2 | 9/11 |

B Highest school course mean since new HSC began Highest school Z-Score since 2015

## How did Y2021 Compare to Past HSC Results at High?

| Course | Z-Score | HSC $90^{\text {th }}$ Percentile | ATAR Scaled 90th <br> Percentile | HSC 75 Percentile | ATAR Scaled 75 ${ }^{\text {th }}$ <br> Percentile | HSC $50^{\text {th }}$ Percentile | $\begin{aligned} & \text { ATAR Scaled } \\ & 50^{\text {th }} \\ & \text { Percentile } \end{aligned}$ | B 6/N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Studies of Religion I-unit | 0.73 | 90 | 79 | 84 | 69.2 | 75.6 | 55.2 | 2/11 |
| ß Second highest school Z-Score since 2015 |  |  | Above long-term school course mean |  |  |  |  |  |
| Course | Z-Score | $\begin{gathered} \text { HSC } \\ 90^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 90th Percentile | $\begin{gathered} \mathrm{HSC} \\ 75^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 75 ${ }^{\text {th }}$ <br> Percentile | HSC 50th Percentile | ATAR Scaled 50 h Percentile | B 6/N |
| Studies of Religion 2-unit | 0.63 | 90 | 80.4 | 86 | 70.6 | 76.4 | 55 | 3/12 |

B Above long-term school course mean and average course $z$-score

| Course | Z-Score | HSC <br> $90^{\text {th }}$ <br> Percentile | ATAR Scaled <br> $90^{\text {th }}$ <br> Percentile | HSC <br> 75 <br> Percentile | ATAR Scaled <br> 75 <br> Percentile | HSC 50 <br> Percentile | ATAR Scaled <br> 50th <br> Percentile | B6/N |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Visual Arts | 0.65 | 91 | 75.6 | 88 | 61 | 81.4 | 44.2 | $3 / 8$ |

ß Equal highest State mean since new HSC began
Above long-term school course mean

## How did Y2021 Compare to Past HSC Results at High?

| Course | Z-Score | $\begin{gathered} \text { HSC } \\ 90^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 90th Percentile | $\begin{gathered} \text { HSC } \\ \text { 75 } \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 75 ${ }^{\text {th }}$ Percentile | $\begin{aligned} & \text { HSC } \\ & 50^{\text {th }} \end{aligned}$ <br> Percentile | ATAR Scaled 50 ${ }^{\text {th }}$ Percentile | B $6 / \mathrm{N}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Chinese in Context | 0.57 | 97 | 87 | 95 | 76.6 | 89 | 61.4 | 7/7 |
| ß Above long-term course mean and average Z-Score |  |  |  | 100\% Band 6s |  |  |  |  |
| Course | Z-Score | $\begin{gathered} \text { HSC } \\ \text { 90th } \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 90th Percentile | $\begin{gathered} \text { HSC } \\ 75^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled $75^{\text {th }}$ Percentile | HSC 50th Percentile | ATAR Scaled $50^{\text {th }}$ Percentile | B $6 / \mathrm{N}$ |
| Latin Continuers | -0.20 | 95 | 95.4 | 93 | 92 | 85.8 | 81.6 | 5/8 |


| Course | Z-Score | $\begin{gathered} \text { HSC } \\ 90^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled 90 ${ }^{\text {th }}$ Percentile | $\begin{gathered} \text { HSC } \\ 75^{\text {th }} \\ \text { Percentile } \end{gathered}$ | ATAR Scaled $75^{\text {th }}$ Percentile | HSC 50 ${ }^{\text {th }}$ Percentile | $\begin{aligned} & \text { ATAR Scaled } \\ & 50^{\text {th }} \\ & \text { Percentile } \end{aligned}$ | B 6/N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Latin Extension | -1.39 | 98 | 97 | 98 | 92.4 | 96 | 87.8 | 4/5 |

B Above long-term course mean and average $z$-score

## Comparing to Statistically Similar Groups

BHow well did we perform compared to our statistically similar group?

- That is, a comparison group of selective school students, moderated for socioeconomic differences)
ßHow well did we perform against the state mean for the course?
ßThe following tables comprise:
- Name of the course
- HSC mean for High in the course - state school students only
- M ean for the statistically similar school group
- Mean in the course for the state - all students
- Difference between High means and the SSG means
ßNOTE:
- Scores in black ( $\mathrm{n}=22$ ) were above the SSSG mean
- Scores highlighted in red $(\mathrm{n}=10)$ were below the SSSG mean

| Course | SBHS <br> 2021 | SSSG Average <br> 2021 | State M ean <br> 2021 | SBHS V SSG <br> Difference |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Ancient History | 87.2 | 83.8 | 7106 | +178 |
| Biology | 83.52 | 85.01 | 73.38 | -149 |
| Business Studies | 88.14 | 85.92 | 73.32 | +2.2 |
| Chemistry | 87.01 | 84.52 | 74.37 | +2.49 |
| Economics | 83.59 | 84.75 | 77.66 | -116 |
| Engineering Studies | 86.5 | 86 | 74.79 | +133 |
| English (Advanced) | 85.68 | 86.4 | 8192 | -0.72 |
| English Extension 1 | 85.0 | 87.7 | 84.14 | -2.7 |
| English Extension 2 | 75.14 | 84.47 | 74.98 | -9.33 |
| Drama | 88.63 | 88.4 | 78.70 | +0.23 |


| Course | SBHS <br> 2021 | SSSG Average <br> 2021 | State M ean <br> 2021 | SBHS v SSSG <br> Difference |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Geography | 88.9 | 86.31 | 75.75 | +2.59 |
| Legal Studies | 88.5 | 86.7 | 74.72 | +18 |
| M athematics | 89.89 | 85.66 | 78.41 | +4.23 |
| M athematics Extension 1 | 87.87 | 85.85 | 78.21 | +2.02 |
| M athematics Extension 2 | 89.13 | 87.75 | 83.07 | +138 |
| M odern History | 88.75 | 85.79 | 72.85 | +2.96 |
| PDHPE | 85.5 | 83.39 | 72.19 | +2.11 |
| Physics | 87.03 | 84.8 | 75.34 | +2.23 |
| Studies of Religion 1 | 84.91 | 85.15 | 74.76 | -0.24 |
| Studies of Religion II | 84.0 | 8184 | 75.86 | +2.16 |


| Course | SBHS <br> 2021 | SSSG Average <br> 2021 | State Mean <br> 2021 | SBHS v SSSG <br> Difference |
| :--- | :---: | :---: | :---: | :---: |
| Software Design | 92.55 | 85.9 | 74.15 | +6.65 |
| Visual Arts | 87.13 | 89.74 | 80.99 | -2.61 |
| History Extension | 90.4 | 86.05 | 77.38 | +4.35 |
| Chinese in Context | 94.14 | 94.1 | 88.61 | +0.04 |
| Design \& Technology | 92.5 | 84.9 | 78.54 | +7.6 |
| Drama | 80.8 | 87.9 | 79.62 | -7.1 |
| Classical Greek Cont. | 84 | 92 | 93.07 | -8.0 |
| Latin Continuers | 84.25 | 87.49 | 85.35 | -3.24 |
| Latin Extension | 93.6 | 92.24 | 90.72 | +1.36 |
| Music 1 | 91 | 90.23 | 81.34 | +0.77 |
| Music 2 | 94.17 | 90 | 87.57 | +4.89 |
| Music extension | 99 | 91.32 | 88.94 | +7.68 |

## Comparing Ourselves to the State Over Time

ßThe first column describes the course and its number of candidates in the state current - highest - lowest and mean since 2001.
ßIn the second column, there is the history of the state mean in the course - current - highest - lowest and mean since 2001.
BIn the third column, the ATAR unit value is recorded, where 25 is average.
ßIn the fourth column, the school ATAR scaled unit value for the average student in the course - NOTE: the school standard is 37.1
$ß$ In the fifth column is the school z-score: current, high, low, average.
BNOTE:

- Where high or low values occur, they are coloured.
- Where school mean scaled unit values are below 37.1, they are coloured.


## Comparing Ourselves to the State Over Time

| COURSE | NO. | STATE M EAN | ATAR UNIT VALUE SCALED | SCHOOL ATAR MEAN UNIT VALUE SCALED | $\begin{aligned} & \text { ATAR } \\ & \text { Z-SCORE } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Ancient History |  |  |  |  |  |
| 2021 | 6,375 | 35.8 | 23.2 | 33.92 | 0.98 |
| High | 12,144 | 37.5 | 25.1 | 37.60 | 1.27 |
| Low | 6,375 | 34.9 | 23.3 | 30.12 | 0.54 |
| LTA | 9,874 | 36.20 | 24.41 | 34.40 | 0.93 |
| COURSE | NO. | STATE M EAN | ATAR UNIT VALUE SCALED | SCHOOL ATAR MEAN UNIT VALUE SCALED | Z-SCORE |
| Biology |  |  |  |  |  |
| 2021 | 18,708 | 36.9 | 25.9 | 34.33 | 0.83 |
| High | 18,708 | 37.4 | 26.9 | 37.48 | 1.12 |
| Low | 12,215 | 35.8 | 25.9 | 33.13 | 0.41 |
| LTA | 15,836 | 36.61 | 26.58 | 35.05 | 0.86 |

## Comparing Ourselves to the State Over Time

| COURSE | NO. | STATE M EAN | ATAR UNIT VALUE SCALED | SCHOOL ATAR MEAN UNIT VALUE SCALED | Z-SCORE |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Business Studies |  |  |  |  |  |
| 2021 | 17,662 | 36.9 | 23.9 | 35.18 | 1.05 |
| High | 17,877 | 37.4 | 24.3 | 40.83 | 1.62 |
| Low | 14,721 | 34.7 | 23.6 | 32.05 | 0.82 |
| LTA | 16,423 | 36.49 | 23.9 | 36.18 | 1.17 |
| COURSE | NO. | STATE M EAN | ATAR UNIT VALUE SCALED | SCHOOL ATAR MEAN <br> UNIT VALUE SCALED | Z-SCORE |
| Chemistry |  |  |  |  |  |
| 2021 | 9,884 | 37.4 | 31.5 | 40.98 | 0.96 |
| High | 11,173 | 38.3 | 31.8 | 42.43 | 1.13 |
| Low | 8,887 | 34.6 | 31.2 | 38.20 | 0.67 |
| LTA | 10,306 | 37.19 | 31.5 | 40.28 | 0.93 |

## Comparing Ourselves to the State Over Time

| COURSE | NO. | STATE M EAN | ATAR UNIT VALUE SCALED | SCHOOL ATAR MEAN UNIT VALUE SCALED | Z-SCORE |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Design and Technology |  |  |  |  |  |
| 2021 | 3,429 | 39.8 | 22.6 | 35.28 | 1.25 |
| High | 4,457 | 39.8 | 22.6 | 39.60 | 1.84 |
| Low | 3,148 | 34.7 | 21.3 | 18.21 | -0.32 |
| LTA | 3,512 | 38.28 | 22.0 | 31.88 | 0.96 |
| COURSE | NO. | STATE M EAN | ATAR UNIT VALUE SCALED | SCHOOL ATAR MEAN <br> UNIT VALUE SCALED | Z-SCORE |
| Drama |  |  |  |  |  |
| 2021 | 3,938 | 39.5 | 23.8 | 33.3 | 0.85 |
| High | 5,134 | 40 | 24.3 | 37.92 | 1.33 |
| Low | 3,902 | 37.5 | 23.5 | 22.91 | -0.13 |
| LTA | 4,550 | 38.97 | 23.93 | 29.05 | 0.48 |

## Comparing Ourselves to the State Over Time

| COURSE | NO. | STATE M EAN | ATAR UNIT VALUE SCALED | SCHOOL ATAR MEAN UNIT VALUE SCALED | Z-SCORE |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Economics |  |  |  |  |  |
| 2021 | 5,043 | 39.0 | 31.9 | 36.53 | 0.49 |
| High | 6,136 | 39.0 | 32.2 | 40.08 | 0.88 |
| Low | 5,010 | 36.9 | 30.6 | 35.16 | 0.40 |
| LTA | 5,396 | 38.19 | 31.41 | 37.84 | 0.66 |
| COURSE | NO. | STATE M EAN | ATAR UNIT VALUE SCALED | SCHOOL ATAR M EAN UNIT VALUE SCALED | Z-SCORE |
| Engineering Studies |  |  |  |  |  |
| 2021 | 2,400 | 37.7 | 26.1 | 34.88 | 0.92 |
| High | 2,400 | 38.2 | 26.1 | 38.63 | 1.39 |
| Low | 1,274 | 32.6 | 25.0 | 32.38 | 0.75 |
| LTA | 1,804 | 37.07 | 25.62 | 35.94 | 1.10 |

## Comparing Ourselves to the State Over Time

| COURSE | NO. | STATE MEAN | ATAR UNIT <br> VALUE SCALED | SCHOOL ATAR M EAN <br> UNIT VALUE SCALED | Z-SCORE |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| English Advanced |  |  |  |  |  |  |
| 2021 | 24,773 | 41.2 | 32.2 | 35.28 | 0.37 |  |
| High | 28,066 | 41.2 | 33.2 | 40.28 | 0.99 |  |
| Low | 20,123 | 38.5 | 31.2 | 34.47 | 0.21 |  |
| LTA | 25,963 | 39.99 | 31.86 | 36.91 | 0.62 |  |
|  |  |  | ATAR UNIT | SCHOOL ATAR MEAN |  |  |
| COURSE | NO. | STATE M EAN | VALUE SCALED | UNIT VALUE SCALED | Z-SCORE |  |
| English Extension 1 |  |  |  |  |  |  |
| 2021 | 3,415 | 42.6 |  | 36.6 | 35.52 | -0.16 |
| High | 6,282 | 42.6 | 38.4 | 41.92 | 0.92 |  |
| LOW | 3,415 | 38.8 | 35.4 | 35.09 | -0.31 |  |
| LTA | 4,904 | 40.78 |  | 36.43 | 38.60 | 0.34 |

## Comparing Ourselves to the State Over Time



## Comparing Ourselves to the State Over Time

| COURSE | NO. | STATE M EAN | ATAR UNIT VALUE SCALED | SCHOOL ATAR MEAN UNIT VALUE SCALED | Z-SCORE |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Legal Studies |  |  |  |  |  |
| 2021 | 10,693 | 37.6 | 25.0 | 35.85 | 0.99 |
| High | 10,797 | 38.2 | 25.7 | 38.62 | 1.31 |
| Low | 7,523 | 33.1 | 24.9 | 29.82 | 0.44 |
| LTA | 9,276 | 37.06 | 25.27 | 35.42 | 0.95 |
| COURSE | NO. | STATE M EAN | ATAR UNIT VALUE SCALED | SCHOOL ATAR MEAN UNIT VALUE SCALED | Z-SCORE |
| Mathematics Adv. |  |  |  |  |  |
| 2021 | 16,769 | 39.4 | 31.4 | 39.48 | 0.86 |
| High | 20,799 | 39.8 | 31.4 | 40.54 | 1.02 |
| Low | 16,139 | 36.2 | 29.8 | 34.81 | 0.53 |
| LTA | 17,705 | 38.27 | 30.70 | 38.65 | 0.83 |

## Comparing Ourselves to the State Over Time

| COURSE | NO. | STATE M EAN | ATAR UNIT VALUE SCALED | SCHOOL ATAR MEAN <br> UNIT VALUE SCALED | Z-SCORE |
| :---: | :---: | :---: | :---: | :---: | :---: |
| M athematics Extension 1 |  |  |  |  |  |
| 2021 | 8,547 | 39.4 | 39.9 | 43.91 | 0.52 |
| High | 9,955 | 41.0 | 40.1 | 44.75 | 0.83 |
| Low | 6,240 | 36.6 | 37.6 | 41.34 | 0.41 |
| LTA | 8,816 | 39.69 | 39.41 | 43.45 | 0.58 |
| COURSE | NO. | STATE M EAN | ATAR UNIT VALUE SCALED | SCHOOL ATAR MEAN UNIT VALUE SCALED | Z-SCORE |
| Mathematics Extension 2 |  |  |  |  |  |
| 2021 | 3,193 | 41.8 | 44.0 | 46.13 | 0.43 |
| High | 3,512 | 41.9 | 44.7 | 46.71 | 0.70 |
| Low | 2,578 | 39.7 | 42.7 | 44.84 | 0.22 |
| LTA | 3,216 | 40.99 | 43.59 | 45.79 | 0.47 |

## Comparing Ourselves to the State Over Time

| COURSE | NO. | STATE M EAN | ATAR UNIT <br> VALUE SCALED | SCHOOL ATAR MEAN <br> UNIT VALUE SCALED | Z-SCORE |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Modern History |  |  |  |  |  |
| 2021 | 10,890 | 36.6 | 25.3 | 36.90 | 1.06 |
| High | 11,329 | 38.6 | 27.6 | 38.51 | 1.11 |
| Low | 8,751 | 37.1 | 25.5 | 32.07 | 0.48 |
| LTA | 10,159 | 37.60 | 26.71 | 35.98 | 0.86 |
|  |  |  | ATAR UNIT | SCHOOL ATAR MEAN |  |
| COURSE | NO. | STATE MEAN | VALUE SCALED | UNIT VALUE SCALED | Z-SCORE |
| History Extension |  |  |  |  |  |
| 2021 | 1,742 | 39.1 |  |  |  |
| High | 2,397 | 42.7 | 33.4 | 39.03 | 0.75 |
| Low | 1,524 | 34.6 | 35.2 | 40.83 | 0.96 |
| LTA | 2,013 | 38.26 | 33.6 | 33.02 | -0.26 |

## Comparing Ourselves to the State Over Time

| COURSE | NO. | STATE MEAN | ATAR UNIT <br> VALUE SCALED | SCHOOL ATAR M EAN <br> UNIT VALUE SCALED | Z-SCORE |
| :--- | :---: | :---: | :---: | :---: | :---: |
| M usic 1 2 unit |  |  |  |  |  |
| 2021 | 4,697 | 40.9 | 21.1 | 32.37 | 1.04 |
| High | 5,126 | 41.1 | 22.8 | 41.46 | 1.92 |
| Low | 3,555 | 37.2 | 21.1 | 26.07 | 0.37 |
| LTA | 4,528 | 39.97 | 21.81 | 33.35 | 1.12 |
|  |  |  | ATAR UNIT | SCHOOL ATAR MEAN |  |
| COURSE | NO. | STATE MEAN | VALUE SCALED | UNIT VALUE SCALED | Z-SCORE |
| Music 2 Unit |  |  |  |  |  |
| 2021 | 710 | 43.9 | 33.5 | 41.81 | 0.98 |
| High | 850 | 44.0 | 34.4 | 43.68 | 1.37 |
| Low | 539 | 40.9 | 32.1 | 31.93 | -0.05 |
| LTA | 690 | 42.84 | 33.38 | 38.96 | 0.70 |

## Comparing Ourselves to the State Over Time

| COURSE | NO. | STATE M EAN | ATAR UNIT VALUE SCALED | SCHOOL ATAR MEAN UNIT VALUE SCALED | Z-SCORE |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Music Extension |  |  |  |  |  |
| 2021 | 381 | 44.8 | 35.2 | 43.55 | 0.87 |
| High | 504 | 46.2 | 36.2 | 45.28 | 1.25 |
| Low | 332 | 41.7 | 33.9 | 31.85 | -0.49 |
| LTA | 424 | 44.37 | 35.15 | 40.95 | 0.66 |
| COURSE | NO. | STATE M EAN | ATAR UNIT VALUE SCALED | SCHOOL ATAR MEAN <br> UNIT VALUE SCALED | Z-SCORE |
| PDHPE |  |  |  |  |  |
| 2021 | 16,482 | 36.3 | 23.1 | 34.40 | 1.08 |
| High | 16,482 | 37.7 | 23.7 | 38.74 | 1.50 |
| Low | 9,284 | 33.7 | 22.7 | 29.54 | 0.59 |
| LTA | 13,554 | 36.22 | 23.16 | 34.04 | 1.06 |

## Comparing Ourselves to the State Over Time

| COURSE | NO. | STATE MEAN | ATAR UNIT <br> VALUE SCALED | SCHOOL ATAR M EAN <br> UNIT VALUE SCALED | Z-SCORE |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Physics |  |  |  |  |  |
| 2021 | 7,922 | 37.9 | 30.6 | 39.84 | 0.92 |
| High | 10,158 | 37.9 | 30.9 | 41.18 | 1.11 |
| Low | 7,922 | 34.5 | 30.1 | 36.94 | 0.70 |
| LTA | 9,182 | 36.93 | 30.43 | 39.11 | 0.90 |

## Comparing Ourselves to the State Over Time

| COURSE | NO. | STATE M EAN | ATAR UNIT VALUE SCALED | SCHOOL ATAR MEAN UNIT VALUE SCALED | Z-SCORE |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Software Design |  |  |  |  |  |
| 2021 | 1,714 | 37.3 | 25.6 | 37.74 | 1.44 |
| High | 3,666 | 37.9 | 26.1 | 39.10 | 1.45 |
| Low | 1,608 | 32.8 | 23.6 | 30.53 | 0.48 |
| LTA | 2,054 | 36.64 | 24.74 | 36.52 | 1.15 |
| COURSE | NO. | STATE MEAN | ATAR UNIT VALUE SCALED | SCHOOL ATAR MEAN UNIT VALUE SCALED | Z-SCORE |
| Studies of Religion 1 Unit |  |  |  |  |  |
| 2021 | 8,389 | 37.8 | 27.6 | 34.23 | 0.73 |
| High | 9,950 | 39.2 | 28.1 | 36.95 | 1.06 |
| Low | 8,129 | 37.6 | 27.1 | 28.76 | 0.06 |
| LTA | 9,061 | 38.4 | 27.67 | 31.56 | 0.44 |

## Comparing Ourselves to the State Over Time

| COURSE | NO. | STATE MEAN | ATAR UNIT <br> VALUE SCALED | SCHOOL ATAR M EAN <br> UNIT VALUE SCALED | Z-SCORE |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Studies of Religion 2 Unit |  |  |  |  |  |
| 2021 | 6,132 | 38.2 | 27.5 | 33.77 | 0.63 |
| High | 6,280 | 39.4 | 27.8 | 39.89 | 1.26 |
| Low | 3,554 | 37.3 | 26.6 | 30.26 | 0.36 |
| LTA | 5,365 | 38.17 | 27.36 | 33.24 | 0.60 |
|  |  |  | ATAR UNIT | SCHOOL ATAR MEAN |  |
| COURSE | NO. | STATE MEAN | VALUE SCALED | UNIT VALUE SCALED | Z-SCORE |
| Visual Arts |  |  |  |  |  |
| 2021 | 8,417 | 40.7 | 22.1 | 29.30 | 0.65 |
| High | 9.717 | 40.7 | 23.5 | 41.50 | 1.76 |
| LOW | 8,417 | 36.1 | 21.9 | 26.04 | 0.35 |
| LTA | 9,026 | 39.68 | 22.68 | 32.11 | 0.87 |

## Comparing Ourselves to the State Over Time

| COURSE | NO. | STATE MEAN | ATAR UNIT VALUE SCALED | SCHOOL ATAR MEAN UNIT VALUE SCALED | Z-SCORE |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Chinese in Context |  |  |  |  |  |
| 2021 | 130 | 44.5 | 30.7 | 36.58 | 0.57 |
| High | 137 | 44.5 | 30.4 | 38.67 | 0.75 |
| Low | 84 | 42.8 | 26.6 | 25.50 | -0.50 |
| LTA | 109 | 43.9 | 31.1 | 32.81 | 0.16 |
| COURSE | NO. | STATE MEAN | ATAR UNIT VALUE SCALED | SCHOOL ATAR MEAN UNIT VALUE SCALED | Z-SCORE |
| Latin Continuers |  |  |  |  |  |
| 2021 | 154 | 42.9 | 40.8 | 39.32 | -0.20 |
| High | 217 | 46.1 | 41.1 | 48.07 | 1.26 |
| Low | 131 | 42.6 | 39.2 | 32.83 | -1.57 |
| LTA | 167 | 44.20 | 40.18 | 40.19 | 0.00 |

## Comparing Ourselves to the State Over Time

| COURSE | NO. | STATE M EAN | ATAR UNIT <br> VALUE SCALED | SCHOOL ATAR M EAN <br> UNIT VALUE SCALED | Z-SCORE |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Latin Extension |  |  |  |  |  |
| 2021 | 101 | 45.8 | 41.4 | 41.24 | -0.02 |
| High | 129 | 47.5 | 43.8 | 44.87 | 0.51 |
| Low | 50 | 44.0 | 41.0 | 21.95 | -3.28 |
| LTA | 98 | 45.97 | 42.08 | 32.81 | -0.45 |

## Universities SBHS Students Attend

| Course | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | Average <br> $1995->$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| New South Wales | 124 | 145 | 127 | 147 | 137 | 131 | 149 | 157 | 94 |
| Sydney | 41 | 25 | 38 | 27 | 38 | 44 | 30 | 27 | 46 |
| UTS | 10 | 3 | 13 | 7 | 11 | 12 | 11 | 6 | 11 |
| M acquarie | 10 | 6 | 6 | 8 | 6 | 10 | 7 | 4 | 9 |
| Australian Catholic | 3 | 4 | 1 | 1 | 6 | 5 | 5 | 1 | 1 |
| ANU | 8 | 7 | 5 | 4 | 5 | 3 | 0 | 1 | 3 |
| Western Sydney | 4 | 8 | 11 | 9 | 3 | 3 | 3 | 4 | 6 |
| Wollongong | 0 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other | 5 | 5 | 4 | 1 | 0 | 5 | 2 | 0 | 1 |
| Total | $\mathbf{2 0 5}$ | $\mathbf{2 0 5}$ | $\mathbf{2 0 5}$ | $\mathbf{2 0 5}$ | $\mathbf{2 0 7}$ | $\mathbf{2 1 4}$ | $\mathbf{2 1 0}$ | $\mathbf{2 0 5}$ | $\mathbf{1 7 6}$ |

## University Courses SBHS Students Study

| Course | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ | 2019 | 2020 | 2021 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Engineering | 48 | 36 | 39 | 47 | 43 | 43 | 33 | 32 | 45 |
| Commerce | 50 | 65 | 64 | 54 | 50 | 56 | 50 | 62 | 50 |
| Law | 17 | 29 | 24 | 22 | 27 | 12 | 24 | 21 | 22 |
| Arts | 12 | 10 | 5 | 13 | 5 | 6 | 8 | 4 | 12 |
| Science | 18 | 12 | 11 | 18 | 10 | 36 | 32 | 26 | 20 |
| Health Sciences | 38 | 39 | 46 | 36 | 36 | 28 | 28 | 34 | 26 |
| Design | 3 | 2 | 0 | 4 | 6 | 7 | 6 | 4 | 5 |
| Communication | 0 | 0 | 3 | 4 | 1 | 0 | 0 | 2 | 4 |
| International <br> Studies | 6 | 4 | 1 | 3 | 4 | 1 | 1 | 3 | 3 |
| IT/Systems | 5 | 1 | 6 | 3 | 16 | 15 | 28 | 14 | 7 |
| Education | 0 | 2 | 0 | 0 | 2 | 1 | 2 | 0 | 0 |



NUTURING SCHOLAR-SPORTSMEN SINCE 1883

## Thank you.

