

SEF Data Reports

Value-added Report

School Excellence Framework: Value-added

School: Hopewood Boys High School

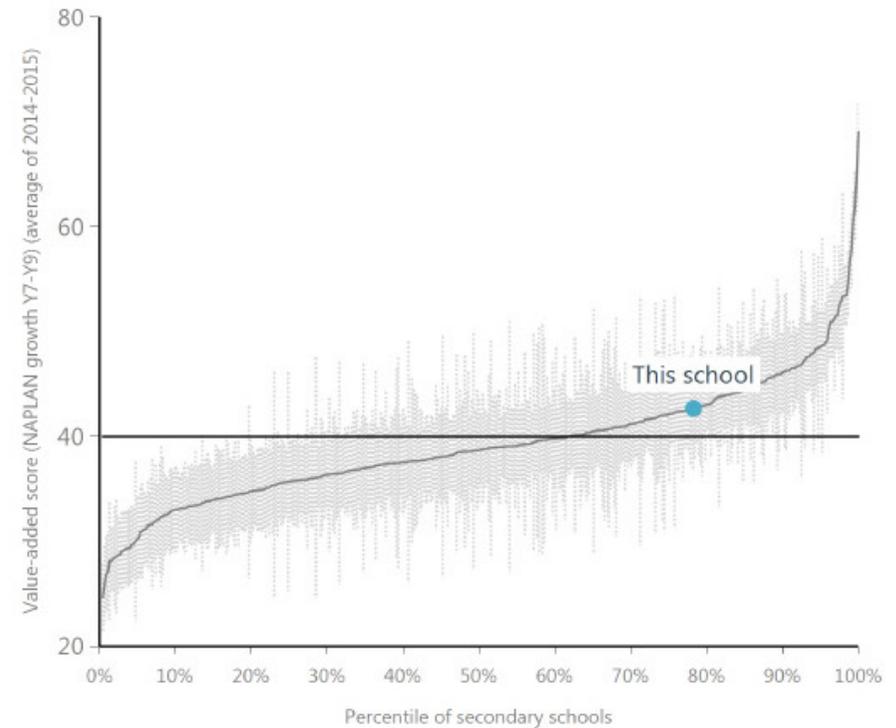
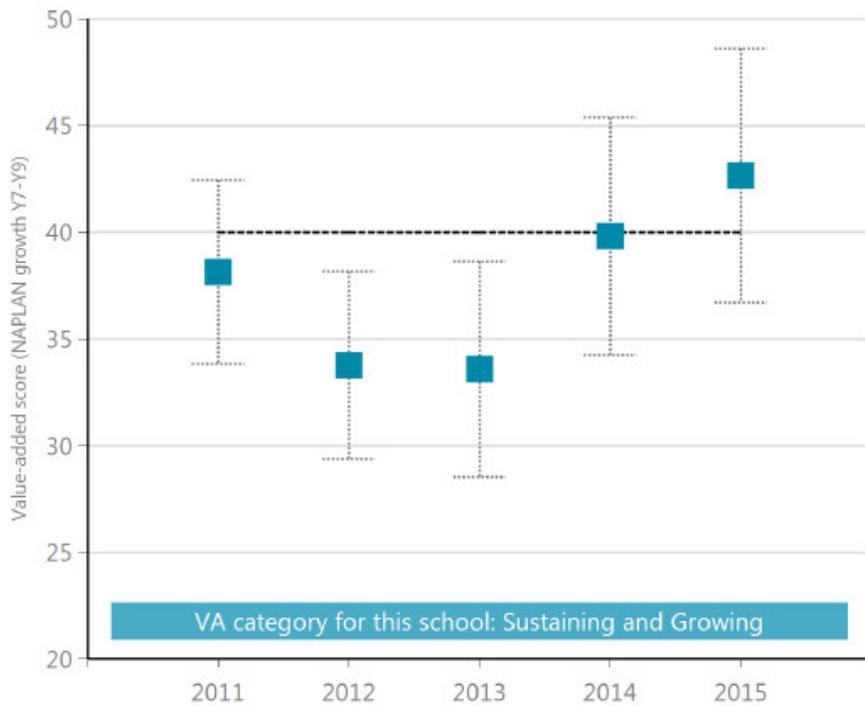
Key quantitative measure: Value-added Year 7-Year 9

This school (2014-2015): **42.7**

Similar schools: 38.1

Confidence interval of this school: **36.7** to **48.6**

This provides an indication of the amount of growth being achieved by students at your school from Year 7 to Year 9, after adjusting for the characteristics of your school and its students. The dotted line represents the growth of the average student. The measure uses an average of Reading and Numeracy NAPLAN scores for each year.



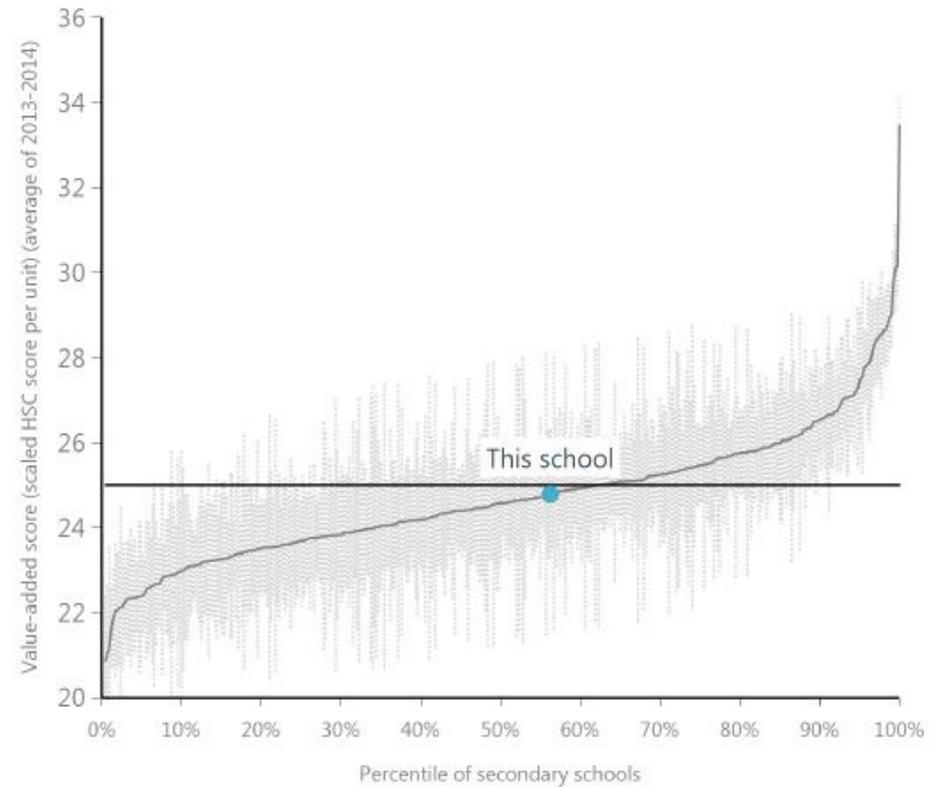
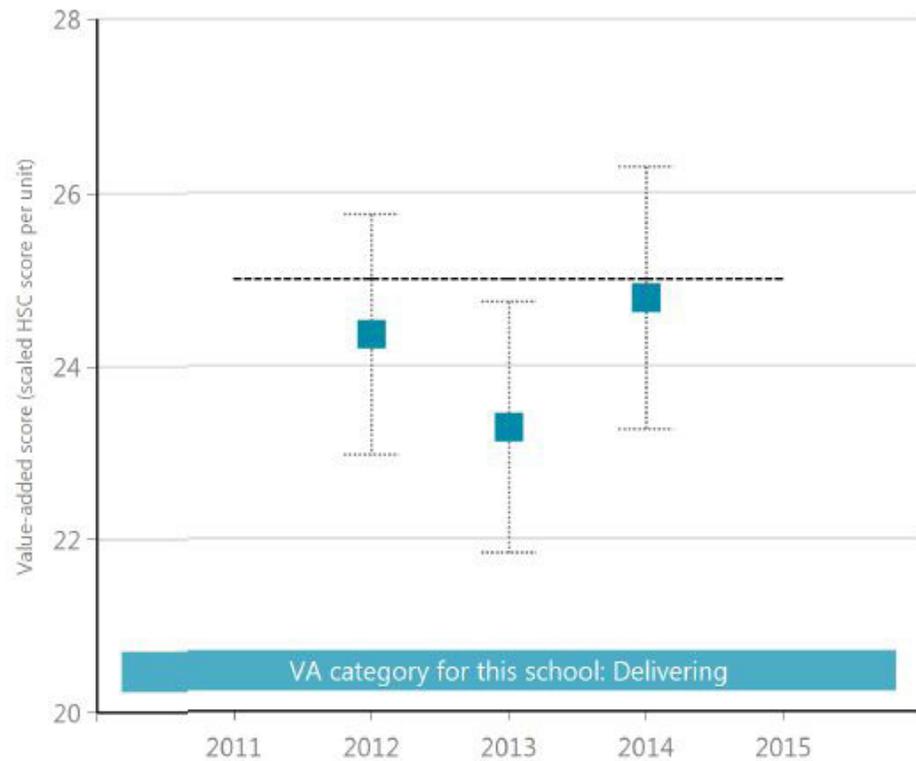
Key quantitative measure: Value-added Year 9-Year 12 (Tertiary Entrance Score)

This school (2013-2014): **24.8**

Similar schools: 24.7

Confidence interval of this school: **23.3** to **26.3**

This provides an indication of the scaled HSC score per unit achieved by students at your school, after adjusting for the characteristics of your school and its students, including Year 9 NAPLAN score. The dotted line represents the growth of the average student. The measure uses an average of Reading and Numeracy NAPLAN scores for Year 9, and scaled HSC scores for Year 12. **Note: Data for this measure lags by one year.**



Value-added: Information about this report

Report purpose

This report displays information about learning growth of students in your school, after adjusting for the characteristics of the students, later referred to as value-added. This is a fair, reliable and accurate indication of school effectiveness that is widely used by schooling systems in Australia and internationally.

The value-added model adjusts for the effect of the following contextual factors:

- Student SES
- Student Aboriginality
- School SES (FOEI)
- Opportunity class enrolment (VA5-7 only)
- Student gender (VA9-12 only)
- Fully selective schools (VA7-9 and VA9-12 only)
- Co-educational, girls-only, or boys-only schools (VA7-9 and VA9-12 only)

You are encouraged to look at the measures in this report with other measures of student performance and growth, such as student attainment, information on SMART, or internal measures within your school.

The measures in this report are key quantitative measures as referred to in the School Excellence Framework.

Business questions

What does the value-added score mean for my school?

The most recent value-added (VA) score for your school ('this school') is reported underneath each VA measure, together with its confidence interval. To improve reliability, VA scores are statistically adjusted for small schools and are calculated using the growth data of matched students over two consecutive cohorts*. The average VA score for the group of schools that are most similar to yours is also reported.

The graph on the right shows how your school compares to all government schools. The horizontal line indicates the average VA for all schools. VA 3-5, 5-7 and 7-9 is expressed relative to the typical NAPLAN growth for the average student across Reading and Numeracy for the cohort in question. VA 9-12 is expressed relative to the average NSW government school student's unit mark (out of 50) across HSC courses.

A lower VA score does not mean that a school is not adding value to its students – just that the school is adding less than the value added by the average school.

How has my school's VA changed over time?

The graph on the left shows how this measure has been changing in your school. VA scores are reported with confidence intervals. If a confidence interval crosses the dotted line in the graph, that result is not statistically different from the average VA for all schools.

Is my school adding value equally across the levels of schooling?

A number of VA measures are produced for each school. For primary schools, measures will separately examine the school's contribution to learning from Year 3 to Year 5, and from Year 5 to Year 7. For secondary schools, measures will separately examine the school's contribution to learning from Year 7 to Year 9, and from Year 9 to Year 12.

What SEF VA category does my school fall into?

Your school's VA category is indicated on the left-hand graph. The categories are:

Working towards Delivering: Confidence interval is fully below the line

Delivering: Estimate is below the line but confidence interval overlaps the line

Sustaining and Growing: Estimate is above the line but confidence interval overlaps the line

Excelling: Confidence interval is fully above the line

Why aren't other contextual factors included in the model?

In order to be included in the value-added model, a contextual factor must have a substantial, consistent effect on student outcomes, and must be largely out of the control of schools. Once controlling for the main determinants of student performance (such as prior performance and SES), other assessed factors had a negligible impact on the strength of the model. Factors such as language background and student gender (in primary schools) are not included because their effect differs depending on the scholastic or calendar year examined. Some other factors cannot be assessed for impact because systematic data is not currently available. As more data on contextual factors becomes available, they will be assessed for impact, and added to the model if necessary.

* VA is calculated using the growth data of matched students over two consecutive cohorts. For example, a 2015 VA 3-5 score is based on the average progress of 2015 Year 5 students (from Year 3 in 2013) as well as that of 2014 Year 5 students (from Year 3 in 2012).

Note: For more information on VA measures and their development, see: <http://www.cese.nsw.gov.au/publications-filter/learning-curve-6-value-added-measures>.

For assistance interpreting your report, see annotated examples of the primary school reports here:

https://detwww.det.nsw.edu.au/media/downloads/cese/annotated_pri.pdf

And annotated examples of the secondary school reports here: https://detwww.det.nsw.edu.au/media/downloads/cese/annotated_high.pdf