

## TERTIARY INSTITUTIONS SERVICE CENTRE LTD

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### 2022 SCALING and ATAR INFORMATION

The purpose of this document is to help you understand some of the outcomes from the marks adjustment (scaling) process.

In 2022 there were 81 courses examined, including 29 language courses using interstate syllabi.

#### The Marks Adjustment Process

The main steps in the marks adjustment process are:

- The School Curriculum & Standards Authority moderates school assessments against exam results, then combines the moderated school assessment and exam results to produce combined marks for each course studied.
- The combined marks are standardised before the scaling process.
- TISC and the School Curriculum & Standards Authority jointly scale the course results.

Full details of the marks adjustment process are at

<http://www.tisc.edu.au/static-fixed/statistics/misc/marks-adjustment-process.pdf>

Once the scaling process has been completed, the average of all scaled scores across all courses is 60.

A comparison of average scaled scores from 2022 and 2021 courses shows this year's averages are similar to last year's.

#### The Australian Tertiary Admission Rank (ATAR)

9,643 school leavers achieved an ATAR in 2022 compared to 10,572 in 2021.

Sixteen school leavers achieved the maximum ATAR of 99.95.

#### Methodology

The ATAR reports students' rank position relative to all other students. It takes into account the number of students who sit the WACE examinations in any year and also the number of people of Year 12 school leaving age in the total population.

Students' best four scaled scores are added together to form a Tertiary Entrance Aggregate. Students who have scaled scores in a Language Other Than English (LOTE), Mathematics Methods and/or Mathematics Specialist have 10% of those scaled scores added to their aggregate.

The highest aggregate possible in 2022 was 430.

Once aggregates for all eligible students have been calculated, a formula based on the proportion of students taking at least four ATAR courses within the total school-leaving age population in Western Australia determines how many students are assigned to each ATAR band.

The median ATAR in 2022 is 83.45 (82.30 in 2021).

A technical explanation of how the ATAR is calculated is available at:

<http://www.tisc.edu.au/static-fixed/statistics/ter-frequency/atar-technical-specification.pdf>

## University Competence in English Requirement

Competence in English for university admission achieved for most WA universities by a scaled score of 50 in an English course.

The following is the percentage of students achieving a scaled score of 50 in 2022.

Literature ATAR	87.9%
English ATAR	72.5%
EALD ATAR	67.3%

For students whose scaled score is less than 50, universities will also consider their examination mark or moderated school assessment in determining competence in English. The threshold required for this concession is 55 for Murdoch, Curtin, Notre Dame and 60 for UWA.

For Murdoch University, successful completion of senior secondary study in English also satisfies their competence in English requirement.

Students who have sat the WACE examination in one of the three English ATAR courses (English, Literature, or EALD), and have satisfied other admission requirements for a particular university but have not achieved competence in English for that university, are usually invited to sit the Special Tertiary Admissions Test (STAT). This invitation is made via their Universities Admission Advice Letter (UAAL) and is a further chance to demonstrate competence in English for university entry in Semester 1, 2023.

## Mathematics

The scaling process producing the following means for Mathematics subjects in 2022:

Mathematics Applications	54.7%
Mathematics Methods	64.6%
Mathematics Specialist	68.2%

These means are consistent with those for these courses over the past few years.

## Further information

More information on the marks adjustment process, 2022 scaled scores and ATAR distributions and courses used is available at [www.tisc.edu.au](http://www.tisc.edu.au), under *Resources>Statistics*