ATAR 2023

Preliminary Report on the Scaling of the 2023 NSW Higher School Certificate

This preliminary report has been prepared to provide some information on the calculation of the Australian Tertiary Admission Rank (ATAR) in 2023 – a more detailed report will be released in May 2024. Please see the booklet *ATAR Essentials* (available on the UAC website) for more background on the ATAR.

There were no changes to the scaling procedures in 2023 for the various NSW HSC courses. The aggregate was calculated over the best 10 eligible units, in the same way as in recent years.

1. Overview

In 2023 a total of 55,523 students received an ATAR, 1,215 more than in 2022. Of the students receiving ATARs, 25,621 (46.1%) were males, 29,868 (53.8%) were females and 34 (0.1%) did not identify themselves as either male or female.

17.5% of the students received an ATAR of 90.00 or above, 35.0% received an ATAR of at least 80.00, 51.8% at least 70.00, and 67.4% at least 60.00. The median ATAR was 71.05, slightly lower than in 2022. The median ATAR for females was 71.90 whereas the median ATAR for males was 70.00.

There were 49 students who received the top ATAR of 99.95. Of these, there were 12 females and 37 males, coming from a mix of government and non-government schools and studying a wide range of courses. Candidates awarded an ATAR of 99.95 studied 37 different courses out of the 116 courses offered.

When reading the tables attached it must be remembered that the NSW Education Standards Authority (NESA) HSC mark in a course indicates a standard reached in that course whereas a scaled mark indicates a student's position in the course if all 71,199 HSC students had completed that course. This means that students with the same scaled mark in two courses would have been placed at the same position in those courses if all 71,199 students had taken both courses. Because HSC marks and scaled marks serve these two different purposes, comparing HSC and scaled marks can lead to misinterpretations that may inappropriately affect student choices of courses to study.

Because of the different procedures used to calculate NESA HSC marks and the scaled marks, scaled marks are generally lower than NESA HSC marks, except near the top. Few students receive HSC marks less than 25 (on a one-unit basis) and the average HSC mark lies between 35 and 40 for most courses. In contrast, the average scaled mark for the total HSC candidature is close to 25, and relatively few courses have scaled means greater than 35.

2. Course candidatures – Table A1

Table A1 provides, for each course, the size of the candidature, the number of candidates who were awarded an HSC in 2023, the number of candidates who were awarded an ATAR in 2023, the percentage of female candidates and the maximum ATAR gained by a student enrolled in that course. Most courses have students who have achieved an ATAR above 95.00.

3. Distributions of 2023 HSC marks by course – Table A2

Table A2 provides information on the distributions of NESA HSC marks in 2023. This year, Automotive Exam and Information and Digital Technology Exam are no longer separated into streams, leaving only one VET Framework course, Hospitality Exam, having examination

arrangements in which the course is separated into two streams. While the streams have different course numbers, the raw marks for the two streams in the Hospitality framework are on a common scale, and so the streams are treated as a single course for scaling purposes, and they are reported on a consolidated basis in these tables.

4. Distributions of scaled marks – Table A3

In general, for the larger courses, the patterns of scaled marks from the HSC 2023 were similar to those from the HSC 2022. Table A3 contains a summary of the distributions of scaled marks in each course, providing information on the number of students; the mean, standard deviation, and maximum mark; and the 99th, 90th, 75th, 50th and 25th percentiles of both NESA HSC marks and the scaled marks. Percentiles are not provided for courses with candidatures less than 40.

Marks are shown on a one-unit basis, so the range is 0 to 50. The percentiles in a course are based on all students completing that course irrespective of whether they were eligible for an ATAR or not.

Table A3 should not be used as a simple HSC to scaled mark conversion table.

NESA reports HSC marks rounded to the nearest integer whereas the scaled marks are calculated using the raw HSC marks based on the HSC examinations and moderated school assessments. The raw HSC marks are calculated to one decimal place. NESA aligns the raw marks to bands that best describe the standards that the students achieve. This can compress a range of raw marks to a smaller number of HSC marks. For example, all Band E4 performances in English Extension 1 are allocated one of the six integer grades 45.0 to 50.0. Thus, after aligning and rounding, for each HSC mark there can be a range of corresponding raw marks and hence a range of scaled marks. In general, there is no unique scaled mark for an HSC mark.

Table A3 gives the HSC mark at the specified percentile. Not all students with that HSC mark will be at that percentile when the raw marks are considered. For example, in Chinese in Context the maximum HSC mark and the 99th percentile of the HSC distribution are both 49, whereas the maximum scaled mark is 50 and the scaled mark at the 99th percentile is 49.1.

This issue has been discussed in full on pages 15–16 of the *Report on the Scaling of the 2022 NSW HSC*.

5. Variation in patterns of HSC and scaled marks – Tables A4, A5

A concern that is frequently raised is that the observed variation in the patterns of HSC marks across different courses (Table A2) affects scaling and the ranking calculation. Since it is the raw HSC marks that are scaled, not the HSC marks by which NESA reports student achievement, this observed variation does not affect the ranking calculation. A full discussion of this can be found in Section 3 of the *Report on Scaling of the 2022 NSW HSC*.

It is to be expected that the patterns of HSC marks will change from year to year, reflecting differences in student achievement against the published standards in individual courses. In contrast, one would expect to see differences in the patterns of scaled marks of large candidature courses only if the overall academic quality of a course candidature changed, usually as a result of a substantial change in the size of the candidature. Table A4 shows the variation in the distributions of HSC marks from 2022 to 2023, for each course, while Table A5 provides the same information for scaled marks. The data show that while some distributions of HSC marks change from 2022 to 2023 the distributions of scaled marks are generally stable. Most exceptions are small courses where the candidature can change noticeably from year to year.

6. Courses that contribute to the ATAR – Table A6

The ATAR information provided to students shows which units contributed to their ATAR. Some students are puzzled as to why one course is included and not another. The scaled mark a student receives for a course depends both on the scaled mean of the course and the student's position.

A frequently asked question is whether there are systematic differences between groups of courses. The concern is that some courses contribute towards the ATAR less than other courses. For each course, Table A6 provides information on the percentage of students who counted all units of that course towards their ATAR. The data indicate that while there is some variability in the percentage of students who count the course towards their ATARs, there appears to be no evidence of systematic differences between different groups of courses. Table A6 also includes, for each course, the maximum ATAR for a candidate including all units of that course in their aggregate.

7. ATAR distribution – Tables A7 and A8

The data given in Table A7 show the number of students awarded a particular ATAR in 2023 for ATARs of 99.00 or more, and the frequencies associated with different ATAR ranges from 99.00 to 30.00.

Table A8 gives the ATAR corresponding to selected percentiles of the ATAR cohort for 2019 to 2023.

8. The ATAR and the aggregate – Table A9

Table A9 shows the lowest aggregate of scaled marks out of 500 corresponding to each of the selected ATARs for 2019 to 2023.

9. General comparisons

Note that ATARs are, in general, lower than the average of the HSC marks reported to students. This is a consequence of the different ways student achievement is reported.

NESA reports against standards, with students being placed in bands that indicate the standards they have reached in their individual courses. An HSC mark indicates where a student is situated in a performance band and, as there are few students in Performance Band 1, most HSC marks lie between 50 and 100. In contrast, a student's ATAR indicates their overall position in relation to the entire NSW Year 12-aged population.

As mentioned earlier, the median ATAR in 2023 was 71.05. A middle student will generally have HSC marks that lie between 70 and 80. Because of the large percentage of students placed in Performance Band 4, the ATARs of students with HSC marks around 80 will often be very different from the ATARs of students with HSC marks around 70. This is discussed in the *ATAR Essentials* booklet.

10. Concluding note

The number of students in each ATAR band is determined by the participation rate (the percentage of the age cohort that is eligible for an ATAR) to ensure that ATARs issued in each Australian and New Zealand jurisdiction represent the same level of demonstrated academic ability. In this, the ACT and NSW are considered as a single jurisdiction and therefore the combined ACT and NSW participation rate is used. The decrease in the median ATAR mentioned in the Overview and the corresponding shifts recorded in Tables A8 and A9 are consequences of the changes in this participation rate over the period from 2019 to 2023. The ACT+NSW participation rate had declined

from 58.5 in 2019 to 57.2 in 2021, with a substantial further decline to 55.6 in 2022, followed by an increase to 56.0 in 2023. Care should be taken in attaching any significance to these changes, as the size of the age cohort used in the calculation of the participation rates in 2019-2022 were determined from the 2018 ABS population projections which did not anticipate the significant population effects resulting from the pandemic. The 2023 participation rate was calculated using the 2023 ABS population projections, in accordance with the ATAR allocation process adopted by all jurisdictions.

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Appendix

Comment

The following courses are not included in the tables as they have less than 10 students:

— Classical Greek Extension
— Classical Hebrew Extension
— Croatian Continuers
— Dutch Continuers
— Filipino Continuers
— Indonesian Extension
— Indonesian and Literature

Some other courses do not appear in a particular table if they have less than the minimum number of candidates required for that table.

Table descriptions

Table A1   Course enrolments, gender, ATAR eligibility and maximum ATAR by course
            Excludes courses with less than 10 students.

Table A2   Distributions of 2023 HSC marks by course
            Excludes courses with less than 10 students.

Table A3   Descriptive statistics and selected percentiles for HSC marks and scaled marks
            by course
            Excludes courses with less than 10 students completing the course in the current year,
            or if the group of students completing the course in the current year are collectively
            undertaking less than 25 other ATAR courses in the current year. No percentile data are
            given for courses with less than 40 students.

Table A4   Distributions of HSC marks by course: 2022 and 2023
            Excludes courses with less than 40 students in either year.

Table A5   Distributions of scaled marks by course: 2022 and 2023
            Excludes courses with less than 40 students in either year.

Table A6   Courses that contribute to the ATAR (more than 10 units)
            Excludes courses with less than 10 ATAR students.

Table A7   ATAR distribution

Table A8   ATAR percentiles: 2019 to 2023

Table A9   Relationship between the ATAR and aggregates: 2019 to 2023

Table A1   Course enrolments, gender, ATAR eligibility and maximum ATAR by course

Notes: (i)   The **Number all** column includes students who have completed the course in 2023 or in a previous year (and who have done at least one ATAR course in 2023).

   (ii)   The **Number HSC** column shows the number of students who completed the course in 2023 or in a previous year and received an HSC award in 2023.

   (iii)   The **Number ATAR** column shows the number of students who completed the course in 2023 or in a previous year and who were eligible for an ATAR in 2023.

   (iv)   The **% Female** column shows the percentage of students in the course who were Female.

   (v)   The **% HSC** column shows the percentage of students in the course who received an HSC award in 2023.

   (vi)   The **% ATAR eligible** column shows the percentage of students in the course who were eligible for an ATAR in 2023.

   (vii)   The **Maximum ATAR** column shows the maximum ATAR achieved by a student doing the course.

   (viii)   The table excludes courses with less than 10 students.

Course	Number all	Number HSC	Number ATAR	% Female	% HSC	% ATAR eligible	Maximum ATAR
Aboriginal Studies	869	729	471	75.0	83.9	54.2	99.35
Agriculture	1,498	1,422	1,082	50.2	94.9	72.2	99.95
Ancient History	6,841	6,640	6,060	56.5	97.1	88.6	99.95
Biology	19,808	19,211	18,650	63.9	97.0	94.2	99.95
Business Studies	19,106	18,405	17,246	45.6	96.3	90.3	99.90
Chemistry	10,047	9,816	9,788	47.1	97.7	97.4	99.95
Community & Family Studies	9,199	8,924	7,477	89.6	97.0	81.3	99.00
Dance	813	770	700	95.6	94.7	86.1	99.55
Design & Technology	3,947	3,778	3,420	45.0	95.7	86.6	99.85
Drama	3,415	3,285	2,920	66.4	96.2	85.5	99.95
Earth & Environmental Science	2,658	2,586	2,356	50.5	97.3	88.6	99.80
Economics	5,556	5,461	5,436	34.4	98.3	97.8	99.95
Engineering Studies	2,603	2,532	2,471	11.0	97.3	94.9	99.85
English Studies Exam	1,305	1,126	587	41.3	86.3	45.0	92.60
English Standard	32,085	31,259	28,880	50.1	97.4	90.0	99.60
English Advanced	25,232	25,057	24,977	58.9	99.3	99.0	99.95
English EAL/D	1,216	1,101	1,079	52.7	90.5	88.7	99.95
English Extension 1	3,683	3,671	3,665	71.8	99.7	99.5	99.95
English Extension 2	1,414	1,411	1,406	74.8	99.8	99.4	99.95
Food Technology	3,852	3,681	3,061	68.5	95.6	79.5	99.45
Geography	4,091	3,994	3,764	44.5	97.6	92.0	99.95
Industrial Technology	5,940	5,652	4,191	18.9	95.2	70.6	99.25
Information Processes & Technology	1,857	1,697	1,592	19.5	91.4	85.7	99.95
Investigating Science	3,065	2,740	2,416	44.5	89.4	78.8	99.80
Legal Studies	10,424	10,178	9,757	65.1	97.6	93.6	99.95
Mathematics Standard 1 Exam	1,656	1,555	1,037	51.2	93.9	62.6	91.75
Mathematics Standard 2	31,175	30,474	28,581	52.4	97.8	91.7	99.75
Mathematics Advanced	17,364	15,462	15,439	46.9	89.0	88.9	99.95
Mathematics Extension 1	8,879	8,308	8,321	39.6	93.6	93.7	99.95
Mathematics Extension 2	3,330	3,257	3,265	33.0	97.8	98.0	99.95
Modern History	10,585	10,258	9,618	48.5	96.9	90.9	99.95
History Extension	1,732	1,722	1,717	60.6	99.4	99.1	99.95
Music 1	4,441	4,264	3,634	47.1	96.0	81.8	99.65
Music 2	771	701	699	48.2	90.9	90.7	99.95

Table A1   Course enrolments, gender, ATAR eligibility and maximum ATAR by course

Course	Number all	Number HSC	Number ATAR	% Female	% HSC	% ATAR eligible	Maximum ATAR
Music Extension	388	381	379	52.1	98.2	97.7	99.95
PDH&PE	17,116	16,717	15,290	55.1	97.7	89.3	99.95
Physics	8,011	7,901	7,873	21.5	98.6	98.3	99.95
Science Extension	795	786	784	59.1	98.9	98.6	99.95
Society & Culture	5,108	4,970	4,644	82.2	97.3	90.9	99.90
Software Design & Development	1,710	1,637	1,568	11.8	95.7	91.7	99.95
Studies of Religion I	8,943	8,220	8,042	56.7	91.9	89.9	99.95
Studies of Religion II	5,982	5,759	5,681	62.9	96.3	95.0	99.95
Textiles & Design	1,412	1,376	1,228	95.6	97.5	87.0	99.85
Visual Arts	8,721	8,327	7,251	72.8	95.5	83.1	99.95
Arabic Continuers	193	185	162	60.6	95.9	83.9	99.40
Arabic Extension	59	57	42	71.2	96.6	71.2	99.30
Armenian Continuers	36	23	23	50.0	63.9	63.9	98.65
Chinese Beginners	34	34	32	50.0	100.0	94.1	99.05
Chinese Continuers	200	196	195	52.0	98.0	97.5	99.95
Chinese Extension	52	51	51	67.3	98.1	98.1	99.95
Chinese & Literature	261	242	257	56.3	92.7	98.5	99.85
Chinese in Context	131	130	130	71.0	99.2	99.2	99.75
Classical Greek Continuers	20	18	18	50.0	90.0	90.0	99.95
Classical Hebrew Continuers	15	15	15	20.0	100.0	100.0	98.65
French Beginners	299	293	272	76.6	98.0	91.0	99.60
French Continuers	538	514	506	68.0	95.5	94.1	99.95
French Extension	115	115	115	60.0	100.0	100.0	99.95
German Beginners	81	70	65	64.2	86.4	80.2	98.50
German Continuers	170	155	154	57.1	91.2	90.6	99.85
German Extension	40	40	40	42.5	100.0	100.0	99.50
Hindi Continuers	45	31	33	73.3	68.9	73.3	99.45
Hungarian Continuers	24	13	12	37.5	54.2	50.0	97.60
Indonesian Beginners	23	22	21	87.0	95.7	91.3	90.70
Indonesian Continuers	53	52	51	73.6	98.1	96.2	97.70
Italian Beginners	232	232	210	74.1	100.0	90.5	99.95
Italian Continuers	195	169	166	61.5	86.7	85.1	99.90
Italian Extension	33	32	32	63.6	97.0	97.0	99.90
Japanese Beginners	541	525	482	53.8	97.0	89.1	99.90
Japanese Continuers	704	660	649	61.1	93.8	92.2	99.85
Japanese Extension	150	139	139	60.0	92.7	92.7	99.85
Japanese in Context	51	49	50	70.6	96.1	98.0	99.05
Khmer Continuers	12	11	12	41.7	91.7	100.0	82.90
Korean Beginners	129	128	126	82.9	99.2	97.7	99.25
Korean Continuers	13	13	13	53.8	100.0	100.0	90.55
Korean & Literature	29	26	28	55.2	89.7	96.6	99.70
Korean in Context	56	56	56	62.5	100.0	100.0	99.90
Latin Continuers	162	162	162	56.8	100.0	100.0	99.95
Latin Extension	93	93	93	62.4	100.0	100.0	99.95

Table A1   Course enrolments, gender, ATAR eligibility and maximum ATAR by course

Course	Number all	Number HSC	Number ATAR	% Female	% HSC	% ATAR eligible	Maximum ATAR
Macedonian Continuers	11	11	10	63.6	100.0	90.9	95.55
Modern Greek Beginners	86	86	82	64.0	100.0	95.3	97.35
Modern Greek Continuers	82	69	67	57.3	84.1	81.7	95.95
Modern Greek Extension	28	22	22	64.3	78.6	78.6	95.95
Modern Hebrew Continuers	26	17	17	61.5	65.4	65.4	99.90
Persian Continuers	24	24	20	83.3	100.0	83.3	87.50
Polish Continuers	14	14	14	78.6	100.0	100.0	93.35
Portuguese Continuers	19	16	15	52.6	84.2	78.9	87.80
Punjabi Continuers	23	23	23	60.9	100.0	100.0	99.15
Russian Continuers	27	27	27	77.8	100.0	100.0	99.50
Serbian Continuers	27	26	26	66.7	96.3	96.3	90.00
Spanish Beginners	192	183	177	69.8	95.3	92.2	99.50
Spanish Continuers	132	131	128	60.6	99.2	97.0	99.50
Spanish Extension	31	31	31	64.5	100.0	100.0	97.00
Swedish Continuers	26	13	12	61.5	50.0	46.2	99.60
Tamil Continuers	88	46	45	67.0	52.3	51.1	99.60
Turkish Continuers	47	36	35	63.8	76.6	74.5	99.25
Vietnamese Continuers	110	94	104	60.9	85.5	94.5	99.70
Automotive Exam	250	215	134	12.4	86.0	53.6	94.90
Business Services Exam	1,159	1,044	925	70.5	90.1	79.8	97.40
Construction Exam	1,613	1,499	1,160	5.6	92.9	71.9	95.35
Electrotechnology Exam	259	251	183	5.4	96.9	70.7	93.80
Entertainment Industry Exam	712	655	591	55.5	92.0	83.0	98.25
Financial Services Exam	100	74	71	38.0	74.0	71.0	91.25
Hospitality Exam	4,648	4,208	3,790	72.7	90.5	81.5	99.15
Human Services Exam	653	642	585	89.7	98.3	89.6	97.00
Information & Digital Technology Exam	401	358	324	20.9	89.3	80.8	96.90
Primary Industries Exam	537	490	365	53.1	91.2	68.0	95.45
Retail Services Exam	872	739	640	66.6	84.7	73.4	97.45
Tourism, Travel & Events Exam	76	70	64	86.8	92.1	84.2	94.70
Total	71,199	63,558	55,523	52.7	89.3	78.0	99.95

Table A2   Distributions of 2023 HSC marks by course

Notes: (i) The **Number** column shows the number of students who completed the course in 2023.

(ii) The **Median HSC mark** column shows the median HSC mark per course.

(iii) The **Median Band** column indicates the Performance Band in which the median HSC mark lies.

(iv) The **Percentage of Students in Performance Band** columns show the percentage of a course candidature in each of the Performance Bands 6 to 2. Extension courses show only Bands 4 to 2 as they have four Bands only: E1 to E4.

(v) This table excludes courses with less than 10 students.

Course	Number	Median HSC mark	Median Band	Percentage students in Performance Band				
				6	5	4	3	2
Aboriginal Studies	781	75	4	13	25	24	19	12
Agriculture	1,417	73	4	10	20	27	28	11
Ancient History	6,682	74	4	9	23	28	20	13
Biology	19,382	74	4	8	24	32	25	9
Business Studies	18,705	75	4	11	25	28	24	10
Chemistry	9,892	76	4	12	26	28	19	12
Community & Family Studies	9,099	76	4	6	30	36	20	6
Dance	777	84	5	17	52	23	8	1
Design & Technology	3,783	79	4	12	35	31	17	4
Drama	3,324	82	5	22	39	28	11	1
Earth & Environmental Science	2,553	74	4	7	26	27	22	12
Economics	5,515	79	4	13	35	28	16	6
Engineering Studies	2,557	74	4	9	21	39	27	4
English Studies Exam	1,230	59	2		<1	9	36	39
English Standard	31,696	71	4	<1	13	47	30	9
English Advanced	25,102	83	5	14	53	28	4	1
English EAL/D	1,204	71	4	5	17	32	25	15
English Extension 1	3,671	44	E3			41	54	5
English Extension 2	1,408	42	E3			29	57	14
Food Technology	3,743	74	4	7	23	35	24	9
Geography	4,025	78	4	10	32	36	15	5
Industrial Technology	5,808	71	4	8	16	31	31	12
Information Processes & Technology	1,739	73	4	7	25	27	23	13
Investigating Science	2,875	76	4	7	27	37	21	7
Legal Studies	10,244	77	4	14	29	27	21	7
Mathematics Standard 1 Exam	1,608	72	4	3	18	40	30	7
Mathematics Standard 2	30,805	73	4	9	22	26	24	14
Mathematics Advanced	16,428	79	4	22	27	26	18	6
Mathematics Extension 1	8,390	82	E3			34	38	24
Mathematics Extension 2	3,273	86	E3			38	48	13
Modern History	10,456	75	4	10	25	29	20	12
History Extension	1,730	41	E3			26	59	13
Music 1	4,380	84	5	23	46	21	8	1
Music 2	727	87	5	35	50	13	1	<1
Music Extension	386	47	E4			70	25	4

Table A2 Distributions of 2023 HSC marks by course

Course	Number	Median HSC mark	Median Band	Percentage students in Performance Band				
				6	5	4	3	2
PDH&PE	16,873	74	4	6	25	33	26	9
Physics	7,921	76	4	13	26	29	22	10
Science Extension	794	38	E3			7	71	21
Society & Culture	5,040	78	4	12	33	35	15	4
Software Design & Development	1,648	75	4	12	23	30	23	9
Studies of Religion I	8,239	39	4	14	35	36	13	3
Studies of Religion II	5,734	79	4	11	35	36	13	4
Textiles & Design	1,401	80	5	17	35	27	16	5
Visual Arts	8,631	83	5	19	47	26	8	1
Arabic Continuers	192	82	5	17	43	32	6	2
Arabic Extension	59	42	E3			34	59	7
Armenian Continuers	22	86	5	32	50	14		5
Chinese Beginners	34	86	5	32	32	18	9	9
Chinese Continuers	193	87	5	41	29	20	5	4
Chinese Extension	52	45	E4			69	29	2
Chinese & Literature	261	85	5	21	50	26	2	1
Chinese in Context	128	92	6	64	30	5	1	1
Classical Greek Continuers	19	89	5	47	32	16	5	
Classical Hebrew Continuers	15	79	4	40	7	33	7	13
French Beginners	298	77	4	21	22	27	20	7
French Continuers	511	82	5	25	33	34	6	1
French Extension	113	40	E3			18	66	16
German Beginners	77	81	5	29	22	23	14	12
German Continuers	162	81	5	27	30	32	10	
German Extension	39	45	E4			62	36	3
Hindi Continuers	29	90	6	55	38		7	
Hungarian Continuers	13	89	5	46	38	8	8	
Indonesian Beginners	23	80	5	35	17	35	4	9
Indonesian Continuers	48	87	5	35	38	19	6	2
Italian Beginners	232	79	4	20	28	28	13	7
Italian Continuers	167	84	5	26	38	22	13	1
Italian Extension	30	45	E4			53	47	
Japanese Beginners	525	74	4	11	26	22	18	14
Japanese Continuers	659	81	5	23	32	23	14	6
Japanese Extension	145	45	E4			50	38	11
Japanese in Context	51	88	5	35	55	10		
Khmer Continuers	12	88	5	33	58	8		
Korean Beginners	129	82	5	22	36	29	9	2
Korean Continuers	13	84	5	38	31	15	8	8
Korean & Literature	29	89	5	48	48	3		
Korean in Context	56	93	6	66	27	7		
Latin Continuers	160	89	5	46	38	11	5	
Latin Extension	92	46	E4			82	16	2

Table A2   Distributions of 2023 HSC marks by course

Course	Number	Median HSC mark	Median Band	Percentage students in Performance Band				
				6	5	4	3	2
Macedonian Continuers	11	71	4	27	9	18	45	
Modern Greek Beginners	86	88	5	45	27	17	2	6
Modern Greek Continuers	67	88	5	46	28	24	1	
Modern Greek Extension	23	44	E3			43	52	4
Modern Hebrew Continuers	17	96	6	94	6			
Persian Continuers	24	89	5	46	38	13		4
Polish Continuers	14	95	6	86	14			
Portuguese Continuers	18	85	5	28	39	22	11	
Punjabi Continuers	23	82	5	26	30	4	30	9
Russian Continuers	27	92	6	63	33	4		
Serbian Continuers	27	91	6	59	33	7		
Spanish Beginners	192	81	5	23	33	26	10	5
Spanish Continuers	128	83	5	21	39	30	9	1
Spanish Extension	31	45	E4			58	42	
Swedish Continuers	13	89	5	46	54			
Tamil Continuers	42	91	6	62	38			
Turkish Continuers	34	86	5	44	21	26	9	
Vietnamese Continuers	110	79	4	5	40	47	6	
Automotive Exam	229	68	3	3	15	24	38	18
Business Services Exam	1,032	76	4	2	25	48	18	6
Construction Exam	1,551	78	4	5	38	33	20	3
Electrotechnology Exam	251	71	4	3	13	40	34	9
Entertainment Industry Exam	691	78	4	15	30	33	15	6
Financial Services Exam	81	73	4	7	25	33	23	11
Hospitality Exam	4,424	75	4	6	26	40	23	5
Human Services Exam	652	73	4	2	16	47	29	5
Information & Digital Technology Exam	366	76	4	7	29	40	22	1
Primary Industries Exam	498	75	4	2	24	43	27	3
Retail Services Exam	751	71	4	2	14	38	31	13
Tourism, Travel & Events Exam	67	77	4	3	27	54	13	3

Table A3   Descriptive statistics and selected percentiles for HSC marks and scaled marks by course

Notes: (i)   The **Number** column shows the number of students who completed the course in 2023.
   (ii)   The P_{99}, P_{90}, P_{75}, P_{50}, P_{25} columns refer to the 99th, 90th, 75th, 50th and 25th percentiles respectively.
  (iii)   The table excludes courses with less than 10 students completing the course in the current year, or if the group of students completing the course in the current year are collectively undertaking less than 25 other ATAR courses in the current year. No percentile data are given for courses with less than 40 students.
  (iv)   This table should not be used as a simple HSC to scaled mark conversion table. For each HSC mark there can be a range of raw marks and therefore a range of scaled marks.

Course	Number	Type of mark	Mean	SD	Max. mark	P_{99}	P_{90}	P_{75}	P_{50}	P_{25}
Aboriginal Studies	781	HSC	36.3	7.9	49.5	48.5	45.5	42.0	37.5	31.5
		Scaled	15.7	12.4	45.8	43.5	35.3	24.6	12.8	4.8
Agriculture	1,417	HSC	36.1	6.8	49.5	48.0	45.0	41.0	36.5	32.0
		Scaled	18.9	11.4	45.8	42.5	35.7	27.6	18.1	9.1
Ancient History	6,682	HSC	35.9	7.2	50.0	48.0	44.5	41.0	37.0	31.5
		Scaled	23.0	11.1	49.5	45.1	38.3	31.5	22.9	14.0
Biology	19,382	HSC	36.8	5.6	49.0	47.0	44.5	41.0	37.0	33.0
		Scaled	26.0	10.5	50.0	45.8	39.9	34.2	26.3	17.9
Business Studies	18,705	HSC	37.1	6.1	49.5	48.0	45.0	42.0	37.5	33.0
		Scaled	23.6	11.0	49.6	45.0	38.6	32.5	23.5	14.6
Chemistry	9,892	HSC	37.2	6.3	50.0	48.5	45.5	42.0	38.0	32.5
		Scaled	31.7	10.0	50.0	47.4	43.7	39.7	33.3	24.6
Community & Family Studies	9,099	HSC	37.4	5.2	49.0	47.0	44.0	41.0	38.0	34.0
		Scaled	18.6	10.7	44.3	41.1	34.1	26.9	17.7	9.7
Dance	777	HSC	41.3	4.2	50.0	49.0	46.0	44.0	42.0	38.5
		Scaled	23.8	11.2	47.4	45.4	38.6	32.6	24.0	15.0
Design & Technology	3,783	HSC	38.8	5.3	49.5	48.0	45.5	42.5	39.5	35.5
		Scaled	22.8	10.6	48.4	46.1	37.5	30.6	22.3	14.6
Drama	3,324	HSC	40.8	4.7	50.0	49.0	46.5	44.5	41.0	37.5
		Scaled	24.2	11.2	50.0	47.0	40.0	32.8	23.7	15.5
Earth & Environmental Science	2,553	HSC	36.1	6.7	48.5	47.5	44.0	41.0	37.0	32.0
		Scaled	22.5	11.3	48.5	45.1	37.7	31.3	22.2	13.6
Economics	5,515	HSC	38.6	6.0	49.5	47.5	45.0	43.0	39.5	35.0
		Scaled	31.2	9.8	50.0	46.5	42.5	38.9	32.8	25.0
Engineering Studies	2,557	HSC	37.3	4.9	49.5	48.0	44.5	40.5	37.0	34.0
		Scaled	26.2	9.5	48.8	45.5	39.3	33.2	26.2	19.5
English Studies Exam	1,230	HSC	28.0	6.6	43.5	38.0	34.5	32.0	29.0	26.0
		Scaled	9.3	5.9	39.0	25.6	16.7	13.1	8.3	4.7
English Standard	31,696	HSC	35.3	4.4	47.5	43.5	40.5	38.0	35.5	32.5
		Scaled	19.9	8.2	46.7	38.9	30.9	25.6	19.5	13.8
English Advanced	25,102	HSC	41.1	3.5	49.5	47.5	45.5	43.5	41.5	39.0
		Scaled	32.6	8.1	50.0	46.7	42.4	38.7	33.5	27.5
English EAL/D	1,204	HSC	34.6	7.1	49.5	47.5	43.0	39.0	35.5	30.5
		Scaled	20.6	11.7	48.8	45.9	37.9	28.5	19.2	11.0
English Extension 1	3,671	HSC	42.6	4.4	50.0	49.0	47.0	46.0	44.0	40.0
		Scaled	36.3	6.4	50.0	47.3	43.7	40.8	37.3	32.8
English Extension 2	1,408	HSC	40.7	5.6	50.0	49.0	47.0	45.0	42.0	37.0
		Scaled	36.3	6.6	50.0	47.9	44.6	41.1	36.8	32.2

Table A3   Descriptive statistics and selected percentiles for HSC marks and scaled marks by course

Course	Number	Type of mark	Mean	SD	Max. mark	P_{99}	P_{90}	P_{75}	P_{50}	P_{25}
Food Technology	3,743	HSC	36.7	5.7	49.0	47.0	44.0	40.5	37.0	33.0
		Scaled	18.6	11.1	45.3	42.0	34.8	27.3	17.3	8.9
Geography	4,025	HSC	38.2	5.7	48.5	47.5	44.5	42.0	39.0	35.5
		Scaled	25.8	11.0	50.0	46.4	39.9	34.4	26.6	17.7
Industrial Technology	5,808	HSC	35.7	5.8	49.5	48.0	43.5	39.5	35.5	32.0
		Scaled	17.5	10.5	42.7	40.1	32.9	25.3	16.0	8.7
Information Processes & Technology	1,739	HSC	35.6	7.1	48.5	47.0	44.0	41.0	36.5	31.0
		Scaled	23.1	11.2	49.5	45.6	38.3	31.6	23.0	14.4
Investigating Science	2,875	HSC	37.3	5.5	48.5	47.0	44.0	41.0	38.0	34.0
		Scaled	20.1	11.0	46.8	43.7	35.5	28.5	19.6	11.3
Legal Studies	10,244	HSC	37.8	6.2	49.5	48.0	45.5	42.5	38.5	33.5
		Scaled	25.1	11.1	50.0	46.2	39.9	33.7	25.3	16.0
Mathematics Standard 1 Exam	1,608	HSC	36.0	5.3	49.5	46.5	42.5	39.5	36.0	33.0
		Scaled	13.5	8.8	35.1	32.8	26.5	20.2	11.9	6.0
Mathematics Standard 2	30,805	HSC	36.1	6.6	50.0	48.5	44.5	41.0	36.5	31.5
		Scaled	22.3	10.7	46.4	43.3	37.2	30.9	21.9	13.7
Mathematics Advanced	16,428	HSC	39.2	6.2	50.0	49.5	47.0	44.5	39.5	35.0
		Scaled	31.8	9.4	50.0	47.8	43.7	39.3	32.7	25.3
Mathematics Extension 1	8,390	HSC	39.2	7.8	50.0	49.0	47.5	46.0	41.0	34.0
		Scaled	40.2	7.7	50.0	49.4	47.7	45.7	42.2	36.8
Mathematics Extension 2	3,273	HSC	41.3	6.0	49.5	48.5	47.0	46.0	43.0	38.0
		Scaled	44.3	5.0	50.0	49.6	48.6	47.5	45.8	42.9
Modern History	10,456	HSC	36.6	6.7	49.5	47.5	45.0	41.5	37.5	32.5
		Scaled	25.3	10.9	50.0	45.6	39.6	34.0	26.0	16.9
History Extension	1,730	HSC	40.2	5.9	49.0	48.0	47.0	45.0	41.0	37.0
		Scaled	33.5	7.6	50.0	47.0	42.7	38.9	33.9	28.6
Music 1	4,380	HSC	41.3	4.8	50.0	49.0	46.5	44.5	42.0	39.0
		Scaled	21.4	10.8	47.0	43.9	36.6	29.5	21.1	12.9
Music 2	727	HSC	43.3	3.4	50.0	49.0	47.5	46.0	43.5	41.0
		Scaled	34.1	8.5	50.0	48.6	44.7	40.7	34.9	27.7
Music Extension	386	HSC	45.4	4.5	50.0	50.0	50.0	49.0	47.0	43.0
		Scaled	35.8	9.5	50.0	50.0	47.4	44.3	36.7	29.2
PDH&PE	16,873	HSC	36.7	5.4	49.0	46.5	44.0	41.0	37.0	33.0
		Scaled	22.7	10.6	48.5	42.7	36.9	31.3	22.8	14.1
Physics	7,921	HSC	37.6	6.0	49.0	48.0	45.5	42.5	38.0	33.5
		Scaled	30.9	9.9	50.0	47.6	43.1	38.9	32.0	23.8
Science Extension	794	HSC	37.8	4.9	49.0	47.0	44.0	41.0	38.0	35.0
		Scaled	32.2	7.2	49.5	47.0	41.1	37.1	32.6	27.9
Society & Culture	5,040	HSC	38.8	5.2	49.5	48.0	45.0	42.5	39.0	35.5
		Scaled	23.4	10.6	48.7	45.1	37.9	31.4	23.2	15.3
Software Design & Development	1,648	HSC	37.1	6.4	49.5	48.5	45.5	42.0	37.5	33.0
		Scaled	26.4	10.9	50.0	47.8	41.5	34.8	26.5	18.0
Studies of Religion I	8,239	HSC	39.2	4.9	50.0	48.0	45.0	43.0	39.0	36.0
		Scaled	27.5	9.0	48.5	44.4	39.1	34.6	27.9	21.1

Table A3   Descriptive statistics and selected percentiles for HSC marks and scaled marks by course

Course	Number	Type of mark	Mean	SD	Max. mark	P$_{99}$	P$_{90}$	P$_{75}$	P$_{50}$	P$_{25}$
Studies of Religion II	5,734	HSC	38.9	5.0	49.5	47.5	45.0	42.5	39.5	36.0
		Scaled	27.7	9.8	50.0	45.4	40.2	35.4	28.3	21.0
Textiles & Design	1,401	HSC	39.2	5.6	49.5	48.5	46.0	43.5	40.0	35.5
		Scaled	23.0	11.1	48.7	45.0	38.5	31.3	23.2	13.9
Visual Arts	8,631	HSC	40.9	4.2	50.0	48.5	46.0	44.0	41.5	38.5
		Scaled	21.8	11.2	48.9	45.7	37.7	30.4	20.8	12.5
Arabic Continuers	192	HSC	40.7	4.4	49.0	48.0	46.0	43.5	41.0	38.5
		Scaled	19.2	11.9	48.0	45.5	37.6	27.6	16.8	10.1
Arabic Extension	59	HSC	41.5	4.7	50.0	50.0	46.0	45.0	42.0	38.0
		Scaled	25.2	9.5	48.2	48.2	37.0	31.8	24.3	17.2
Armenian Continuers	22	HSC	42.3	4.6	47.5					
		Scaled	20.6	13.8	50.0					
Chinese Beginners	34	HSC	41.1	6.1	49.5					
		Scaled	26.2	12.2	50.0					
Chinese Continuers	193	HSC	42.2	5.7	49.5	49.5	48.0	46.5	43.5	39.5
		Scaled	32.4	9.9	50.0	48.9	44.1	39.2	33.7	26.8
Chinese Extension	52	HSC	45.0	3.1	49.0	49.0	48.0	47.0	45.0	44.0
		Scaled	36.2	6.9	50.0	50.0	44.1	41.0	35.5	32.0
Chinese & Literature	261	HSC	41.8	3.6	48.5	47.5	46.0	44.5	42.5	39.5
		Scaled	24.4	10.2	48.9	45.6	37.9	31.8	24.5	15.9
Chinese in Context	128	HSC	44.8	3.2	49.0	49.0	48.0	47.0	46.0	43.5
		Scaled	31.0	9.3	50.0	49.1	42.2	36.8	32.8	25.1
Classical Greek Continuers	19	HSC	43.2	4.8	49.5					
		Scaled	40.2	8.1	50.0					
Classical Hebrew Continuers	15	HSC	39.8	6.1	46.5					
		Scaled	33.8	10.5	50.0					
French Beginners	298	HSC	38.2	6.9	49.5	49.0	47.0	44.0	38.0	33.5
		Scaled	24.8	10.9	49.2	47.3	39.7	33.5	24.3	16.6
French Continuers	511	HSC	41.0	4.5	49.0	48.5	46.5	45.0	41.0	38.0
		Scaled	34.0	8.1	50.0	48.4	43.9	40.2	34.8	28.3
French Extension	113	HSC	39.6	4.6	47.0	47.0	46.0	44.0	40.0	37.0
		Scaled	39.0	5.8	50.0	49.7	46.0	43.6	39.5	35.6
German Beginners	77	HSC	39.5	6.7	50.0	50.0	47.5	45.0	40.5	34.0
		Scaled	24.3	11.7	49.9	49.9	40.1	32.7	23.4	15.4
German Continuers	162	HSC	40.8	5.3	49.0	48.5	47.0	45.0	40.5	37.0
		Scaled	33.5	9.6	50.0	49.2	46.2	41.4	33.6	25.7
German Extension	39	HSC	43.9	3.8	49.0					
		Scaled	39.8	5.5	50.0					
Hindi Continuers	29	HSC	44.1	3.7	48.0					
		Scaled	24.2	13.6	50.0					
Indonesian Beginners	23	HSC	40.6	6.0	48.5					
		Scaled	25.4	8.9	42.5					
Indonesian Continuers	48	HSC	42.5	4.7	49.0	49.0	47.5	46.5	43.0	38.5
		Scaled	30.1	8.8	47.5	47.5	41.2	37.1	30.1	22.4

Table A3 Descriptive statistics and selected percentiles for HSC marks and scaled marks by course

Course	Number	Type of mark	Mean	SD	Max. mark	P_{99}	P_{90}	P_{75}	P_{50}	P_{25}
Italian Beginners	232	HSC	38.9	6.6	50.0	49.5	47.5	44.0	39.5	35.0
		Scaled	26.2	10.7	50.0	49.0	41.7	33.4	25.4	18.4
Italian Continuers	167	HSC	41.0	5.0	49.5	49.0	47.0	45.0	42.0	38.0
		Scaled	32.2	9.2	50.0	49.7	42.9	39.0	33.2	26.5
Italian Extension	30	HSC	44.4	3.0	49.0					
		Scaled	39.3	5.0	50.0					
Japanese Beginners	525	HSC	35.4	9.0	49.5	48.0	45.5	42.0	37.0	30.0
		Scaled	23.4	11.8	48.2	43.7	38.2	33.4	24.4	13.5
Japanese Continuers	659	HSC	39.6	6.1	49.5	48.5	46.5	44.5	40.5	36.0
		Scaled	30.8	10.0	50.0	47.2	43.0	38.9	32.1	23.9
Japanese Extension	145	HSC	42.3	5.6	49.0	49.0	48.0	47.0	45.0	39.0
		Scaled	37.2	6.5	50.0	48.0	44.7	42.2	38.0	33.2
Japanese in Context	51	HSC	43.5	2.6	46.5	46.5	45.5	45.0	44.0	42.5
		Scaled	28.8	10.5	48.8	48.8	40.0	35.7	29.6	21.7
Khmer Continuers	12	HSC	43.4	2.4	47.0					
		Scaled	15.8	10.2	36.9					
Korean Beginners	129	HSC	40.3	5.2	49.0	49.0	47.0	44.0	41.0	37.0
		Scaled	25.9	9.4	45.9	44.3	39.2	32.3	26.4	19.3
Korean Continuers	13	HSC	41.3	6.2	48.5					
		Scaled	25.0	9.0	40.9					
Korean & Literature	29	HSC	44.1	2.7	48.0					
		Scaled	26.3	12.5	50.0					
Korean in Context	56	HSC	45.1	3.2	49.0	49.0	48.0	47.0	46.5	43.5
		Scaled	29.2	8.8	48.4	48.4	40.5	34.5	30.6	22.0
Latin Continuers	160	HSC	43.5	3.8	49.5	49.0	48.0	46.0	44.5	41.5
		Scaled	41.2	6.4	50.0	49.7	48.1	45.8	42.6	38.4
Latin Extension	92	HSC	45.9	3.1	50.0	50.0	49.0	48.0	46.0	45.0
		Scaled	42.2	6.0	50.0	50.0	47.8	45.9	43.2	39.9
Macedonian Continuers	11	HSC	37.7	6.2	47.0					
		Scaled	25.4	14.6	50.0					
Modern Greek Beginners	86	HSC	41.9	6.9	49.5	49.5	48.0	47.0	43.5	39.0
		Scaled	25.5	10.8	48.7	48.7	38.5	34.1	25.5	17.9
Modern Greek Continuers	67	HSC	43.4	4.2	49.5	49.5	48.5	47.5	44.0	39.5
		Scaled	28.1	9.8	48.6	48.6	42.0	37.3	26.7	19.7
Modern Greek Extension	23	HSC	43.1	5.0	50.0					
		Scaled	34.5	7.6	49.5					
Modern Hebrew Continuers	17	HSC	47.2	2.1	49.5					
		Scaled	34.9	10.3	50.0					
Persian Continuers	24	HSC	43.3	4.8	49.0					
		Scaled	15.9	11.4	41.5					
Polish Continuers	14	HSC	46.9	1.6	49.0					
		Scaled	26.4	9.2	42.6					
Portuguese Continuers	18	HSC	41.4	4.3	46.5					
		Scaled	26.6	11.9	47.2					

Table A3 Descriptive statistics and selected percentiles for HSC marks and scaled marks by course

Course	Number	Type of mark	Mean	SD	Max. mark	P_{99}	P_{90}	P_{75}	P_{50}	P_{25}
Punjabi Continuers	23	HSC	38.9	6.3	46.0					
		Scaled	24.0	15.4	49.5					
Russian Continuers	27	HSC	45.6	2.5	50.0					
		Scaled	28.9	9.7	50.0					
Serbian Continuers	27	HSC	44.6	3.2	49.5					
		Scaled	20.9	10.7	46.3					
Spanish Beginners	192	HSC	39.3	7.6	49.0	49.0	47.0	44.5	40.5	36.0
		Scaled	25.8	12.7	50.0	50.0	42.2	35.4	26.1	16.6
Spanish Continuers	128	HSC	41.0	4.5	50.0	49.0	46.5	44.5	41.5	38.0
		Scaled	26.8	10.1	48.8	45.6	40.3	34.5	26.3	20.3
Spanish Extension	31	HSC	44.8	2.8	48.0					
		Scaled	31.6	7.7	46.4					
Turkish Continuers	34	HSC	41.9	5.0	48.5					
		Scaled	25.3	12.9	50.0					
Vietnamese Continuers	110	HSC	39.4	3.9	48.5	46.5	44.0	42.0	39.5	37.5
		Scaled	19.7	10.0	44.2	42.1	33.8	27.2	18.3	12.2
Automotive Exam	229	HSC	34.1	5.7	47.5	47.0	42.0	37.0	34.0	30.5
		Scaled	15.1	8.5	36.0	35.6	28.4	19.7	13.9	8.8
Business Services Exam	1,032	HSC	37.2	4.4	48.5	46.5	42.5	40.0	38.0	34.5
		Scaled	19.5	10.1	43.7	42.2	33.7	26.8	19.5	11.3
Construction Exam	1,551	HSC	38.4	4.7	49.5	47.0	44.0	42.0	39.0	35.5
		Scaled	16.2	10.0	40.6	37.8	30.5	24.1	14.9	7.8
Electrotechnology Exam	251	HSC	35.5	4.6	48.5	46.5	41.5	38.0	35.5	32.5
		Scaled	17.9	8.3	38.3	36.9	29.6	23.0	16.8	11.7
Entertainment Industry Exam	691	HSC	38.6	5.5	48.5	47.5	45.5	43.0	39.0	35.0
		Scaled	21.3	10.0	45.6	43.3	35.3	29.1	20.5	13.4
Financial Services Exam	81	HSC	37.0	5.1	48.0	48.0	44.0	41.5	36.5	34.0
		Scaled	23.0	10.1	46.1	46.1	37.8	31.6	21.0	16.3
Hospitality Exam	4,424	HSC	37.4	4.8	49.5	46.5	43.0	40.5	37.5	34.5
		Scaled	19.0	10.3	44.2	41.4	33.0	26.0	17.7	11.1
Human Services Exam	652	HSC	36.4	4.1	49.0	46.5	42.0	39.0	36.5	33.5
		Scaled	19.2	9.3	41.9	39.8	32.6	26.5	19.3	11.7
Information & Digital Technology Exam	366	HSC	38.1	4.3	48.0	46.5	44.0	41.5	38.0	35.0
		Scaled	20.8	9.2	43.1	40.3	34.1	28.3	19.7	13.5
Primary Industries Exam	498	HSC	37.2	4.1	47.0	45.5	42.5	40.0	37.5	34.5
		Scaled	16.1	9.7	39.7	38.2	30.6	22.6	15.3	8.5
Retail Services Exam	751	HSC	35.1	5.0	47.5	45.5	41.0	38.5	35.5	32.0
		Scaled	16.4	10.8	42.8	40.8	31.9	24.0	14.6	7.2
Tourism, Travel & Events Exam	67	HSC	38.1	3.8	45.5	45.5	43.0	40.5	38.5	36.0
		Scaled	20.5	11.0	46.3	46.3	36.8	27.2	19.5	12.6

Table A4 Distributions of HSC marks by course: 2022 and 2023

Notes: (i)   The **Number** column shows the number of students who completed the course in the given year.

(ii) **Columns 45, 40, 35, 30 and 25** show the percentage of the course candidature with an HSC mark less than the specified mark.

(iii) The table excludes courses with less than 40 students in either year.

Course	Year	Number	Percentage of students with HSC mark less than:				
			45	40	35	30	25
Aboriginal Studies	2023	781	87.2	61.7	37.4	18.7	7.0
	2022	737	84.8	65.0	41.1	18.7	4.7
Agriculture	2023	1,417	89.6	69.2	42.3	14.6	4.0
	2022	1,464	92.1	73.9	46.7	17.3	4.4
Ancient History	2023	6,682	90.7	67.3	39.0	19.0	5.7
	2022	6,336	91.5	66.1	36.3	16.5	5.7
Biology	2023	19,382	91.7	68.0	36.1	10.6	1.5
	2022	18,891	93.6	73.2	46.7	20.3	4.2
Business Studies	2023	18,705	88.6	63.9	35.9	11.8	2.0
	2022	17,950	89.5	65.1	35.1	9.7	1.4
Chemistry	2023	9,892	87.6	61.7	33.7	14.3	1.8
	2022	9,929	90.8	66.8	36.0	15.4	4.1
Community & Family Studies	2023	9,099	94.2	64.1	27.9	7.8	1.5
	2022	8,964	94.2	67.1	25.5	5.3	0.7
Dance	2023	777	83.1	31.1	8.4	0.6	0.1
	2022	840	80.7	33.6	8.0	0.4	
Design & Technology	2023	3,783	87.8	52.7	22.0	5.0	1.1
	2022	3,622	87.2	52.9	18.0	3.6	0.7
Drama	2023	3,324	78.5	39.7	11.8	1.1	0.1
	2022	3,231	79.4	41.4	12.1	1.5	0.1
Earth & Environmental Science	2023	2,553	92.6	66.3	39.2	16.8	4.9
	2022	2,224	94.5	67.9	31.5	8.7	0.7
Economics	2023	5,515	86.9	51.5	23.4	7.7	2.2
	2022	5,378	85.5	50.6	24.1	6.9	0.8
Engineering Studies	2023	2,557	91.2	70.6	31.3	4.8	0.3
	2022	2,346	91.1	70.0	37.9	14.0	1.5
English Studies Exam	2023	1,230	100.0	99.6	90.4	54.2	14.9
	2022	1,273	100.0	99.6	92.5	65.4	11.0
English Standard	2023	31,696	99.7	86.8	40.3	10.3	1.6
	2022	30,643	99.4	84.5	44.3	12.0	1.3
English Advanced	2023	25,102	86.2	32.8	4.7	0.6	0.1
	2022	24,661	85.5	32.8	6.8	0.9	
English EAL/D	2023	1,204	95.0	78.2	46.5	22.0	6.6
	2022	1,487	96.4	81.2	53.9	26.2	8.7
English Extension 1	2023	3,671	59.1	21.0	5.6	1.3	0.3
	2022	3,427	60.4	25.5	7.4	1.6	0.3
English Extension 2	2023	1,408	71.2	35.7	14.3	4.5	0.7
	2022	1,242	70.5	39.9	15.0	4.5	1.0
Food Technology	2023	3,743	93.2	69.8	35.1	11.3	2.1
	2022	3,639	91.2	69.7	42.7	13.4	3.8

Table A4   Distributions of HSC marks by course: 2022 and 2023

Course	Year	Number	Percentage of students with HSC mark less than:				
			45	40	35	30	25
Geography	2023	4,025	90.1	58.1	22.3	7.2	2.2
	2022	4,053	89.2	57.7	27.0	10.0	2.6
Industrial Technology	2023	5,808	92.4	76.3	45.5	14.2	2.2
	2022	5,673	92.4	78.1	49.1	13.4	2.1
Information Processes & Technology	2023	1,739	93.2	68.4	41.7	19.0	6.0
	2022	1,808	94.2	72.1	35.3	15.2	3.5
Investigating Science	2023	2,875	92.6	65.7	28.7	8.2	1.7
	2022	2,695	95.6	74.6	37.0	14.0	4.6
Legal Studies	2023	10,244	86.0	57.5	30.5	9.7	2.8
	2022	10,225	85.4	59.0	33.8	15.2	5.2
Mathematics Standard 1 Exam	2023	1,608	96.7	78.5	38.1	8.4	1.7
	2022	1,410	96.1	73.5	35.1	12.2	2.4
Mathematics Standard 2	2023	30,805	90.8	68.4	42.1	17.7	3.5
	2022	29,874	92.6	70.9	45.9	18.2	3.5
Mathematics Advanced	2023	16,428	77.7	50.2	24.6	6.9	1.3
	2022	16,865	77.4	51.0	23.6	5.5	0.9
Mathematics Extension 1	2023	8,390	65.7	45.7	28.1	11.2	4.1
	2022	8,679	65.2	44.1	26.4	13.0	6.0
Mathematics Extension 2	2023	3,273	62.2	31.9	14.2	5.4	1.4
	2022	3,271	60.4	32.7	14.9	8.1	3.9
Modern History	2023	10,456	89.7	64.9	35.8	15.6	3.9
	2022	10,153	90.2	65.6	32.1	11.2	2.6
History Extension	2023	1,730	73.6	36.4	14.7	6.0	1.6
	2022	1,532	74.6	39.8	16.3	6.5	2.1
Music 1	2023	4,380	77.4	31.0	10.2	2.0	0.7
	2022	4,263	78.3	30.4	10.5	1.9	0.4
Music 2	2023	727	65.2	14.7	1.2	0.1	
	2022	684	66.1	13.9	0.9		
Music Extension	2023	386	29.5	12.2	4.1		
	2022	353	23.8	9.1	2.5	0.3	
PDH&PE	2023	16,873	93.6	69.0	36.5	10.4	1.4
	2022	15,883	94.8	73.9	49.7	20.1	3.2
Physics	2023	7,921	86.9	61.1	32.5	10.9	1.1
	2022	7,633	87.6	58.5	32.0	13.2	4.0
Science Extension	2023	794	92.8	61.2	22.0	6.4	1.1
	2022	658	91.8	61.9	21.3	5.0	0.6
Society & Culture	2023	5,040	88.4	55.1	19.8	5.1	0.9
	2022	4,614	89.0	56.5	24.7	6.9	1.5
Software Design & Development	2023	1,648	87.9	64.7	34.8	12.1	2.8
	2022	1,806	86.2	62.0	30.4	13.1	2.8
Studies of Religion I	2023	8,239	86.1	51.4	15.9	3.2	0.6
	2022	8,433	89.6	59.1	19.8	4.0	0.6
Studies of Religion II	2023	5,734	89.2	53.8	17.7	5.0	1.1
	2022	6,091	89.9	53.5	20.5	6.8	1.5

Table A4 Distributions of HSC marks by course: 2022 and 2023

Course	Year	Number	Percentage of students with HSC mark less than:				
			45	40	35	30	25
Textiles & Design	2023	1,401	83.4	48.5	21.4	5.8	1.0
	2022	1,485	83.0	45.7	20.6	6.7	1.3
Visual Arts	2023	8,631	81.5	34.4	8.7	1.0	0.1
	2022	8,177	83.5	34.2	8.1	1.4	0.2
Arabic Continuers	2023	192	83.3	40.1	7.8	2.1	0.5
	2022	294	84.4	36.4	8.8	2.0	1.0
Arabic Extension	2023	59	66.1	30.5	6.8	1.7	
	2022	70	84.3	37.1	10.0	1.4	1.4
Chinese Continuers	2023	193	58.5	29.5	9.8	5.2	1.0
	2022	207	58.9	24.6	6.3	0.5	
Chinese Extension	2023	52	30.8	5.8	1.9		
	2022	61	41.0	3.3	1.6		
Chinese & Literature	2023	261	78.5	28.4	2.7	1.1	
	2022	330	76.1	28.5	6.7	1.2	0.3
Chinese in Context	2023	128	35.9	6.3	1.6	0.8	
	2022	152	39.5	11.2	4.6	3.3	1.3
French Beginners	2023	298	78.5	56.7	30.2	9.7	2.3
	2022	323	77.4	57.3	36.5	10.5	2.2
French Continuers	2023	511	74.6	41.1	7.2	1.0	0.2
	2022	514	73.9	42.2	15.0	4.3	1.2
French Extension	2023	113	82.3	46.0	15.9	1.8	
	2022	98	86.7	40.8	13.3	3.1	
German Beginners	2023	77	71.4	49.4	26.0	11.7	
	2022	91	67.0	41.8	28.6	9.9	
German Continuers	2023	162	73.5	43.2	11.1	0.6	0.6
	2022	143	73.4	43.4	15.4	4.2	
Indonesian Continuers	2023	48	64.6	27.1	8.3	2.1	
	2022	45	60.0	26.7	11.1	4.4	
Italian Beginners	2023	232	80.2	52.2	23.7	10.3	3.0
	2022	282	77.0	54.3	28.7	12.8	4.3
Italian Continuers	2023	167	73.7	35.3	13.8	1.2	
	2022	181	79.0	44.8	9.9	3.3	0.6
Japanese Beginners	2023	525	88.8	62.7	41.1	23.6	9.1
	2022	636	90.3	67.9	44.2	25.8	7.5
Japanese Continuers	2023	659	76.8	44.3	21.2	7.7	1.5
	2022	746	76.1	42.4	19.4	5.1	2.0
Japanese Extension	2023	145	49.7	26.9	11.7	1.4	0.7
	2022	161	54.7	25.5	9.3	3.1	0.6
Japanese in Context	2023	51	64.7	9.8			
	2022	44	56.8	11.4	2.3		
Korean Beginners	2023	129	78.3	42.6	13.2	3.9	1.6
	2022	110	73.6	43.6	19.1	4.5	0.9
Korean in Context	2023	56	33.9	7.1			
	2022	51	37.3	15.7	3.9		

Table A4   Distributions of HSC marks by course: 2022 and 2023

Course	Year	Number	Percentage of students with HSC mark less than:				
			45	40	35	30	25
Latin Continuers	2023	160	54.4	16.3	5.0		
	2022	141	61.7	25.5	7.1	2.8	0.7
Latin Extension	2023	92	18.5	5.4	2.2		
	2022	83	21.7	9.6	4.8	1.2	1.2
Modern Greek Beginners	2023	86	54.7	27.9	10.5	8.1	2.3
	2022	75	48.0	16.0	8.0	2.7	
Modern Greek Continuers	2023	67	53.7	25.4	1.5		
	2022	80	61.3	23.8	5.0	3.8	
Spanish Beginners	2023	192	76.6	43.8	17.7	7.8	3.1
	2022	237	76.4	49.8	19.8	2.1	0.8
Spanish Continuers	2023	128	78.9	39.8	10.2	0.8	
	2022	148	85.1	41.9	14.9	0.7	
Tamil Continuers	2023	42	38.1				
	2022	48	25.0				
Vietnamese Continuers	2023	110	94.5	54.5	7.3	0.9	0.9
	2022	155	92.3	50.3	15.5	5.8	1.3
Automotive Exam	2023	229	97.4	82.5	59.0	21.4	3.5
	2022	211	95.7	90.0	55.0	14.7	4.3
Business Services Exam	2023	1,032	97.6	73.0	25.1	6.7	0.7
	2022	1,176	97.1	68.2	32.1	8.3	0.5
Construction Exam	2023	1,551	94.6	56.5	23.3	3.7	0.3
	2022	1,709	92.3	58.9	23.5	3.1	0.3
Electrotechnology Exam	2023	251	96.8	84.1	43.8	9.6	0.8
	2022	236	98.3	91.1	67.4	35.6	6.8
Entertainment Industry Exam	2023	691	85.2	55.6	22.1	6.9	1.3
	2022	651	80.5	52.8	19.0	3.8	0.3
Financial Services Exam	2023	81	92.6	67.9	34.6	11.1	
	2022	77	97.4	77.9	46.8	5.2	1.3
Hospitality Exam	2023	4,424	94.1	68.1	28.1	5.6	0.9
	2022	4,300	94.1	60.3	24.1	6.1	0.5
Human Services Exam	2023	652	97.9	81.6	34.7	5.2	0.2
	2022	599	99.0	87.3	35.7	3.0	0.2
Information & Digital Technology Exam	2023	366	93.4	64.5	24.3	1.9	0.5
	2022	383	99.5	79.1	33.4	8.1	1.3
Primary Industries Exam	2023	498	97.6	73.5	30.1	3.2	0.2
	2022	549	96.9	70.9	29.3	4.6	0.4
Retail Services Exam	2023	751	97.7	83.6	45.4	14.8	2.0
	2022	745	99.9	90.3	50.2	11.0	1.2
Tourism, Travel & Events Exam	2023	67	97.0	70.1	16.4	3.0	
	2022	79	96.2	74.7	45.6	8.9	1.3

Table A5 Distributions of scaled marks by course: 2022 and 2023

Notes: (i) The **Number** column shows the number of students who completed the course in the given year.

(ii) **Columns 45, 40, 35, 30, 25, 20 and 15** show the percentage of the course candidature with a scaled mark less than the specified mark.

(iii) The table excludes courses with less than 40 students in either year.

Course	Year	Number	Percentage of students with scaled mark less than:						
			45	40	35	30	25	20	15
Aboriginal Studies	2023	781	99.6	95.9	89.5	82.1	75.8	66.6	55.2
	2022	737	99.2	92.8	87.4	81.3	76.4	69.3	55.9
Agriculture	2023	1,417	99.7	96.8	88.6	79.9	68.2	56.4	42.8
	2022	1,464	99.3	95.0	87.2	76.6	66.3	54.2	39.1
Ancient History	2023	6,682	99.0	93.1	83.0	70.9	56.4	41.6	27.7
	2022	6,336	98.9	93.3	83.9	70.7	56.3	40.8	26.8
Biology	2023	19,382	98.3	90.2	77.3	61.8	46.3	31.2	17.5
	2022	18,891	99.0	91.6	77.8	61.6	45.6	29.9	16.1
Business Studies	2023	18,705	99.0	92.4	81.5	68.0	54.2	40.2	26.1
	2022	17,950	99.2	92.3	81.8	68.9	55.7	41.3	25.7
Chemistry	2023	9,892	94.4	76.4	56.2	39.2	25.9	15.5	7.6
	2022	9,929	94.5	77.0	56.0	38.4	24.7	14.8	7.3
Community & Family Studies	2023	9,099	100.0	98.2	91.4	81.9	70.3	56.9	41.6
	2022	8,964	100.0	97.8	91.5	82.5	72.7	59.0	42.8
Dance	2023	777	98.8	92.4	81.2	66.8	53.4	38.1	25.6
	2022	840	97.7	90.5	78.6	66.4	52.9	36.0	21.8
Design & Technology	2023	3,783	98.3	93.7	85.5	73.9	58.4	42.2	26.1
	2022	3,622	98.8	94.1	85.4	73.9	59.0	42.8	25.7
Drama	2023	3,324	96.9	90.2	79.7	68.0	53.6	39.5	23.9
	2022	3,231	97.2	90.7	81.2	68.3	54.9	39.4	24.3
Earth & Environmental Science	2023	2,553	99.0	93.6	83.7	71.3	57.9	43.6	29.3
	2022	2,224	99.7	95.4	85.9	72.7	57.5	42.4	27.2
Economics	2023	5,515	96.6	80.4	59.0	39.9	24.8	14.7	7.8
	2022	5,378	95.6	79.2	58.0	40.0	25.3	14.5	7.0
Engineering Studies	2023	2,557	98.7	91.4	80.4	64.2	45.3	26.9	13.9
	2022	2,346	98.4	91.9	79.3	63.2	44.5	29.3	14.6
English Studies Exam	2023	1,230		100.0	99.8	99.6	98.9	95.9	82.8
	2022	1,273		100.0	99.8	99.6	99.1	94.5	83.7
English Standard	2023	31,696	100.0	99.4	96.2	87.9	72.9	52.2	29.6
	2022	30,643	100.0	99.1	95.7	87.0	72.3	51.3	29.2
English Advanced	2023	25,102	96.8	80.8	57.1	34.5	17.7	7.8	2.7
	2022	24,661	97.1	81.9	58.8	36.6	19.8	9.0	3.1
English EAL/D	2023	1,204	98.2	93.6	85.5	77.7	63.8	52.3	36.5
	2022	1,487	98.5	93.5	86.1	78.1	65.8	53.1	38.4
English Extension 1	2023	3,671	94.7	69.2	36.3	14.9	5.5	2.0	0.8
	2022	3,427	93.5	67.9	37.9	16.5	6.4	2.5	0.8
English Extension 2	2023	1,408	90.7	70.0	38.9	17.6	6.0	1.4	0.3
	2022	1,242	91.9	69.4	42.7	18.6	7.3	2.4	0.6

Table A5 Distributions of scaled marks by course: 2022 and 2023

Course	Year	Number	Percentage of students with scaled mark less than:						
			45	40	35	30	25	20	15
Food Technology	2023	3,743	99.9	97.4	90.3	80.8	70.3	57.4	43.6
	2022	3,639	99.9	95.5	87.5	78.5	69.1	57.7	44.1
Geography	2023	4,025	97.9	90.3	77.0	60.8	44.5	31.2	18.8
	2022	4,053	98.6	91.4	77.9	62.9	46.4	31.7	19.8
Industrial Technology	2023	5,808	100.0	98.7	92.9	84.6	74.4	61.0	46.7
	2022	5,673	100.0	99.5	93.9	85.7	74.0	60.9	45.0
Information Processes & Technology	2023	1,739	98.7	93.4	83.2	70.2	55.7	42.3	27.1
	2022	1,808	99.1	94.0	85.1	73.3	60.0	42.5	27.8
Investigating Science	2023	2,875	99.7	96.4	88.8	78.2	66.6	51.1	36.4
	2022	2,695	99.9	98.0	91.6	81.5	67.9	52.7	38.8
Legal Studies	2023	10,244	98.1	90.2	78.1	63.5	48.8	35.0	22.3
	2022	10,225	98.9	91.1	79.0	64.0	49.0	34.6	22.0
Mathematics Standard 1 Exam	2023	1,608		100.0	99.9	95.5	86.5	74.4	58.6
	2022	1,410			100.0	95.2	87.9	76.9	62.7
Mathematics Standard 2	2023	30,805	99.8	95.0	85.1	72.8	59.0	44.4	29.0
	2022	29,874	99.9	96.4	87.0	74.3	60.2	44.9	28.9
Mathematics Advanced	2023	16,428	93.7	77.8	58.5	39.8	24.0	12.4	5.4
	2022	16,865	93.7	77.8	59.1	40.6	24.9	13.1	5.1
Mathematics Extension 1	2023	8,390	69.7	38.0	19.5	9.9	5.5	2.8	1.2
	2022	8,679	69.9	38.3	20.3	11.4	6.3	2.9	1.1
Mathematics Extension 2	2023	3,273	41.1	13.8	5.6	2.5	0.9	0.3	0.2
	2022	3,271	42.7	13.4	5.3	2.8	1.3	0.7	0.4
Modern History	2023	10,456	98.7	91.1	77.9	62.5	47.2	32.9	20.5
	2022	10,153	98.2	90.9	78.8	62.8	46.1	31.1	19.4
History Extension	2023	1,730	95.8	79.8	56.0	29.7	13.6	5.6	1.4
	2022	1,532	95.3	80.0	55.6	29.8	12.0	4.4	1.2
Music 1	2023	4,380	99.5	95.1	87.0	76.4	61.9	46.5	31.5
	2022	4,263	99.8	96.0	88.1	76.6	62.6	46.4	29.9
Music 2	2023	727	91.3	71.3	50.6	32.2	16.2	6.5	1.2
	2022	684	92.1	73.7	48.5	27.8	14.9	6.0	2.3
Music Extension	2023	386	80.8	62.2	43.5	26.4	15.8	7.5	1.8
	2022	353	76.8	61.8	41.9	22.9	9.9	5.1	1.1
PDH&PE	2023	16,873	99.8	96.1	85.3	71.1	56.1	41.6	27.4
	2022	15,883	99.6	94.8	84.9	72.4	58.5	42.8	26.1
Physics	2023	7,921	94.8	79.2	61.1	43.0	28.0	16.4	7.7
	2022	7,633	95.2	77.4	58.4	42.3	28.5	17.6	9.2
Science Extension	2023	794	96.9	86.6	62.6	35.3	15.0	6.5	1.6
	2022	658	97.7	81.0	55.0	24.6	10.9	5.2	1.7
Society & Culture	2023	5,040	98.9	94.2	83.7	70.4	55.5	39.8	24.2
	2022	4,614	98.7	93.0	83.6	70.8	56.3	41.0	26.0
Software Design & Development	2023	1,648	96.1	87.2	75.7	61.2	44.7	30.3	17.1
	2022	1,806	96.8	87.1	73.6	58.6	42.6	28.3	17.4
Studies of Religion I	2023	8,239	99.3	92.0	76.5	58.2	39.0	21.8	9.9
	2022	8,433	98.9	91.0	77.4	59.6	40.6	23.2	10.4

Table A5   Distributions of scaled marks by course: 2022 and 2023

Course	Year	Number	Percentage of students with scaled mark less than:						
			45	40	35	30	25	20	15
Studies of Religion II	2023	5,734	98.5	89.6	73.7	55.8	36.9	22.3	11.7
	2022	6,091	98.5	89.6	74.3	56.7	40.7	25.7	14.5
Textiles & Design	2023	1,401	99.1	93.0	83.1	71.1	56.0	41.5	28.5
	2022	1,485	99.4	93.9	83.0	68.9	55.0	41.8	29.0
Visual Arts	2023	8,631	98.6	93.5	85.3	74.1	61.7	47.4	32.5
	2022	8,177	98.7	93.4	85.1	73.3	60.8	46.5	30.9
Arabic Continuers	2023	192	99.0	93.2	87.5	79.2	68.2	58.9	45.8
	2022	294	100.0	98.0	92.9	86.1	73.5	63.9	52.7
Arabic Extension	2023	59	98.3	94.9	84.7	61.0	50.8	30.5	16.9
	2022	70		100.0	94.3	82.9	50.0	27.1	8.6
Chinese Continuers	2023	193	91.2	77.2	54.9	37.3	20.7	9.8	6.2
	2022	207	89.9	73.4	49.3	31.4	16.9	6.8	3.4
Chinese Extension	2023	52	90.4	69.2	44.2	15.4	3.8	1.9	
	2022	61	88.5	62.3	29.5	8.2	1.6	1.6	
Chinese & Literature	2023	261	98.9	93.1	82.8	67.8	51.7	35.6	22.2
	2022	330	97.6	92.1	78.8	65.2	49.1	36.1	24.8
Chinese in Context	2023	128	93.8	86.7	66.4	41.4	24.2	12.5	5.5
	2022	152	96.7	82.9	59.9	40.8	26.3	17.1	9.2
French Beginners	2023	298	98.3	90.3	78.5	64.4	52.3	34.6	19.1
	2022	323	98.1	90.4	79.6	65.9	51.4	36.5	18.6
French Continuers	2023	511	92.0	73.8	51.3	30.5	14.5	5.9	1.4
	2022	514	91.2	72.6	49.8	28.6	16.3	8.0	3.1
French Extension	2023	113	82.3	54.0	20.4	8.0	0.9		
	2022	98	87.8	39.8	13.3	3.1			
German Beginners	2023	77	94.8	89.6	80.5	66.2	53.2	36.4	24.7
	2022	91	97.8	89.0	80.2	62.6	52.7	35.2	18.7
German Continuers	2023	162	86.4	67.9	55.6	35.8	19.1	7.4	3.1
	2022	143	90.9	69.9	51.0	25.2	13.3	7.0	3.5
Indonesian Continuers	2023	48	95.8	85.4	66.7	45.8	29.2	16.7	6.3
	2022	45	95.6	77.8	57.8	35.6	26.7	15.6	8.9
Italian Beginners	2023	232	95.3	87.5	78.0	63.8	47.4	30.6	14.7
	2022	282	97.2	87.9	76.6	65.2	48.2	32.3	17.7
Italian Continuers	2023	167	93.4	82.0	57.5	36.5	22.2	12.6	4.2
	2022	181	95.0	81.2	65.2	44.2	19.9	8.3	4.4
Japanese Beginners	2023	525	99.4	93.1	81.7	64.4	52.2	39.4	27.2
	2022	636	97.5	92.5	82.7	67.3	55.7	40.3	27.7
Japanese Continuers	2023	659	96.2	78.8	60.8	42.0	28.1	16.4	8.2
	2022	746	94.0	79.4	62.2	42.5	25.6	13.1	5.4
Japanese Extension	2023	145	92.4	62.8	34.5	12.4	5.5	1.4	
	2022	161	86.3	59.6	28.0	8.7	3.1	1.2	
Japanese in Context	2023	51	94.1	88.2	66.7	51.0	31.4	15.7	9.8
	2022	44	97.7	93.2	72.7	54.5	43.2	27.3	18.2
Korean Beginners	2023	129	99.2	94.6	81.4	64.3	45.7	27.9	13.2
	2022	110	95.5	88.2	75.5	59.1	42.7	28.2	15.5

Table A5 Distributions of scaled marks by course: 2022 and 2023

Course	Year	Number	Percentage of students with scaled mark less than:						
			45	40	35	30	25	20	15
Korean in Context	2023	56	94.6	87.5	75.0	48.2	35.7	19.6	5.4
	2022	51	94.1	86.3	72.5	43.1	29.4	19.6	9.8
Latin Continuers	2023	160	70.0	36.9	13.8	8.1	5.0		
	2022	141	77.3	43.3	20.6	7.8	2.8	2.8	0.7
Latin Extension	2023	92	65.2	26.1	6.5	4.3	2.2	2.2	
	2022	83	60.2	34.9	13.3	6.0	4.8	2.4	1.2
Modern Greek Beginners	2023	86	96.5	91.9	82.6	62.8	47.7	31.4	19.8
	2022	75	96.0	86.7	68.0	58.7	45.3	22.7	10.7
Modern Greek Continuers	2023	67	97.0	85.1	67.2	59.7	46.3	26.9	6.0
	2022	80	95.0	81.3	70.0	61.3	46.3	33.8	17.5
Spanish Beginners	2023	192	93.2	83.3	74.0	62.0	46.4	33.9	19.8
	2022	237	96.2	86.1	75.5	65.0	52.7	35.0	20.7
Spanish Continuers	2023	128	97.7	89.1	77.3	61.7	45.3	23.4	10.2
	2022	148	98.0	87.8	72.3	58.8	43.9	29.1	16.2
Tamil Continuers	2023	42	92.9	83.3	81.0	71.4	61.9	45.2	35.7
	2022	48	87.5	70.8	62.5	50.0	39.6	27.1	14.6
Vietnamese Continuers	2023	110	100.0	96.4	91.8	81.8	70.9	55.5	36.4
	2022	155	97.4	92.9	84.5	76.1	67.7	52.3	36.8
Automotive Exam	2023	229		100.0	98.3	92.1	86.5	75.1	55.5
	2022	211			100.0	94.3	90.0	76.3	61.6
Business Services Exam	2023	1,032	100.0	97.6	91.4	83.1	70.2	52.5	36.0
	2022	1,176	100.0	98.6	93.7	83.8	71.2	55.5	37.3
Construction Exam	2023	1,551	100.0	99.9	97.0	89.4	76.4	64.2	50.7
	2022	1,709	100.0	99.8	95.4	88.2	77.1	64.6	47.6
Electrotechnology Exam	2023	251		100.0	95.6	90.0	78.9	64.9	39.0
	2022	236		100.0	95.8	87.3	77.1	61.9	37.7
Entertainment Industry Exam	2023	691	99.9	96.8	89.9	78.7	65.3	49.2	28.8
	2022	651	100.0	98.5	90.0	78.5	65.0	46.4	27.6
Financial Services Exam	2023	81	98.8	92.6	84.0	70.4	63.0	49.4	22.2
	2022	77	97.4	89.6	77.9	68.8	57.1	45.5	20.8
Hospitality Exam	2023	4,424	100.0	98.2	91.9	84.1	71.7	53.3	40.2
	2022	4,300	100.0	98.5	92.0	84.3	70.7	57.2	39.1
Human Services Exam	2023	652	100.0	99.2	94.8	84.2	71.3	54.0	34.8
	2022	599	100.0	97.8	92.5	82.1	68.9	52.6	32.9
Information & Digital Technology Exam	2023	366	100.0	98.1	91.8	81.7	67.8	50.3	29.2
	2022	383	100.0	99.0	94.3	84.9	70.0	52.7	36.0
Primary Industries Exam	2023	498		100.0	95.4	90.0	79.5	67.7	49.2
	2022	549		100.0	96.9	88.2	78.3	66.3	45.7
Retail Services Exam	2023	751	100.0	97.7	94.0	86.3	75.5	63.5	52.3
	2022	745	100.0	98.7	93.2	88.3	75.4	65.2	50.2
Tourism, Travel & Events Exam	2023	67	97.0	92.5	89.6	77.6	70.1	52.2	32.8
	2022	79	98.7	94.9	86.1	74.7	70.9	55.7	39.2

Table A6 Courses that contribute to the ATAR (more than 10 units)

Notes: (i)   This table shows the percentage of the course candidature who completed more than 10 units of ATAR courses and for whom *all* units of that course contributed to their ATAR.

(ii) The **Number receiving ATAR** column shows the number of students who did the course in 2023 or a previous year, and received an ATAR in 2023.

(iii) The **ATAR students with > 10 units** columns show the number and percentage of ATAR students who completed more than 10 units of ATAR courses.

(iv) The **Percentage who counted course** column shows the percentage of the ATAR students who completed more than 10 units of ATAR courses for whom all units of that course contributed towards their ATAR.

(v) The **Maximum ATAR including the course** column shows the maximum ATAR of any student doing the course in any year and including all units from that course in their ATAR calculation.

(vi) The table excludes courses with less than 10 students.

Course	Number receiving ATAR	ATAR students with > 10 units		Percentage who counted course	Maximum ATAR including the course
		Number	Percentage		
Aboriginal Studies	471	130	28	82	99.35
Agriculture	1,082	418	39	78	99.90
Ancient History	6,060	2,185	36	85	99.90
Biology	18,650	7,461	40	84	99.95
Business Studies	17,246	5,342	31	85	99.90
Chemistry	9,788	5,458	56	75	99.95
Community & Family Studies	7,477	2,054	27	88	99.00
Dance	700	228	33	61	99.35
Design & Technology	3,420	1,122	33	73	99.85
Drama	2,920	1,038	36	72	99.95
Earth & Environmental Science	2,356	770	33	86	99.80
Economics	5,436	2,585	48	77	99.95
Engineering Studies	2,471	1,089	44	76	99.85
English Studies Exam	587	107	18	100	92.60
English Standard	28,880	7,494	26	100	99.60
English Advanced	24,977	11,535	46	99	99.95
English EAL/D	1,079	286	27	100	99.95
English Extension 1	3,665	2,410	66	88	99.95
English Extension 2	1,406	817	58	85	99.95
Food Technology	3,061	813	27	85	99.45
Geography	3,764	1,434	38	84	99.95
Industrial Technology	4,191	1,262	30	74	99.10
Information Processes & Technology	1,592	632	40	75	99.95
Investigating Science	2,416	852	35	83	99.45
Legal Studies	9,757	3,441	35	83	99.95
Mathematics Standard 1 Exam	1,037	268	26	62	91.75
Mathematics Standard 2	28,581	7,729	27	71	99.75
Mathematics Advanced	15,439	8,207	53	73	99.95
Mathematics Extension 1	8,321	5,815	70	91	99.95
Mathematics Extension 2	3,265	1,745	53	98	99.95

Table A6   Courses that contribute to the ATAR (more than 10 units)

Course	Number receiving ATAR	ATAR students with > 10 units			Maximum ATAR including the course
		Number	Percentage	Percentage who counted course	
Modern History	9,618	3,797	39	82	99.95
History Extension	1,717	1,332	78	84	99.95
Music 1	3,634	1,197	33	60	99.20
Music 2	699	459	66	68	99.95
Music Extension	379	275	73	70	99.95
PDH&PE	15,290	4,509	29	85	99.75
Physics	7,873	4,187	53	74	99.95
Science Extension	784	650	83	75	99.95
Society & Culture	4,644	1,396	30	84	99.90
Software Design & Development	1,568	703	45	68	99.95
Studies of Religion I	8,042	6,920	86	80	99.95
Studies of Religion II	5,681	1,402	25	82	99.95
Textiles & Design	1,228	322	26	80	99.75
Visual Arts	7,251	2,193	30	74	99.95
Arabic Continuers	162	62	38	76	99.30
Arabic Extension	42	33	79	97	99.30
Armenian Continuers	23	11	48	64	98.65
Chinese Beginners	32	15	47	60	99.05
Chinese Continuers	195	122	63	66	99.95
Chinese Extension	51	44	86	89	99.75
Chinese & Literature	257	88	34	60	99.85
Chinese in Context	130	72	55	58	99.75
Classical Greek Continuers	18	17	94	59	99.95
Classical Hebrew Continuers	15	7	47	86	98.10
French Beginners	272	110	40	86	99.60
French Continuers	506	336	66	64	99.95
French Extension	115	99	86	83	99.95
German Beginners	65	25	38	72	98.50
German Continuers	154	94	61	50	99.85
German Extension	40	36	90	89	99.50
Hindi Continuers	33	26	79	58	99.45
Hungarian Continuers	12	9	75	56	97.60
Indonesian Beginners	21	3	14	67	90.70
Indonesian Continuers	51	30	59	67	97.70
Italian Beginners	210	95	45	71	99.95
Italian Continuers	166	112	67	71	99.90
Italian Extension	32	29	91	79	99.85
Japanese Beginners	482	150	31	69	99.70
Japanese Continuers	649	358	55	64	99.75
Japanese Extension	139	109	78	78	99.70
Japanese in Context	50	23	46	61	97.35
Khmer Continuers	12	3	25	67	82.90

Table A6   Courses that contribute to the ATAR (more than 10 units)

Course	Number receiving ATAR	ATAR students with > 10 units			Maximum ATAR including the course
		Number	Percentage	Percentage who counted course	
Korean Beginners	126	33	26	79	99.25
Korean Continuers	13	5	38	60	90.55
Korean & Literature	28	7	25	86	99.70
Korean in Context	56	20	36	65	99.90
Latin Continuers	162	141	87	67	99.95
Latin Extension	93	84	90	70	99.95
Macedonian Continuers	10	7	70	57	95.55
Modern Greek Beginners	82	26	32	65	97.35
Modern Greek Continuers	67	39	58	62	95.95
Modern Greek Extension	22	20	91	90	95.95
Modern Hebrew Continuers	17	3	18	100	99.90
Persian Continuers	20	9	45	67	81.25
Polish Continuers	14	6	43	50	91.15
Portuguese Continuers	15	7	47	43	87.20
Punjabi Continuers	23	14	61	64	96.10
Russian Continuers	27	14	52	50	96.05
Serbian Continuers	26	6	23	50	87.25
Spanish Beginners	177	72	41	71	99.50
Spanish Continuers	128	67	52	73	98.85
Spanish Extension	31	25	81	96	97.00
Swedish Continuers	12	8	67	13	94.75
Tamil Continuers	45	28	62	61	99.55
Turkish Continuers	35	9	26	89	99.25
Vietnamese Continuers	104	29	28	66	99.70
Automotive Exam	134	49	37	45	83.15
Business Services Exam	925	384	42	77	97.40
Construction Exam	1,160	351	30	81	95.35
Electrotechnology Exam	183	67	37	72	93.80
Entertainment Industry Exam	591	196	33	77	97.45
Financial Services Exam	71	48	68	71	91.25
Hospitality Exam	3,790	1,100	29	76	99.15
Human Services Exam	585	215	37	66	96.30
Information & Digital Technology Exam	324	121	37	64	95.10
Primary Industries Exam	365	146	40	68	95.45
Retail Services Exam	640	224	35	61	95.65
Tourism, Travel & Events Exam	64	21	33	76	94.70

Table A7   ATAR distribution

Note: (i)   This table shows the number of students receiving each ATAR from 99.95 to 99.00 and the number corresponding to the stated ATAR ranges down to 30.00–30.95.

(ii)   The median ATAR in 2023 was 71.05.

ATAR	Number	Number on or above	Percentage on or above
99.95	49	49	0.1
99.90	48	97	0.2
99.85	48	145	0.3
99.80	48	193	0.3
99.75	46	239	0.4
99.70	51	290	0.5
99.65	47	337	0.6
99.60	51	388	0.7
99.55	48	436	0.8
99.50	49	485	0.9
99.45	49	534	1.0
99.40	49	583	1.1
99.35	50	633	1.1
99.30	48	681	1.2
99.25	51	732	1.3
99.20	46	778	1.4
99.15	48	826	1.5
99.10	43	869	1.6
99.05	51	920	1.7
99.00	54	974	1.8
99.00 - 99.95	974	974	1.8
98.00 - 98.95	971	1,945	3.5
97.00 - 97.95	973	2,918	5.3
96.00 - 96.95	965	3,883	7.0
95.00 - 95.95	980	4,863	8.8
94.00 - 94.95	982	5,845	10.5
93.00 - 93.95	977	6,822	12.3
92.00 - 92.95	972	7,794	14.0
91.00 - 91.95	969	8,763	15.8
90.00 - 90.95	969	9,732	17.5
89.00 - 89.95	967	10,699	19.3
88.00 - 88.95	983	11,682	21.0
87.00 - 87.95	977	12,659	22.8
86.00 - 86.95	967	13,626	24.5
85.00 - 85.95	975	14,601	26.3
84.00 - 84.95	956	15,557	28.0
83.00 - 83.95	962	16,519	29.8
82.00 - 82.95	969	17,488	31.5
81.00 - 81.95	961	18,449	33.2
80.00 - 80.95	957	19,406	35.0
79.00 - 79.95	943	20,349	36.6
78.00 - 78.95	962	21,311	38.4

Table A7 ATAR distribution

ATAR	Number	Number on or above	Percentage on or above
77.00 - 77.95	945	22,256	40.1
76.00 - 76.95	937	23,193	41.8
75.00 - 75.95	942	24,135	43.5
74.00 - 74.95	927	25,062	45.1
73.00 - 73.95	929	25,991	46.8
72.00 - 72.95	936	26,927	48.5
71.00 - 71.95	897	27,824	50.1
70.00 - 70.95	926	28,750	51.8
69.00 - 69.95	896	29,646	53.4
68.00 - 68.95	908	30,554	55.0
67.00 - 67.95	887	31,441	56.6
66.00 - 66.95	885	32,326	58.2
65.00 - 65.95	876	33,202	59.8
64.00 - 64.95	859	34,061	61.3
63.00 - 63.95	849	34,910	62.9
62.00 - 62.95	853	35,763	64.4
61.00 - 61.95	826	36,589	65.9
60.00 - 60.95	831	37,420	67.4
59.00 - 59.95	804	38,224	68.8
58.00 - 58.95	797	39,021	70.3
57.00 - 57.95	808	39,829	71.7
56.00 - 56.95	784	40,613	73.1
55.00 - 55.95	763	41,376	74.5
54.00 - 54.95	740	42,116	75.9
53.00 - 53.95	735	42,851	77.2
52.00 - 52.95	735	43,586	78.5
51.00 - 51.95	726	44,312	79.8
50.00 - 50.95	704	45,016	81.1
49.00 - 49.95	689	45,705	82.3
48.00 - 48.95	681	46,386	83.5
47.00 - 47.95	645	47,031	84.7
46.00 - 46.95	628	47,659	85.8
45.00 - 45.95	608	48,267	86.9
44.00 - 44.95	580	48,847	88.0
43.00 - 43.95	548	49,395	89.0
42.00 - 42.95	526	49,921	89.9
41.00 - 41.95	498	50,419	90.8
40.00 - 40.95	471	50,890	91.7
39.00 - 39.95	444	51,334	92.5
38.00 - 38.95	410	51,744	93.2
37.00 - 37.95	385	52,129	93.9
36.00 - 36.95	356	52,485	94.5
35.00 - 35.95	314	52,799	95.1
34.00 - 34.95	300	53,099	95.6
33.00 - 33.95	282	53,381	96.1
32.00 - 32.95	241	53,622	96.6
31.00 - 31.95	225	53,847	97.0
30.00 - 30.95	209	54,056	97.4

Table A8   ATAR percentiles: 2019–2023

Note: This table shows the ATAR at selected percentiles of the ATAR cohort.

Percentile	ATAR 2019	ATAR 2020	ATAR 2021	ATAR 2022	ATAR 2023
100	99.95	99.95	99.95	99.95	99.95
99	99.40	99.40	99.40	99.40	99.40
98	98.80	98.80	98.80	98.85	98.85
95	97.00	97.05	97.05	97.15	97.10
90	94.00	94.10	94.15	94.30	94.25
85	91.05	91.15	91.20	91.50	91.40
80	88.05	88.25	88.30	88.65	88.55
75	85.05	85.30	85.35	85.80	85.70
70	82.05	82.30	82.40	82.95	82.85
60	75.95	76.30	76.50	77.20	77.00
50	69.75	70.15	70.40	71.25	71.05
40	63.25	63.75	64.05	65.10	64.85
30	56.35	56.90	57.25	58.50	58.20

Table A9   Relationship between the ATAR and aggregates: 2019–2023

Note: This table shows the lowest aggregate of scaled marks corresponding to each of the selected ATARs.

ATAR	Lowest aggregate				
	2019	2020	2021	2022	2023
99.95	476.7	478.1	478.8	478.1	479.8
99.50	454.5	458.8	458.7	459.9	459.3
99.00	443.8	447.8	448.0	449.1	449.5
98.00	429.6	433.8	433.7	434.3	435.0
95.00	402.0	404.2	404.8	404.6	405.5
90.00	370.0	370.1	369.8	368.9	370.0
85.00	342.2	341.8	340.2	338.9	340.2
80.00	316.3	315.8	313.5	310.9	313.0
75.00	291.7	290.8	288.0	285.2	287.4
70.00	268.6	267.2	263.8	259.5	261.8
65.00	245.9	244.1	239.8	234.4	236.8
60.00	223.5	221.1	217.2	210.4	212.5
55.00	200.2	198.3	195.4	186.4	188.2
50.00	176.8	175.5	172.8	162.8	164.3