

# **ATAR Report 2022**

Queensland Tertiary Admissions Centre

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## 1 Introduction

This report provides an overview of the calculation of the Australian Tertiary Admission Rank (ATAR) for the 2022 Queensland Year 12 student cohort.

The report includes a summary of subject enrolments, the outcomes of the inter-subject scaling process and the allocation of students to ATAR bands.

Further information on how Queensland's ATARs are calculated may be found at www.qtac.edu.au/atar.

#### 2 Definitions

**ATAR**: The Australian Tertiary Admission Rank is a measure of a student's overall achievement at school. The value indicates students' positions relative to the potential Year 12 population in their Australian State or Territory. ATARs are expressed on a 2000-point scale from 99.95 (highest) to 0.00, in increments of 0.05. ATARs equal to or below 30.00 are reported as "30.00 or less".

**General**: Unless otherwise specified, references to General subjects include General, General Extension and Senior External Examination subjects.

**Inter-subject scaling**: The process by which raw results are converted to scaled results to allow comparability between subjects.

QCAA: Queensland Curriculum and Assessment Authority.

QCE: Queensland Certificate of Education.

QTAC: Queensland Tertiary Admissions Centre.

**Raw results**: The subject result achieved by a student. For General subjects, General Extension or Senior External Examination subjects, raw results have a score out of 100, as awarded by the QCAA. For Applied subjects, raw results consist of a letter grade as awarded by the QCAA.

**Scaling cohort**: The number of students with at least one result in a QCE senior subject (General or Applied) at Unit 3 and 4 or a completed VET qualification at Australian Qualification Framework (AQF) level 3 or above in 2022.

**Scaled results**: This term refers to the subject result generated via the inter-subject scaling process. Scaled results are expressed on a 100-point scale, up to 2 decimal places.

**TEA**: The Tertiary Entrance Aggregate is the combination of the best 5 scaled results for each student.

VET: Vocational Education and Training.

#### 3 Overview of the 2022 Year 12 cohort

The Queensland Year 12 cohort in 2022 consisted of 51,502 students, with 48,641 who were part of the scaling cohort, and 27,245 being ATAR eligible.

Other Year 12 students not included in the cohort were Year 12 students who completed their senior years through a VET provider, students who completed an alternate curriculum such as the International Baccalaureate and students who left school before the end of Year 12 (see 5.4 Participation Model).

The number of distinct senior subjects studied in 2022 was 91, comprising 41 General subjects, 5 General Extension subjects, 20 Senior External Examination subjects and 25 Applied subjects. Subjects that were completed between 2017 and 2019 (under the old QCE system) have been converted by QCAA to enable ATAR calculations.

In addition to QCAA senior subjects, there were 141 distinct Vocational Education and Training (VET) qualifications completed at Australian Qualification Framework (AQF) level 3 or higher.

The most studied subjects in 2022 for each subject type were English (General), English and Literature Extension (General Extension), Chinese (Senior External Examination) and Essential English (Applied).

The most frequently completed VET qualifications for each AQF Level were the Certificate III in Fitness, the Certificate IV in Crime and Justice Studies, the Diploma of Business and the Advanced Diploma of Professional Dance (Elite Performance).

## 3.1 Number of subject results provided to QTAC

Table 1 provides a summary of results in different types of QCAA senior subjects and the total awarded VET qualifications (Certificate III and above) provided to QTAC in 2022.

Table 1: QCAA senior subjects and awarded VET qualifications

Туре	Results		
Description	Code	Total	Percent
General	GEN	155,632	59.57%
Applied	APP	81,369	31.14%
Senior External Examination	SEE	573	0.22%
General Extension	GEX	1,598	0.61%
Vocational Education and Training	VET	22,093	8.46%
Total		261,265	100.00%

## 3.2 QCAA senior subjects

Table 2, Table 3, Table 4 and Table 5 provide a summary of QCAA senior subject results provided to QTAC in General and Applied subjects for the 2022 Queensland Year 12 cohort.

Table 2: QCAA senior subjects - General (GEN)

	Subject		sults
Туре	Name	Total	Percent
GEN	Aboriginal and Torres Strait Islander Studies	40	0.03%
GEN	Accounting	2,058	1.32%
GEN	Aerospace Systems	111	0.07%
GEN	Agricultural Science	431	0.28%
GEN	Ancient History	2,338	1.50%
GEN	Biology	13,463	8.65%
GEN	Business	4,773	3.07%
GEN	Chemistry	8,453	5.43%
GEN	Chinese	647	0.42%
GEN	Dance	829	0.53%
GEN	Design	3,094	1.99%
GEN	Digital Solutions	1,544	0.99%
GEN	Drama	2,543	1.63%
GEN	Earth and Environmental Science	296	0.19%
GEN	Economics	2,515	1.62%
GEN	Engineering	1,321	0.85%
GEN	English	26,450	17.00%
GEN	English as an Additional Language	703	0.45%
GEN	Film Television and New Media	2,401	1.54%
GEN	Food and Nutrition	876	0.56%
GEN	French	620	0.40%
GEN	General Mathematics	20,208	12.98%
GEN	Geography	2,799	1.80%
GEN	German	254	0.16%
GEN	Health	2,335	1.50%
GEN	Italian	108	0.07%
GEN	Japanese	1,269	0.82%
GEN	Legal Studies	4,496	2.89%
GEN	Literature	3,559	2.29%
GEN	Marine Science	715	0.46%
GEN	Mathematical Methods	10,159	6.53%
GEN	Modern History	5,055	3.25%
GEN	Music	2,264	1.45%
GEN	Philosophy and Reason	564	0.36%
GEN	Physical Education	5,773	3.71%
GEN	Physics	6,405	4.12%

Table 2: QCAA senior subjects - General (GEN) (continued)

Туре	Name	Total	Percent
GEN	Psychology	4,171	2.68%
GEN	Spanish	188	0.12%
GEN	Specialist Mathematics	3,191	2.05%
GEN	Study of Religion	3,264	2.10%
GEN	Visual Art	3,349	2.15%
	Total	155,632	100.00%

Table 3: QCAA senior subjects - Senior External Examination (SEE)

	Subject		esults
Туре	Name	Total	Percent
SEE	Ancient History	8	1.40%
SEE	Arabic	34	5.93%
SEE	Biology	4	0.70%
SEE	Chemistry	7	1.22%
SEE	Chinese	168	29.32%
SEE	English	26	4.54%
SEE	General Mathematics	18	3.14%
SEE	Indonesian	29	5.06%
SEE	Korean	75	13.09%
SEE	Latin	14	2.44%
SEE	Legal Studies	5	0.87%
SEE	Mathematical Methods	16	2.79%
SEE	Modern Greek	6	1.05%
SEE	Modern History	14	2.44%
SEE	Philosophy and Reason	5	0.87%
SEE	Physics	9	1.57%
SEE	Polish	7	1.22%
SEE	Punjabi	16	2.79%
SEE	Russian	21	3.66%
SEE	Vietnamese	91	15.88%
	Total	573	100.00%

Table 4: QCAA senior subjects - General Extension (GEX)

	Subject	Results		
Туре	Name	Total	Percent	
GEX	Chinese Extension	57	3.57%	
GEX	English and Literature Extension	710	44.43%	
GEX	French Extension	34	2.13%	
GEX	German Extension	37	2.32%	
GEX	Music Extension (Composition)	217	13.58%	
GEX	Music Extension (Musicology)	8	0.50%	
GEX	Music Extension (Performance)	535	33.48%	
	Total	1,598	100.00%	

Table 5: QCAA senior subjects - Applied (APP)

Subject			Results		
Туре	Name	Total	Percent		
APP	Agricultural Practices	689	0.85%		
APP	Aquatic Practices	2,681	3.29%		
APP	Arts in Practice	158	0.19%		
APP	Building and Construction Skills	1,648	2.03%		
APP	Business Studies	1,269	1.56%		
APP	Dance in Practice	308	0.38%		
APP	Drama in Practice	614	0.75%		
APP	Early Childhood Studies	1,303	1.60%		
APP	Engineering Skills	1,853	2.28%		
APP	Essential English	16,979	20.87%		
APP	Essential Mathematics	16,275	20.00%		
APP	Fashion	506	0.62%		
APP	Furnishing Skills	2,474	3.04%		
APP	Hospitality Practices	3,003	3.69%		
APP	Industrial Graphics Skills	1,161	1.43%		
APP	Industrial Technology Skills	2,700	3.32%		
APP	Information and Communication Technology	1,278	1.57%		
APP	Media Arts in Practice	1,149	1.41%		
APP	Music in Practice	753	0.93%		
APP	Religion and Ethics	6,785	8.34%		
APP	Science in Practice	2,180	2.68%		
APP	Social and Community Studies	3,155	3.88%		
APP	Sport and Recreation	7,283	8.95%		
APP	Tourism	1,366	1.68%		
APP	Visual Arts in Practice	3,799	4.67%		
	Total	81,369	100.00%		

# 3.3 VET qualifications

Table 6 provides a summary of awarded VET qualifications for the 2022 Queensland Year 12 cohort.

Table 6: Completed VET qualifications

Vocational Education and Training qualification		Number of qualifications		
Type Level		Total	Percent	
VET	Certificate III	18,083	81.85%	
VET	Certificate IV	1,204	5.45%	
VET	Diploma	2,798	12.66%	
VET	Advanced Diploma	8	0.04%	
	Total	22,093	100.00%	

## 4 Inter-subject scaling

### 4.1 Purpose of the subject scaling

Inter-subject scaling is the process used to map each QCAA senior subject and completed VET qualification to a scale that reflects how students achieved both within and across subjects. This aims to represent the relative difficulty of achieving a given score by considering how other students performed in the same studies, as well as considering how they performed across the rest of their study programme. This enables ranking of the students in terms of their position among this year's cohort.

There were 5 subject results scaled for each Applied subject (e.g. Figure 1) and 100 raw results scaled for each General subject. Senior External Examination (SEE) subjects were scaled with their General or General Extension equivalents.

Raw results for VET qualifications can be interpreted as binary variables of their completion status (completed or not completed). Each completed VET qualification level is awarded an independent scaled result.

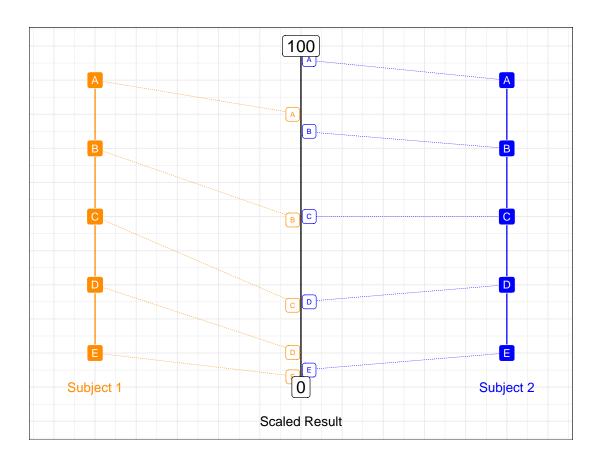


Figure 1: A visual representation of the subject scaling

Table 7 and Table 8 provide a selection of percentiles of the distribution of raw and scaled results for each subject cohort.

The percentiles indicate the proportion of students achieving a result less than or equal to the reported number. For example, 90% of English students achieve a raw result of 88 or less, and a raw result of 88 is equal to a scaled result of 91.12.

Table 9 provides the scaled result for each VET qualification level.

The inter-subject scaling process and results were reviewed by the ATAR Technical Committee on Scaling prior to the release of the ATAR results. The group provides technical and policy advice and oversight of the ATAR calculation.

Table 7: Distribution of raw and scaled results - General subjects

		Distribution of results (percentiles)				iles)
Subject	Result	25%	50%	75%	90%	99%
Aboriginal and Torres Strait Islander Studies (**)	Raw Scaled					
Accounting	Raw	58.00	70.00	81.00	89.00	97.00
	Scaled	60.34	76.22	86.39	91.25	94.49
Aerospace Systems	Raw	57.00	69.00	82.00	88.00	96.00
	Scaled	50.87	69.13	83.78	88.37	92.71
Agricultural Science	Raw	64.00	72.00	79.00	84.00	90.00
	Scaled	39.98	55.72	68.70	76.56	84.04
Ancient History	Raw	57.00	69.00	80.00	89.00	98.00
	Scaled	48.99	67.36	80.62	88.07	92.91
Arabic (**)	Raw Scaled					
Biology	Raw	69.00	78.00	86.00	92.00	97.00
	Scaled	58.27	76.21	87.01	92.09	94.86
Business	Raw	55.00	67.00	78.00	87.00	96.00
	Scaled	49.27	65.03	77.13	84.59	89.93
Chemistry	Raw	72.00	82.00	90.00	95.00	99.00
	Scaled	73.69	89.10	95.06	97.05	98.06
Chinese	Raw	79.00	89.00	94.00	97.00	100.00
	Scaled	76.87	85.53	88.74	90.36	91.76
Chinese Extension	Raw	88.00	93.00	95.00	97.00	99.00
	Scaled	84.80	88.16	89.31	90.36	91.32
Dance	Raw	70.00	82.00	90.00	95.00	100.00
	Scaled	44.37	61.51	71.75	77.24	81.93
Design	Raw	53.00	64.00	77.00	86.00	96.00
	Scaled	47.08	60.84	75.02	82.58	88.73
Digital Solutions	Raw	56.00	69.00	83.00	92.00	97.00
	Scaled	57.95	76.25	88.87	93.48	95.21
Drama	Raw	64.00	75.00	86.00	93.00	99.00
	Scaled	47.09	64.13	78.23	84.85	89.13

Table 7: Distribution of raw and scaled results - General subjects (continued)

Subject	Result	25%	50%	75%	90%	99%
Earth and Environmental Science	Raw	69.00	75.00	82.00	88.00	93.00
Latti and Environmental Science	Scaled	50.78	65.95	80.15	88.34	92.76
Economics	Raw	65.00	75.00	86.00	92.00	97.00
2551.6111165	Scaled	71.12	84.83	93.24	95.75	97.14
Francisco	Raw	55.00	68.00	80.00	89.00	96.00
Engineering	Scaled	62.17	80.67	90.80	94.95	96.88
English	Raw	57.00	67.00	78.00	88.00	98.00
Lingillon	Scaled	54.70	70.65	83.73	91.12	95.34
English and Literature Extension	Raw	77.00	86.00	94.00	98.00	100.00
	Scaled	85.47	91.95	95.37	96.51	96.98
English as an Additional Language	Raw	55.00 51.54	64.00 66.78	75.00 81.39	84.00 89.21	95.00 94.73
	Scaled Raw	60.00	72.00	84.00	92.00	94.73
Film Television and New Media	Scaled	42.11	57.13	70.94	78.52	83.88
	Raw	54.00	65.00	77.00	85.00	95.00
Food and Nutrition	Scaled	44.79	59.40	73.57	81.04	87.96
	Raw	73.00	82.00	89.00	94.00	98.00
French	Scaled	86.45	93.80	96.73	97.95	98.59
F	Raw					
French Extension (**)	Scaled					
General Mathematics	Raw	56.00	65.00	74.00	82.00	92.00
General Mathematics	Scaled	49.42	60.97	71.41	79.12	86.45
Geography	Raw	53.00	64.00	75.00	85.00	94.00
23	Scaled	50.90	68.13	81.50	89.48	93.89
German	Raw	72.00	81.00	89.00	95.00	99.00
	Scaled	82.25	92.33	96.57	98.16	98.79
German Extension (**)	Raw Scaled					
I I Id-	Raw	54.00	64.00	76.00	85.00	95.00
Health	Scaled	46.40	59.53	73.53	81.74	88.38
Indonesian (**)	Raw					
muonesian ( )	Scaled					
Italian	Raw	71.00	83.00	91.00	95.00	97.00
	Scaled	80.23	91.32	95.21	96.46	96.97
Japanese	Raw	65.00	77.00	89.00	95.00	99.00
	Scaled	72.94	84.95	92.20	94.48	95.63
Korean	Raw Scaled	82.00 84.76	89.00 88.68	93.00 90.50	97.00 92.05	99.00 92.74
	Raw	04.70	00.00	90.50	92.05	92.74
Latin (**)	Scaled					
	Raw	55.00	66.00	78.00	87.00	96.00
Legal Studies	Scaled	53.49	68.56	81.42	88.09	92.58
12. 4	Raw	68.00	80.00	89.00	95.00	100.00
Literature	Scaled	72.31	86.89	93.02	95.50	96.91
Marine Science	Raw	60.00	68.00	75.00	82.00	90.00
Manife Guence	Scaled	43.90	59.30	71.51	81.22	88.95
Mathematical Methods	Raw	63.00	73.00	84.00	92.00	98.00
	Scaled	79.42	89.00	94.81	97.06	98.09
Modern Greek (**)	Raw					
. ,	Scaled	00.00	70.00	04.00	04.00	00.00
Modern History	Raw	62.00	73.00	84.00	91.00	98.00
	Scaled	57.33	75.03	87.05	91.81	94.93

Table 7: Distribution of raw and scaled results - General subjects (continued)

Subject	Result	25%	50%	75%	90%	99%
Music	Raw	68.00	81.00	91.00	97.00	100.00
Music	Scaled	56.49	75.92	86.19	90.38	92.02
Music Extension (Composition)	Raw	80.00	91.00	97.00	100.00	100.00
Music Extension (Composition)	Scaled	69.81	82.56	87.49	89.48	89.48
Music Extension (Musicology) (**)	Raw					
( 33), ( )	Scaled					
Music Extension (Performance)	Raw	79.00	90.00	96.00	99.00	100.00
,	Scaled	64.63	80.63	86.71	89.09	89.80
Philosophy and Reason	Raw	61.00	75.00	87.00	94.00	99.00
	Scaled	66.54	83.96	92.31	95.12	96.49
Physical Education	Raw	58.00	68.00	79.00	87.00	96.00
	Scaled	46.58	60.62	74.20	81.92	88.31
Physics	Raw Scaled	73.00 75.20	82.00 89.11	90.00 95.19	95.00 97.17	98.00 97.95
	Raw	75.20	09.11	95.19	97.17	97.95
Polish (**)	Scaled					
	Raw	69.00	77.00	85.00	90.00	95.00
Psychology	Scaled	56.46	70.92	82.11	87.20	91.00
	Raw	00.10	70.02	02.11	07.20	01.00
Punjabi (**)	Scaled					
	Raw					
Russian (**)	Scaled					
	Raw	66.00	79.00	87.00	91.00	97.00
Spanish	Scaled	77.14	91.42	95.58	96.85	98.12
On a sind Madde and Advantage	Raw	67.00	79.00	88.00	93.00	98.00
Specialist Mathematics	Scaled	87.90	95.16	97.65	98.43	98.96
Study of Policion	Raw	63.00	73.00	84.00	91.00	98.00
Study of Religion	Scaled	66.22	79.56	89.23	93.05	95.58
Vietnamese	Raw	69.00	78.00	83.00	89.00	96.00
viculariicae	Scaled	67.84	77.21	81.51	85.81	89.73
Visual Art	Raw	56.00	68.00	81.00	91.00	100.00
	Scaled	47.24	62.45	76.49	84.50	89.66

Note:

 $<sup>(\</sup>ensuremath{^{\star\star}})$  Results are not reported for subjects completed by less than 50 students.

Table 8: Distribution of raw and scaled results - Applied subjects

Subject	Result	25%	50%	75%	90%	99%
Agricultural Practices	Raw	С	В	В	Α	Α
/ ignoultary radiood	Scaled	6.76	20.32	20.32	47.28	47.28
Aquatic Practices	Raw	С	В	В	Α	Α
7 iqualio 1 Tuolioco	Scaled	8.25	23.02	23.02	49.87	49.87
Arts in Practice	Raw	С	В	В	Α	Α
	Scaled	11.97	24.77	24.77	44.37	44.37
Building and Construction Skills	Raw	С	В	В	Α	Α
S .	Scaled	5.31	15.47	15.47	37.40	37.40
Business Studies	Raw	С	В	В	Α	Α
	Scaled	11.82	27.36	27.36	51.43	51.43
Dance in Practice	Raw	С	В	В	Α	Α
	Scaled	9.36	26.03	26.03	54.54	54.54
Drama in Practice	Raw	С	В	В	Α	Α
	Scaled	9.68	25.57	25.57	52.41	52.41
Early Childhood Studies	Raw	С	В	В	Α	Α
	Scaled	10.12	25.61	25.61	51.29	51.29
Engineering Skills	Raw	С	В	В	Α	Α
Linguisesing extile	Scaled	7.44	18.47	18.47	38.99	38.99
Essential English	Raw	С	В	В	Α	Α
Eddermar English	Scaled	10.18	22.83	22.83	43.59	43.59
Essential Mathematics	Raw	С	В	В	В	Α
Esserial Manorialis	Scaled	11.04	23.95	23.95	23.95	44.42
Fashion	Raw	С	В	В	Α	Α
1 dollari	Scaled	17.06	40.26	40.26	68.83	68.83
Furnishing Skills	Raw	С	В	В	Α	Α
1 difficiling Civilio	Scaled	6.57	17.87	17.87	40.26	40.26
Hospitality Practices	Raw	С	В	В	Α	Α
Troophanty Fractions	Scaled	12.24	29.60	29.60	55.89	55.89
Industrial Graphics Skills	Raw	С	В	В	Α	Α
maderial Grapmes State	Scaled	10.17	27.50	27.50	55.97	55.97
Industrial Technology Skills	Raw	С	В	В	Α	Α
aaaanan 100oogy eo	Scaled	10.56	24.14	24.14	46.18	46.18
Information and Communication Technology	Raw	С	В	В	Α	Α
eaue., a.i.a ceiminameanen ioeimieiogy	Scaled	13.21	33.06	33.06	61.59	61.59
Media Arts in Practice	Raw	С	В	В	Α	Α
	Scaled	11.87	28.87	28.87	55.01	55.01
Music in Practice	Raw	С	В	В	Α	Α
Madic III I radiad	Scaled	8.69	24.11	24.11	51.48	51.48
Religion and Ethics	Raw	С	В	В	Α	Α
10.19.0.1 2.1.12	Scaled	25.53	53.91	53.91	79.96	79.96
Science in Practice	Raw	С	В	В	Α	Α
	Scaled	10.70	25.60	25.60	49.71	49.71
Social and Community Studies	Raw	С	В	В	Α	Α
	Scaled	7.97	23.31	23.31	51.60	51.60
Sport and Recreation	Raw	С	В	В	Α	Α
and itological	Scaled	8.02	23.82	23.82	52.85	52.85
Tourism	Raw	С	В	В	Α	Α
	Scaled	10.02	24.38	24.38	48.28	48.28
Visual Arts in Practice	Raw	С	В	В	Α	Α
	Scaled	11.38	28.37	28.37	54.98	54.98

Table 9: Scaled results - Completed VET qualification levels

Level	Scaled Result
Certificate III	40.09
Certificate IV	55.29
Diploma	58.99
Advanced Diploma (**)	

#### Note:

<sup>(\*\*)</sup> Results are not reported for VET qualification levels completed by less than 50 students.

#### 5 ATAR

## **5.1 Tertiary Entrance Aggregate**

The inter-subject scaling outputs are used to determine each student's Tertiary Entrance Aggregate (TEA). The TEA is a measure of a student's "overall performance" and it is used to derive an order rank. The TEA is determined from the scaled results achieved by students, but it is also dependent on a combination of policy rules which determine:

- · the eligibility of a student for a TEA and subsequently an ATAR; and
- the subject results that should be used to compose each individual TEA.

#### 5.2 Eligibility criteria

In order to be eligible for an ATAR, students are required to satisfactorily complete (i.e. attain a letter grade of "C" or better) in one of the following QCAA English senior subjects:

- English
- · English as an Additional Language
- Literature
- · English and Literature Extension
- · Essential English.

The TEAs and subsequently the ATARs are determined from the 5 scaled results or the best 5 scaled results attained between 2018 and 2022, excluding precluded subject combinations. The TEAs can include either:

- 5 General subjects at Units 3 and 4, or
- 4 General subjects at Units 3 and 4 and 1 Applied subject at Units 3 and 4, or
- 4 General subjects at Units 3 and 4 and 1 completed VET qualification at AQF Certificate III level or higher.

Table 10 shows a summary of the 2022 Queensland Year 12 cohort by ATAR eligibility.

Table 10: ATAR eligibility in the 2022 Year 12 cohort

ATAR eligibility	Students	Percent
Eligible	27,245	52.90%
Ineligible	24,257	47.10%
Total	51,502	100.00%

# 5.3 Subject schemes

Table 11 shows the number of students eligible for an ATAR in 2022 by subject scheme.

Table 11: ATAR composition by subject scheme

Scheme	Students	Percent
5 General	18,697	68.63%
4 General, 1 VET	3,785	13.89%
4 General, 1 Applied	4,763	17.48%
Total	27,245	100.00%

## 5.4 Participation Model

As each state and territory uses different ATAR eligibility rules and subject scaling methods, Queensland's scaled results and TEAs cannot be compared directly to those of other jurisdictions.

ATAR bands form the basis of comparison of overall student achievement across different states and territories. In order to achieve this, each jurisdiction employs a participation model to allocate ATAR eligible students within the entire potential Year 12 population (which includes, but is not limited to, students who left school and students who completed an alternative curriculum such as the International Baccalaureate).

The participation model is defined as a cubic spline function parametrised by the participation rate, where the participation rate is the number of ATAR eligible students on the potential Year 12 population in Queensland<sup>1</sup>. Figure 3 shows the participation model used in Queensland in 2022.

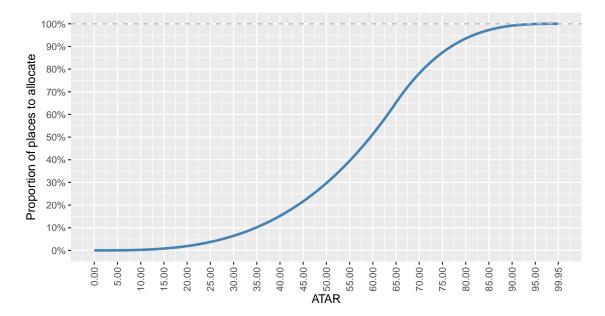


Figure 2: Participation Model

<sup>&</sup>lt;sup>1</sup>See "Modelling the participation function with a one-parameter family of cubic splines" (Harrison and Hyndman, 2015).

#### 5.5 ATAR distribution

This section includes a summary of the allocation of students into bands, according to the participation model used in 2022. Figure 3 shows the number of students allocated to each ATAR band.

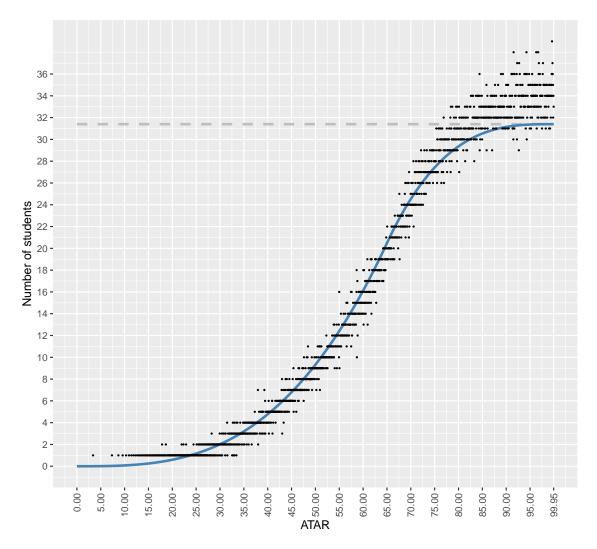


Figure 3: Summary of student allocations to ATAR bands in 2022

Students receiving an ATAR of 99.95 did so with 22 different combinations and 18 distinct General subjects: Biology, Chemistry, Chinese, Economics, Engineering, English, English and Literature Extension, French, French Extension, German, Latin, Literature, Mathematical Methods, Modern History, Philosophy and Reason, Physics, Psychology, Spanish and Specialist Mathematics.

Table 12 shows the number of students allocated in the first 20 bands (from 99.00 to 99.95) and Table 13 provides a summary of students' allocations in 20-band intervals.

Table 12: ATAR distribution, top 20 bands

ATAR	Number of Students	Cumulative percentage of students
99.95	33	0.12%
99.90	34	0.25%
99.85	32	0.36%
99.80	35	0.49%
99.75	36	0.62%
99.70	37	0.76%
99.65	34	0.88%
99.60	39	1.03%
99.55	36	1.16%
99.50	35	1.29%
99.45	34	1.41%
99.40	35	1.54%
99.35	32	1.66%
99.30	34	1.78%
99.25	34	1.91%
99.20	31	2.02%
99.15	35	2.15%
99.10	35	2.28%
99.05	34	2.40%
99.00	31	2.52%

Table 13: ATAR distribution, 20-band groups

ATAR	Number of students	Cumulative percentage of students
99.00 - 99.95	686	2.52%
98.00 - 98.95	674	4.99%
97.00 - 97.95	680	7.49%
96.00 - 96.95	683	9.99%
95.00 - 95.95	676	12.48%
94.00 - 94.95	676	14.96%
93.00 - 93.95	672	17.42%
92.00 - 92.95	670	19.88%
91.00 - 91.95	666	22.33%
90.00 - 90.95	657	24.74%
89.00 - 89.95	656	27.15%
88.00 - 88.95	658	29.56%
87.00 - 87.95	651	31.95%
86.00 - 86.95	651	34.34%
85.00 - 85.95	643	36.70%
84.00 - 84.95	645	39.07%
83.00 - 83.95	634	41.39%
82.00 - 82.95	628	43.70%
81.00 - 81.95	617	45.96%
80.00 - 80.95	614	48.22%
79.00 - 79.95	611	50.46%

Table 13: ATAR distribution, 20-band groups (continued)

ATAR	Number of students	Cumulative percentage of students
78.00 - 78.95	598	52.66%
77.00 - 77.95	587	54.81%
76.00 - 76.95	578	56.93%
75.00 - 75.95	565	59.01%
74.00 - 74.95	555	61.04%
73.00 - 73.95	541	63.03%
72.00 - 72.95	526	64.96%
71.00 - 71.95	517	66.86%
70.00 - 70.95	493	68.67%
69.00 - 69.95	475	70.41%
68.00 - 68.95	457	72.09%
67.00 - 67.95	439	73.70%
66.00 - 66.95	419	75.24%
65.00 - 65.95	401	76.71%
64.00 - 64.95	380	78.10%
63.00 - 63.95	363	79.43%
62.00 - 62.95	345	80.70%
61.00 - 61.95	333	81.92%
60.00 - 60.95	315	83.08%
59.00 - 59.95	303	84.19%
58.00 - 58.95	284	85.23%
57.00 - 57.95	268	86.22%
56.00 - 56.95	255	87.15%
55.00 - 55.95	245	88.05%
54.00 - 54.95	226	88.88%
53.00 - 53.95	219	89.69%
52.00 - 52.95	204	90.43%
51.00 - 51.95	195	91.15%
50.00 - 50.95	183	91.82%
49.00 - 49.95	173	92.46%
48.00 - 48.95	164	93.06%
47.00 - 47.95	154	93.62%
46.00 - 46.95	143	94.15%
45.00 - 45.95	136	94.65%
44.00 - 44.95	127	95.11%
43.00 - 43.95	118	95.55%
42.00 - 42.95	110	95.95%
41.00 - 41.95	98	96.31%
40.00 - 40.95	96	96.66%
39.00 - 39.95	86	96.98%
38.00 - 38.95	80	97.27%
37.00 - 37.95	77	97.56%
36.00 - 36.95	68	97.81%
35.00 - 35.95	65	98.04%
34.00 - 34.95	59	98.26%
33.00 - 33.95	53	98.45%
32.00 - 32.95	48	98.63%

Table 13: ATAR distribution, 20-band groups (continued)

ATAR	Number of students	Cumulative percentage of students
31.00 - 31.95	44	98.79%
30.00 - 30.95	39	98.94%
0.00 - 29.95	290	100.00%