

Section H

Scaling Data

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H1: 2010 ATAR Subject Scores

VCAA provides VTAC with study scores (relative positions). These study scores are scaled in order to calculate scaled aggregates and Australian Tertiary Admissions Ranks (ATARs). Candidates are in the 2010 scaling population if they have obtained a VCAA study score in an English study [English, English (SL), English Language or Literature] plus at least three other VCAA study scores in 2009 and 2010, provided that at most one result is from 2009. The scaling population is therefore a subset of the entire population. The means and standard deviations below pertain to the scaling population in 2010.

The following table gives the 2010 scaled means and standard deviations as well as the ATAR subject scores (rounded to the nearest integer) corresponding to the VCAA study scores of 20, 25, 30, 35, 40, 45 and 50. The formal aggregation process uses ATAR subject scores to two decimal places, but the following information gives a good indication of how scaling adjusts scores in the various studies.

2010 Study	Mean	St. Dev.	20	25	30	35	40	45	50
Accounting	30.39	7.2	19	24	30	36	41	46	50
Agricultural & Horticultural Studies	24.53	6.9	14	18	23	29	35	42	50
Art	27.21	7.5	16	21	26	32	38	44	50
Biology	30.28	7.2	19	25	30	36	41	46	50
Business Management	26.46	7.1	16	21	26	31	37	44	50
Chemistry	34.44	7.2	23	29	35	40	44	48	50
Classical Societies & Cultures	31.99	7.4	20	26	32	38	43	47	50
Dance	28.25	6.7	19	24	28	33	38	44	50
Design and Technology	24.15	6.9	13	18	22	28	34	41	50
Drama	28.35	7.4	18	23	28	34	39	45	50
Economics	31.96	7.0	21	27	32	37	42	47	50
English	28.38	7.5	17	22	28	34	39	45	50
English (ESL)	29.37	8.1	16	23	29	35	41	47	50
English Language	31.38	7.5	20	25	31	37	42	47	50
Environmental Science	28.55	7.4	17	22	28	33	39	45	50
Food and Technology	23.87	6.8	14	18	23	28	34	41	50
Geography	29.07	7.3	18	23	29	35	40	45	50
Health and Human Development	26.28	7.3	16	20	25	31	37	43	50
History:									
Australian History	27.76	7.9	15	21	27	33	39	45	50
Renaissance Italy	33.52	7.1	21	28	34	39	44	47	50
Revolutions	30.23	7.6	19	24	30	36	41	46	50
Industry & Enterprise Studies	23.10	7.5	10	14	19	26	33	41	50
Information Technology:									
Information Technology – Software Development	27.33	7.1	17	22	27	33	39	45	50
Information Technology – IT Applications	26.03	7.0	15	20	25	30	36	43	50
International Politics:									
International Studies	31.90	7.5	20	26	32	38	43	47	50
National Politics	32.67	7.5	21	27	33	38	43	47	50
Legal Studies	28.68	7.6	17	22	28	34	40	45	50
Literature	31.20	7.1	20	26	31	36	41	46	50
LOTE:									
Albanian					Small Study, see Notes 1 & 2 below				
Arabic	28.10	6.3	18	24	29	35	40	46	50
Armenian					No enrolments in 2010				
Auslan	33.14	6.2	26	30	34	38	42	46	50
Bosnian	27.21	5.9	15	20	25	31	37	44	50
Chinese (FL)	34.60	7.5	20	27	34	40	45	48	50
Chinese (SL)	39.55	6.3	31	37	41	45	48	51	52
Chinese (SL Advanced)	37.45	7.4	25	32	39	44	48	51	52
Classical Greek	43.95	5.8	34	39	43	47	50	53	55
Classical Hebrew					No enrolments in 2010				
Croatian	29.90	5.7	23	27	31	36	40	44	50
Dutch					Small Study, see Notes 1 & 2 below				
Filipino	31.36	5.9	23	28	32	36	40	45	50
French	40.62	6.5	31	36	41	46	49	52	54
German	39.13	7.0	28	34	40	45	49	51	53
Greek	33.07	6.8	23	28	33	38	43	47	50
Hebrew	41.47	6.5	33	38	43	47	50	53	54
Hindi	35.88	7.7	13	25	35	42	46	49	51
Hungarian					Small Study, see Notes 1 & 2 below				
Indigenous Languages of Victoria					Small Study, see Notes 1 & 2 below				
Indonesian (FL)	36.55	5.8	27	34	39	43	46	49	50
Indonesian (SL)	36.92	6.6	27	33	38	42	46	49	50
Italian	36.71	6.5	27	32	37	42	45	48	50
Japanese (FL)	30.42	6.9	17	24	30	36	42	47	50
Japanese (SL)	38.74	6.3	28	34	40	44	47	50	51
Khmer	28.84	6.5	15	21	27	33	39	45	50
Korean (FL)	34.12	7.5	23	30	36	41	45	48	50
Korean (SL)	38.08	6.6	27	33	39	43	47	50	51
Latin	45.00	6.8	36	42	47	50	53	54	55
Macedonian	30.49	5.9	19	24	30	35	40	45	50
Maltese					Small Study, see Notes 1 & 2 below				
Persian	29.35	6.3	20	24	28	32	37	42	50
Polish	33.67	6.9	25	30	34	39	43	47	50
Portuguese	32.71	7.4	21	27	33	39	44	48	50
Punjabi	32.87	7.4	23	29	35	41	45	48	50

2010 Study	Mean	St. Dev.	20	25	30	35	40	45	50	
Romanian					Small Study, see Notes 1 & 2 below					
Russian	33.27	6.1	25	29	33	37	40	44	50	
Serbian	32.33	6.5	20	26	32	38	43	47	50	
Sinhala	37.86	8.5	24	32	39	44	49	53	55	
Spanish	30.83	6.5	21	26	31	36	41	46	50	
Swedish					Small Study, see Notes 1 & 2 below					
Tamil					Small Study, see Notes 1 & 2 below					
Turkish	28.30	6.8	19	24	29	35	40	45	50	
Ukrainian					Small Study, see Notes 1 & 2 below					
Vietnamese	34.71	6.9	23	29	35	39	44	47	50	
Yiddish					Small Study, see Notes 1 & 2 below					
Mathematics:										
Further Mathematics	27.99	6.9	18	23	28	33	38	44	50	
Mathematical Methods (CAS)	35.66	7.0	25	31	37	41	45	48	50	
Specialist Mathematics	36.89	7.4	25	32	38	43	47	50	52	
Media	26.58	7.4	15	20	26	31	37	44	50	
Music:										
Music Performance: Group	27.63	6.9	17	23	28	34	39	45	50	
Music Performance: Solo	30.72	6.8	21	26	31	36	40	45	50	
Music Styles	31.87	6.8	21	27	32	37	41	46	50	
Outdoor and Environmental Studies	24.91	6.8	15	19	24	29	35	42	50	
Philosophy	30.49	7.5	18	24	30	36	42	46	50	
Physical Education	27.22	7.2	17	22	27	33	38	44	50	
Physics	32.58	7.2	21	27	33	38	43	47	50	
Psychology	28.37	7.2	17	22	28	33	39	45	50	
Religion and Society	30.12	7.0	20	25	31	36	41	46	50	
Sociology	25.43	7.3	15	20	25	31	37	44	50	
Studio Arts	26.06	7.1	15	20	25	31	37	43	50	
Systems Engineering	24.29	6.4	14	18	23	28	33	40	50	
Texts and Traditions	30.95	6.9	21	26	31	36	41	45	50	
Theatre Studies	29.70	7.7	18	24	29	35	41	46	50	
Visual Communication and Design	26.59	7.0	16	21	26	31	37	43	50	
VCE VET:										
VCE VET Business	23.94	6.8	14	19	24	29	35	42	50	
VCE VET Community Services	22.83	6.3	14	18	22	26	31	38	50	
VCE VET Dance	27.09	6.6	18	23	27	32	37	43	50	
VCE VET Electrotechnology	23.52	5.4	15	19	23	27	33	39	50	
VCE VET Engineering Studies – Cert II	24.41	5.6	16	20	24	28	33	39	50	
VCE VET Engineering Studies – Cert III					Small Study, see Note 1 below					
VCE VET Equine Industry	26.62	6.5	17	21	26	31	36	42	50	
VCE VET Financial Services	26.31	7.5	15	20	25	31	38	44	50	
VCE VET Furnishing	23.03	5.8	13	17	21	26	32	40	50	
VCE VET Hospitality	25.37	6.4	16	20	25	29	35	41	50	
VCE VET Hospitality – Kitchen Operations	24.80	6.7	15	19	24	29	35	42	50	
VCE VET Information Technology	24.77	6.1	15	19	23	28	33	40	50	
VCE VET Interactive Digital Media	26.11	6.6	17	21	25	30	36	42	50	
VCE VET Laboratory Skills					Small Study, see Note 1 below					
VCE VET Music	26.05	7.1	16	20	25	30	35	42	50	
VCE VET Music Technical Production	26.33	6.0	18	22	26	30	35	41	50	
VCE VET Sport and Recreation	24.01	7.0	14	19	24	29	35	42	50	

NOTES:

1. A number of studies were not scaled by the automatic procedure, since their eligible scaling population was less than or equal to eleven. These studies are annotated, as small study not scaled automatically. The means and standard deviation are not given in these cases, since they are not particularly informative.
2. For the small LOTEs, the LOTE adjustment is the maximum of zero and the average LOTE adjustment over 2007, 2008 and 2009. The following table gives the ATAR Subject scores for small LOTEs in 2010.

Small LOTE Study Score	1	2	3	4	5	6	7	8	9	10
2010 ATAR Subject Score	1.00	2.00	3.11	4.29	5.49	6.72	7.96	9.21	10.47	11.73
Small LOTE Study Score	11	12	13	14	15	16	17	18	19	20
2010 ATAR Subject Score	13.00	14.27	15.54	16.81	18.06	19.32	20.56	21.79	23.01	24.22
Small LOTE Study Score	21	22	23	24	25	26	27	28	29	30
2010 ATAR Subject Score	25.41	26.59	27.76	28.90	30.03	31.14	32.23	33.30	34.35	35.39
Small LOTE Study Score	31	32	33	34	35	36	37	38	39	40
2010 ATAR Subject Score	36.40	37.39	38.36	39.31	40.24	41.15	42.04	42.90	43.75	44.57
Small LOTE Study Score	41	42	43	44	45	46	47	48	49	50
2010 ATAR Subject Score	45.37	46.14	46.90	47.62	48.31	48.98	49.60	50.17	50.66	50.87

H2: 2010 Scaled Aggregate Table

Based on the 2010 scaling and aggregation process, the following table gives an indication of the minimum scaled aggregate required to achieve at least a particular ATAR. The table can be used to roughly check an ATAR calculation.

ATAR	Minimum Scaled Aggregate for ATAR
40.00	90.3
45.00	96.9
50.00	103.3
55.00	109.4
60.00	115.5
62.00	118.0
64.00	120.7
65.00	122.0
66.00	123.3
68.00	125.8
70.00	128.5
72.00	131.2
74.00	134.0
75.00	135.4
76.00	136.8
78.00	139.6
80.00	142.7
82.00	146.1
84.00	149.6
85.00	151.3
86.00	153.2
88.00	156.9
90.00	161.0
91.00	163.2
92.00	165.5
93.00	167.9
94.00	170.4
95.00	173.2
96.00	176.4
97.00	180.2
97.50	182.5
98.00	185.0
98.50	188.2
99.00	192.0
99.25	193.9
99.50	197.1
99.60	198.4
99.70	199.7
99.80	202.6
99.90	206.1

Information on the 2010 Scaling and Aggregation Process

In the 2010 scaling and aggregation process (correct as of 2 February 2011):

- 47826 students received a scaled aggregate and an ATAR, with
 - ❖ 24648 (51.54%) having six results contribute to their ATAR
 - ❖ 19871 (41.55%) having five results contribute to their ATAR
 - ❖ 3307 (6.91%) having four results contribute to their ATAR
- 312 ATAR subject scores above 50 were used in aggregation, with
 - ❖ 205 being for results in 2010 studies
 - ❖ 95 being for results in 2009 studies
 - ❖ 12 being for results in 2008 studies or earlier
- 284 students (0.59% of those receiving an ATAR) used at least one ATAR subject score above 50 in their aggregate.
- 26 students (9.15% of those having at least one ATAR subject score above 50 and 0.05% of those receiving an ATAR) made use of more than one ATAR subject score above 50 in their aggregate.
- 256 students (0.54% of those receiving an ATAR) had a High Extension Study result available for their aggregate
- 223 students (0.47% of those receiving an ATAR) had a Medium Extension Study result available for their aggregate
- 104 students (0.22% of those receiving an ATAR) had a Low Extension Study result available for their aggregate
- 2300 students (4.81% of those receiving an ATAR) had one VET increment – 10% of the average of the primary four aggregate – available for use in their aggregate
- 676 students (1.41% of those receiving an ATAR) had two VET increments – each being 10% of the average of the primary four aggregate – available for use in their aggregate.

To be more precise about ATAR subject scores above 50:

- ❖ in 258 cases only one ATAR subject score above 50 was available for aggregation, with
 - ◆ 167 instances of ATAR subject scores above 50 from 2010 studies
 - ◆ 84 instances of ATAR subject scores above 50 from 2009 studies
 - ◆ 7 instances of ATAR subject scores above 50 from 2008 studies or earlier
- ❖ in 24 cases two ATAR subject scores above 50 were available for aggregation, with
 - ◆ 14 combinations of two ATAR subject scores above 50 from 2010 studies
 - ◆ 10 combinations of one ATAR subject score above 50 from a 2010 study and one ATAR subject score above 50 from an earlier study
- ❖ in 2 cases three ATAR subject scores above 50 were available for aggregation, with
 - ◆ 1 combination of three ATAR subject scores above 50 from 2010 studies
 - ◆ 1 combination of two ATAR subject scores above 50 from 2010 studies and one ATAR subject score above 50 from a 2009 study

Analysis of ATAR Subject Scores above 50

In detail, the 284 students making use of the 312 ATAR subject scores above 50 in their 2010 ATAR did so in the following combinations:

Single Study:

<p>80 in French 64 achieved in 2010 14 achieved in 2009 2 achieved earlier</p> <p>44 in Specialist Mathematics 42 achieved in 2010 2 achieved in 2009</p> <p>35 in Latin 30 in achieved in 2010 5 achieved in 2009</p> <p>28 in Chinese (SL) 3 achieved in 2010 22 achieved in 2009 3 achieved earlier</p> <p>22 in German 18 achieved in 2010 4 achieved in 2009</p> <p>16 in Japanese (SL) 6 achieved in 2010 9 achieved in 2009 1 achieved earlier</p>	<p>12 in Chinese (SL) Advanced 1 achieved in 2010 11 achieved in 2009</p> <p>9 in Hebrew achieved in 2009</p> <p>3 in Indonesian (SL) 1 achieved in 2010 2 achieved in 2009</p> <p>3 in Classical Greek 2 achieved in 2010 1 achieved in 2009</p> <p>2 in Sinhala achieved in 2009</p> <p>2 in Italian achieved in 2009</p> <p>1 in Polish achieved in 2009</p> <p>1 in Tamil achieved in 2008</p>
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Two Studies:

<p>5 in English and Specialist Mathematics with both achieved in 2010</p> <p>5 in English and Latin with both achieved in 2010</p> <p>3 in English and Chinese (SL) 1 with that in English achieved in 2010 and that in Chinese (SL) achieved in 2009 2 with that in English achieved in 2010 and that in Chinese (SL) achieved in 2008</p> <p>2 in English and Hebrew with that in English achieved in 2010 and that in Hebrew achieved in 2009</p> <p>2 in English (ESL) and Chinese (SL) Advanced with that in English (ESL) achieved in 2010 and that in Chinese (SL) Advanced achieved in 2009</p> <p>1 in Specialist Mathematics and English (ESL) with both achieved in 2010</p>	<p>1 in Specialist Mathematics and English Language with both achieved in 2010</p> <p>1 in Latin and Literature with that in Latin achieved in 2009 and that in Literature achieved in 2010</p> <p>1 in English (ESL) and Korean (FL) with that in English (ESL) achieved in 2010 and that in Korean (FL) achieved in 2009</p> <p>1 in Chinese (SL) and English Language with that in Chinese (SL) achieved in 2008 and that in English Language achieved in 2010</p> <p>1 in English and French with both achieved in 2010</p> <p>1 in English and Korean with both achieved in 2010</p>
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Three Studies:

<p>1 in English, Classical Greek and Latin with those in English and Classical Greek achieved in 2010 and that in Latin achieved in 2009.</p>	<p>1 in English, Latin and Specialist Mathematics with all three achieved in 2010</p>
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H 3: Individual Study Contribution to Highest ATAR Subject Score & the Primary Four

The following table gives the number of students (qualifying for a 2010 ATAR as of 2 February 2011) completing each study in 2010, together with the number and percentage of times a score in the study was 'best' and/or used in the 'primary 4' when calculating the 2010 ATAR (or ATAR aggregate).

2010 Study	Number of students achieving a 2010 ATAR Subject Score and 2010 ATAR	Number of times score is Highest Contributor to 2010 ATAR			Number of times score is a P4 Contributor to 2010 ATAR		
		Score achieved in 2010	Score achieved before 2010	% of 2010 achievers where the 2010 ATAR Subject score was highest	Score achieved in 2010	Score achieved before 2010	% of 2010 achievers where the 2010 ATAR Subject score was in the P4
Accounting	5129	706	86	13.76	3167	382	61.75
Agricultural & Horticultural Studies	194	37	15	19.07	141	38	72.68
Art	2256	401	23	17.77	1620	98	71.81
Biology	8018	1153	279	14.38	5456	1364	68.05
Business Management	9305	1691	324	18.17	6936	1169	74.54
Chemistry	8399	633	17	7.54	4435	88	52.80
Classical Societies and Cultures	363	45	8	12.40	270	32	74.38
Dance	252	60	49	23.81	168	148	66.67
Design & Technology	2745	583	54	21.24	1967	148	71.66
Drama	1100	249	24	22.64	780	140	70.91
Economics	2165	322	15	14.87	1392	62	64.30
English	39907	7421	116	18.60	39668	611	99.40
English (ESL)	3208	512	6	15.96	3207	29	99.97
English Language	2308	358	8	15.51	2254	54	97.66
Environmental Science	436	67	11	15.37	310	66	71.10
Food & Technology	2736	544	56	19.88	2060	185	75.29
Geography	1678	274	71	16.33	1162	330	69.25
Health & Human Development	10373	1724	282	16.62	7703	1194	74.26
History: Australian	900	149	35	16.56	675	148	75.00
History: Renaissance Italy	173	20	2	11.56	121	21	69.94
History: Revolutions	4384	655	109	14.94	3152	546	71.90
Industry & Enterprise Studies	203	42	6	20.69	155	29	76.35
Information Technology - IT Applications	2377	434	180	18.26	1685	582	70.89
Information Technology - Software Development	852	121	28	14.20	575	133	67.49
International Politics: International Studies	1431	194	46	13.56	988	185	69.04
International Politics: National Politics	400	63	0	15.75	282	18	70.50
Legal Studies	6662	1102	133	16.54	4894	611	73.46
Literature	5244	743	44	14.17	4465	309	85.14
LOTE: Albanian	4	3	3	75.00	4	4	100.00
LOTE: Arabic	71	40	17	56.34	61	25	85.92
LOTE: Armenian	0	0	1	-	0	1	-
LOTE: Auslan	20	10	10	50.00	16	14	80.00
LOTE: Bengali	0	0	0	-	0	0	-
LOTE: Bosnian	10	6	2	60.00	8	2	80.00
LOTE: Chinese FL	728	333	246	45.74	664	533	91.21
LOTE: Chinese SL	440	157	308	35.68	323	399	73.41
LOTE: Chinese SL Advanced	87	43	111	49.43	70	168	80.46
LOTE: Classical Greek	18	7	4	38.89	16	4	88.89
LOTE: Classical Hebrew	0	0	1	-	0	3	-
LOTE: Croatian	18	11	8	61.11	16	11	88.89
LOTE: Czech	0	0	0	-	0	0	-
LOTE: Dutch	2	0	5	0.00	0	9	0.00
LOTE: Filipino	33	22	0	66.67	29	0	87.88
LOTE: French	1649	830	96	50.33	1498	120	90.84
LOTE: German	621	313	41	50.40	557	56	89.69
LOTE: Greek	102	55	71	53.92	82	116	80.39
LOTE: Hebrew	22	10	34	45.45	15	49	68.18
LOTE: Hindi	12	1	15	8.33	7	18	58.33
LOTE: Hungarian	1	1	9	100.00	1	9	100.00
LOTE: Indigenous Languages of Victoria	1	1	0	100.00	1	0	100.00
LOTE: Indonesian FL	11	5	6	45.45	8	8	72.73
LOTE: Indonesian SL	614	324	46	52.77	557	70	90.72
LOTE: Italian	760	390	33	51.32	660	48	86.84
LOTE: Japanese FL	12	7	7	58.33	11	13	91.67
LOTE: Japanese SL	1099	543	73	49.41	944	112	85.90
LOTE: Khmer	6	3	18	50.00	5	21	83.33
LOTE: Korean FL	17	7	12	41.18	16	28	94.12
LOTE: Korean SL	13	4	11	30.77	12	33	92.31
LOTE: Latin	146	89	9	60.96	138	22	94.52
LOTE: Macedonian	20	12	5	60.00	17	11	85.00
LOTE: Maltese	0	0	1	-	0	2	-

2010 Study	Number of students achieving a 2010 ATAR Subject Score and 2010 ATAR	Number of times score is Highest Contributor to 2010 ATAR			Number of times score is a P4 Contributor to 2010 ATAR		
		Score achieved in 2010	Score achieved before 2010	% of 2010 achievers where the 2010 ATAR Subject score was highest	Score achieved in 2010	Score achieved before 2010	% of 2010 achievers where the 2010 ATAR Subject score was in the P4
LOTE: Persian	35	16	16	45.71	30	23	85.71
LOTE: Polish	12	10	19	83.33	11	28	91.67
LOTE: Portuguese	13	6	3	46.15	12	4	92.31
LOTE: Punjabi	24	14	4	58.33	18	4	75.00
LOTE: Romanian	5	3	4	60.00	4	8	80.00
LOTE: Russian	10	4	17	40.00	8	27	80.00
LOTE: Serbian	14	9	5	64.29	11	7	78.57
LOTE: Sinhala	10	6	7	60.00	10	17	100.00
LOTE: Spanish	62	33	24	53.23	51	35	82.26
LOTE: Swedish	5	0	2	0.00	4	5	80.00
LOTE: Tamil	1	0	8	0.00	0	9	0.00
LOTE: Turkish	115	67	47	58.26	98	68	85.22
LOTE: Ukrainian	3	1	5	33.33	3	7	100.00
LOTE: Vietnamese	164	87	115	53.05	129	189	78.66
LOTE: Yiddish	0	0	0	-	0	2	-
Maths: Further Mathematics	25297	4918	421	19.44	16821	1201	66.49
Maths: Mathematical Methods	0	0	160	-	0	456	-
Maths: Mathematical Methods (CAS)	14108	4433	121	31.42	10903	454	77.28
Maths: Specialist Mathematics	4258	296	3	6.95	2644	17	62.09
Media	3912	754	62	19.27	2894	245	73.98
Music Performance: Group	524	128	54	24.43	372	171	70.99
Music Performance: Solo	1089	210	31	19.28	698	92	64.10
Music Styles	115	15	2	13.04	60	7	52.17
Outdoor & Environmental Studies	1640	309	104	18.84	1175	390	71.65
Philosophy	763	140	8	18.35	563	41	73.79
Physical Education	7894	1274	187	16.14	5669	761	71.81
Physics	6531	416	10	6.37	3609	67	55.26
Psychology	12630	1842	334	14.58	9200	1629	72.84
Religion & Society	788	175	106	22.21	566	515	71.83
Sociology	441	71	27	16.10	352	65	79.82
Studio Arts	4792	1085	121	22.64	3470	328	72.41
Systems Engineering	582	108	14	18.56	408	44	70.10
Texts and Traditions	347	65	32	18.73	250	138	72.05
Theatre Studies	673	122	37	18.13	505	161	75.04
Visual Communication & Design	5102	985	85	19.31	3627	310	71.09
VET Business	331	75	53	22.66	251	110	75.83
VET Community Services	223	56	23	25.11	163	57	73.09
VET Dance	81	20	12	24.69	56	22	69.14
VET Electrotechnology	94	21	1	22.34	65	9	69.15
VET Engineering Studies - Cert II	120	28	12	23.33	90	25	75.00
VET Engineering Studies - Cert III	1	0	0	0.00	1	0	100.00
VET Equine Industry	69	20	20	28.99	50	63	72.46
VET Financial Services	80	10	0	12.50	61	0	76.25
VET Furnishing	69	19	9	27.54	47	17	68.12
VET Hospitality	299	68	37	22.74	211	109	70.57
VET Hospitality (Kitchen Operations)	266	82	15	30.83	188	42	70.68
VET Information Technology	238	53	24	22.27	164	64	68.91
VET Interactive Digital Media	710	177	0	24.93	491	0	69.15
VET Laboratory Skills	6	4	2	66.67	5	5	83.33
VET Multimedia	0	0	57	-	0	174	-
VET Music	166	40	15	24.10	108	33	65.06
VET Music Technical Production	254	64	17	25.20	183	35	72.05
VET Sport & Rec	616	154	77	25.00	430	207	69.81

H 4: Individual Study Contribution to Highest ATAR Subject Score & the Primary Four For the top 10% of Students in Each Study

The following table gives the number of students in the top 10% for each study in 2010 and achieving an ATAR, together with the number and percentage of times the score in the study was 'best' and/or used in the 'primary four' when calculating the 2010 ATAR aggregate (correct as of 2 February 2011).

2010 Study	Number of students achieving a 2010 ATAR Subject Score in the top 10% (i.e. > 38) and also a 2010 ATAR	No of times the ATAR Subject Score was highest	Percentage where the ATAR Subject Score was highest	Number of times the ATAR Subject Score was in the Primary 4	Percentage where the ATAR Subject Score was in the Primary 4
Accounting	856	221	25.82	648	75.70
Agricultural & Horticultural Studies	5	5	100.00	5	100.00
Art	217	85	39.17	194	89.40
Biology	1604	396	24.69	1215	75.75
Business Management	759	391	51.52	682	89.86
Chemistry	2977	389	13.07	2098	70.47
Classical Societies and Cultures	86	21	24.42	72	83.72
Dance	46	25	54.35	44	95.65
Design & Technology	131	92	70.23	129	98.47
Drama	145	62	42.76	127	87.59
Economics	477	120	25.16	370	77.57
English	4675	1555	33.26	4646	99.38
English (ESL)	475	143	30.11	475	100.00
English Language	527	119	22.58	523	99.24
Environmental Science	79	16	20.25	55	69.62
Food & Technology	123	86	69.92	122	99.19
Geography	253	89	35.18	204	80.63
Health & Human Development	878	445	50.68	796	90.66
History: Australian	135	47	34.81	123	91.11
History: Renaissance Italy	51	11	21.57	41	80.39
History: Revolutions	934	236	25.27	799	85.55
Industry & Enterprise Studies	8	6	75.00	8	100.00
Information Technology - IT Applications	199	104	52.26	177	88.94
Information Technology - Software Development	88	36	40.91	72	81.82
International Politics: International Studies	386	102	26.42	337	87.31
International Politics: National Politics	109	28	25.69	93	85.32
Legal Studies	903	352	38.98	785	86.93
Literature	1023	251	24.54	947	92.57
LOTE: Albanian	4	3	75.00	4	100.00
LOTE: Arabic	13	9	69.23	13	100.00
LOTE: Armenian	1	1	100.00	1	100.00
LOTE: Auslan	10	7	70.00	9	90.00
LOTE: Bengali	0	0	-	0	-
LOTE: Bosnian	2	2	100.00	2	100.00
LOTE: Chinese FL	560	326	58.21	530	94.64
LOTE: Chinese SL	620	408	65.81	578	93.23
LOTE: Chinese SL Advanced	178	117	65.73	160	89.89
LOTE: Classical Greek	20	11	55.00	19	95.00
LOTE: Classical Hebrew	3	0	0.00	1	33.33
LOTE: Croatian	4	4	100.00	4	100.00
LOTE: Czech	0	0	-	0	-
LOTE: Dutch	6	4	66.67	5	83.33
LOTE: Filipino	5	4	80.00	5	100.00
LOTE: French	1234	767	62.16	1180	95.62
LOTE: German	406	266	65.52	385	94.83
LOTE: Greek	73	46	63.01	68	93.15
LOTE: Hebrew	61	41	67.21	54	88.52
LOTE: Hindi	15	10	66.67	15	100.00
LOTE: Hungarian	7	6	85.71	6	85.71
LOTE: Indigenous Languages of Victoria	1	1	100.00	1	100.00
LOTE: Indonesian FL	10	9	90.00	9	90.00
LOTE: Indonesian SL	327	204	62.39	307	93.88
LOTE: Italian	388	256	65.98	372	95.88
LOTE: Japanese FL	5	3	60.00	5	100.00
LOTE: Japanese SL	732	442	60.38	685	93.58
LOTE: Khmer	10	10	100.00	10	100.00
LOTE: Korean FL	21	13	61.90	20	95.24
LOTE: Korean SL	34	11	32.35	30	88.24
LOTE: Latin	151	93	61.59	142	94.04
LOTE: Macedonian	6	3	50.00	6	100.00
LOTE: Maltese	1	0	0.00	1	100.00
LOTE: Persian	6	6	100.00	6	100.00
LOTE: Polish	19	16	84.21	19	100.00

2010 Study	Number of students achieving a 2010 ATAR Subject Score in the top 10% (i.e. > 38) and also a 2010 ATAR	No of times the ATAR Subject Score was highest	Percentage where the ATAR Subject Score was highest	Number of times the ATAR Subject Score was in the Primary 4	Percentage where the ATAR Subject Score was in the Primary 4
LOTE: Portuguese	6	2	33.33	5	83.33
LOTE: Punjabi	10	8	80.00	9	90.00
LOTE: Romanian	3	2	66.67	3	100.00
LOTE: Russian	12	8	66.67	12	100.00
LOTE: Serbian	6	5	83.33	5	83.33
LOTE: Sinhala	14	7	50.00	13	92.86
LOTE: Spanish	18	13	72.22	18	100.00
LOTE: Swedish	6	2	33.33	6	100.00
LOTE: Tamil	7	5	71.43	6	85.71
LOTE: Turkish	20	14	70.00	17	85.00
LOTE: Ukrainian	5	4	80.00	5	100.00
LOTE: Vietnamese	137	93	67.88	124	90.51
LOTE: Yiddish	3	0	0.00	1	33.33
Maths: Further Mathematics	2445	980	40.08	2093	85.60
Maths: Mathematical Methods	409	118	28.85	347	84.84
Maths: Mathematical Methods (CAS)	6051	2630	43.46	5341	88.27
Maths: Specialist Mathematics	2050	288	14.05	1540	75.12
Media	311	147	47.27	303	97.43
Music Performance: Group	101	44	43.56	82	81.19
Music Performance: Solo	202	67	33.17	160	79.21
Music Styles	24	6	25.00	16	66.67
Outdoor & Environmental Studies	99	71	71.72	95	95.96
Philosophy	144	39	27.08	117	81.25
Physical Education	759	338	44.53	666	87.75
Physics	1667	210	12.60	1177	70.61
Psychology	1819	664	36.50	1593	87.58
Religion & Society	232	72	31.03	188	81.03
Sociology	51	32	62.75	51	100.00
Studio Arts	285	165	57.89	266	93.33
Systems Engineering	19	15	78.95	18	94.74
Texts and Traditions	99	33	33.33	84	84.85
Theatre Studies	131	48	36.64	115	87.79
Visual Communication & Design	386	213	55.18	362	93.78
VET Business	28	21	75.00	28	100.00
VET Community Services	5	2	40.00	5	100.00
VET Dance	17	14	82.35	17	100.00
VET Electrotechnology	3	1	33.33	3	100.00
VET Engineering Studies - Cert II	2	2	100.00	2	100.00
VET Engineering Studies - Cert III	1	0	0.00	0	0.00
VET Equine Industry	12	6	50.00	10	83.33
VET Financial Services	6	4	66.67	6	100.00
VET Furnishing	1	1	100.00	1	100.00
VET Hospitality	21	14	66.67	20	95.24
VET Hospitality (Kitchen Operations)	15	10	66.67	15	100.00
VET Information Technology	12	10	83.33	11	91.67
VET Interactive Digital Media	30	21	70.00	28	93.33
VET Laboratory Skills	3	1	33.33	3	100.00
VET Multimedia	31	12	38.71	24	77.42
VET Music	12	9	75.00	11	91.67
VET Music Technical Production	14	9	64.29	14	100.00
VET Sport & Rec	48	29	60.42	46	95.83

H 5: Individual Study Contribution to Highest ATAR Subject Score &/or the Primary Four For the top 5% of Students in Each Study

The following table gives the number of students in the top 5% for each study in 2010 and achieving an ATAR, together with the number and percentage of times the score in the study was 'best' and/or used in the 'primary four' when calculating the 2010 ATAR aggregate (correct as of 10 January 2010).

2010 Study	Number of students achieving a 2010 ATAR Subject Score in the top 5% (i.e. > 41) and also a 2010 ATAR	No of times the ATAR Subject Score was highest	Percentage where the ATAR Subject Score was highest	Number of times the ATAR Subject Score was in the Primary 4	Percentage where the ATAR Subject Score was in the Primary 4
Accounting	501	157	31.34	410	81.84
Agricultural & Horticultural Studies	4	4	100.00	4	100.00
Art	91	41	45.05	83	91.21
Biology	949	276	29.08	753	79.35
Business Management	372	228	61.29	349	93.82
Chemistry	1562	261	16.71	1156	74.01
Classical Societies and Cultures	50	13	26.00	45	90.00
Dance	21	14	66.67	21	100.00
Design & Technology	68	51	75.00	67	98.53
Drama	68	29	42.65	61	89.71
Economics	239	72	30.13	193	80.75
English	2096	852	40.65	2085	99.48
English (ESL)	295	101	34.24	295	100.00
English Language	276	77	27.90	274	99.28
Environmental Science	36	8	22.22	26	72.22
Food & Technology	60	45	75.00	60	100.00
Geography	129	58	44.96	114	88.37
Health & Human Development	353	231	65.44	338	95.75
History: Australian	59	32	54.24	58	98.31
History: Renaissance Italy	26	8	30.77	23	88.46
History: Revolutions	473	146	30.87	424	89.64
Industry & Enterprise Studies	6	5	83.33	6	100.00
Information Technology - IT Applications	109	63	57.80	104	95.41
Information Technology - Software Development	46	17	36.96	38	82.61
International Politics: International Studies	191	65	34.03	173	90.58
International Politics: National Politics	65	20	30.77	58	89.23
Legal Studies	394	203	51.52	364	92.39
Literature	512	148	28.91	491	95.90
LOTE: Albanian	3	2	66.67	3	100.00
LOTE: Arabic	7	5	71.43	7	100.00
LOTE: Armenian	0	0	-	0	-
LOTE: Auslan	4	4	100.00	4	100.00
LOTE: Bengali	0	0	-	0	-
LOTE: Bosnian	1	1	100.00	1	100.00
LOTE: Chinese FL	359	236	65.74	346	96.38
LOTE: Chinese SL	481	343	71.31	461	95.84
LOTE: Chinese SL Advanced	142	103	72.54	131	92.25
LOTE: Classical Greek	17	11	64.71	17	100.00
LOTE: Classical Hebrew	3	0	0.00	1	33.33
LOTE: Croatian	1	1	100.00	1	100.00
LOTE: Czech	0	0	-	0	-
LOTE: Dutch	4	3	75.00	4	100.00
LOTE: Filipino	2	2	100.00	2	100.00
LOTE: French	957	619	64.68	922	96.34
LOTE: German	326	220	67.48	313	96.01
LOTE: Greek	32	22	68.75	30	93.75
LOTE: Hebrew	53	39	73.58	49	92.45
LOTE: Hindi	11	7	63.64	11	100.00
LOTE: Hungarian	5	5	100.00	5	100.00
LOTE: Indigenous Languages of Victoria	1	1	100.00	1	100.00
LOTE: Indonesian FL	6	5	83.33	5	83.33
LOTE: Indonesian SL	211	137	64.93	198	93.84
LOTE: Italian	217	150	69.12	208	95.85
LOTE: Japanese FL	2	1	50.00	2	100.00
LOTE: Japanese SL	519	329	63.39	490	94.41
LOTE: Khmer	5	5	100.00	5	100.00
LOTE: Korean FL	14	10	71.43	14	100.00
LOTE: Korean SL	26	10	38.46	25	96.15
LOTE: Latin	134	87	64.93	129	96.27
LOTE: Macedonian	3	1	33.33	3	100.00
LOTE: Maltese	1	0	0.00	1	100.00
LOTE: Persian	3	3	100.00	3	100.00
LOTE: Polish	14	11	78.57	14	100.00

2010 Study	Number of students achieving a 2010 ATAR Subject Score in the top 5% (i.e. > 41) and also a 2010 ATAR	No of times the ATAR Subject Score was highest	Percentage where the ATAR Subject Score was highest	Number of times the ATAR Subject Score was in the Primary 4	Percentage where the ATAR Subject Score was in the Primary 4
LOTE: Portuguese	4	1	25.00	4	100.00
LOTE: Punjabi	5	4	80.00	4	80.00
LOTE: Romanian	3	2	66.67	3	100.00
LOTE: Russian	8	5	62.50	8	100.00
LOTE: Serbian	4	3	75.00	3	75.00
LOTE: Sinhala	11	6	54.55	10	90.91
LOTE: Spanish	10	5	50.00	10	100.00
LOTE: Swedish	5	2	40.00	5	100.00
LOTE: Tamil	6	4	66.67	5	83.33
LOTE: Turkish	10	6	60.00	8	80.00
LOTE: Ukrainian	2	1	50.00	2	100.00
LOTE: Vietnamese	82	56	68.29	74	90.24
LOTE: Yiddish	2	0	0.00	1	50.00
Maths: Further Mathematics	1061	531	50.05	955	90.01
Maths: Mathematical Methods	287	73	25.44	240	83.62
Maths: Mathematical Methods (CAS)	3683	1728	46.92	3322	90.20
Maths: Specialist Mathematics	1342	279	20.79	1080	80.48
Media	176	100	56.82	175	99.43
Music Performance: Group	46	26	56.52	39	84.78
Music Performance: Solo	106	44	41.51	93	87.74
Music Styles	14	4	28.57	10	71.43
Outdoor & Environmental Studies	51	40	78.43	50	98.04
Philosophy	71	23	32.39	60	84.51
Physical Education	342	200	58.48	326	95.32
Physics	909	152	16.72	688	75.69
Psychology	852	407	47.77	798	93.66
Religion & Society	101	35	34.65	86	85.15
Sociology	30	21	70.00	30	100.00
Studio Arts	152	104	68.42	150	98.68
Systems Engineering	9	8	88.89	9	100.00
Texts and Traditions	44	19	43.18	40	90.91
Theatre Studies	64	31	48.44	60	93.75
Visual Communication & Design	157	103	65.61	153	97.45
VET Business	12	9	75.00	12	100.00
VET Community Services	3	2	66.67	3	100.00
VET Dance	13	13	100.00	13	100.00
VET Electrotechnology	1	0	0.00	1	100.00
VET Engineering Studies - Cert II	1	1	100.00	1	100.00
VET Engineering Studies - Cert III	0	0	-	0	-
VET Equine Industry	6	2	33.33	6	100.00
VET Financial Services	4	3	75.00	4	100.00
VET Furnishing	1	1	100.00	1	100.00
VET Hospitality	9	8	88.89	9	100.00
VET Hospitality (Kitchen Operations)	10	7	70.00	10	100.00
VET Information Technology	7	6	85.71	7	100.00
VET Interactive Digital Media	13	10	76.92	13	100.00
VET Laboratory Skills	1	0	0.00	1	100.00
VET Multimedia	20	12	60.00	18	90.00
VET Music	6	5	83.33	6	100.00
VET Music Technical Production	5	4	80.00	5	100.00
VET Sport & Rec	27	19	70.37	26	96.30

H 6: LOTE Contribution to the Highest ATAR Subject Score & the Primary Four

The following table gives: the number of students completing each study in 2010 and qualifying for an ATAR, the number and percentage of times students doing the study also had a LOTE result, and the number and percentage of times the score in the LOTE was 'best' and/or used in the 'primary four' when calculating the 2010 ATAR aggregate (correct as of 2 February 2011).

2010 Study	Number of students achieving a 2010 ATAR Subject Score and 2010 ATAR	Number of those students with a numeric LOTE result from any year	% of Students	Number of students where LOTE ATAR Subject Score was highest	% of Students	% of students with a LOTE	Number of students where LOTE ATAR Subject Score in the Primary 4	% of students	% of students with a LOTE
Accounting	5129	1395	27.20	745	14.53	53.41	987	19.24	70.75
Agricultural & Horticultural Studies	194	4	2.06	2	1.03	50.00	3	1.55	75.00
Art	2256	276	12.23	149	6.60	53.99	217	9.62	78.62
Biology	8018	1226	15.29	692	8.63	56.44	952	11.87	77.65
Business Management	9305	917	9.85	542	5.82	59.11	720	7.74	78.52
Chemistry	8399	2854	33.98	1426	16.98	49.96	2020	24.05	70.78
Classical Societies and Cultures	363	79	21.76	36	9.92	45.57	66	18.18	83.54
Dance	252	27	10.71	15	5.95	55.56	19	7.54	70.37
Design & Technology	2745	161	5.87	94	3.42	58.39	125	4.55	77.64
Drama	1100	124	11.27	56	5.09	45.16	92	8.36	74.19
Economics	2165	431	19.91	235	10.85	54.52	336	15.52	77.96
English	39907	5935	14.87	3139	7.87	52.89	4464	11.19	75.21
English (ESL)	3208	2334	72.76	1198	37.34	51.33	1650	51.43	70.69
English Language	2308	557	24.13	319	13.82	57.27	423	18.33	75.94
Environmental Science	436	42	9.63	21	4.82	50.00	34	7.80	80.95
Food & Technology	2736	169	6.18	103	3.76	60.95	135	4.93	79.88
Geography	1678	150	8.94	82	4.89	54.67	113	6.73	75.33
Health & Human Development	10373	779	7.51	468	4.51	60.08	636	6.13	81.64
History: Australian	900	66	7.33	35	3.89	53.03	55	6.11	83.33
History: Renaissance Italy	173	39	22.54	21	12.14	53.85	31	17.92	79.49
History: Revolutions	4384	658	15.01	346	7.89	52.58	517	11.79	78.57
Industry & Enterprise Studies	203	6	2.96	4	1.97	66.67	6	2.96	100.00
Information Technology - IT Applications	2377	266	11.19	166	6.98	62.41	203	8.54	76.32
Information Technology - Software Development	852	61	7.16	31	3.64	50.82	44	5.16	72.13
International Politics: International Studies	1431	307	21.45	161	11.25	52.44	244	17.05	79.48
International Politics: National Politics	400	65	16.25	33	8.25	50.77	52	13.00	80.00
Legal Studies	6662	867	13.01	489	7.34	56.40	686	10.30	79.12
Literature	5244	1099	20.96	533	10.16	48.50	864	16.48	78.62
LOTE: Albanian	4	4	100.00	3	75.00	75.00	3	75.00	75.00
LOTE: Arabic	71	71	100.00	40	56.34	56.34	56	78.87	78.87
LOTE: Armenian	0	0	-	0	-	-	0	-	-
LOTE: Auslan	20	20	100.00	10	50.00	50.00	18	90.00	90.00
LOTE: Bengali	0	0	-	0	-	-	0	-	-
LOTE: Bosnian	10	10	100.00	6	60.00	60.00	6	60.00	60.00
LOTE: Chinese FL	728	728	100.00	336	46.15	46.15	514	70.60	70.60
LOTE: Chinese SL	440	440	100.00	189	42.95	42.95	269	61.14	61.14
LOTE: Chinese SL Advanced	87	87	100.00	45	51.72	51.72	62	71.26	71.26
LOTE: Classical Greek	18	18	100.00	9	50.00	50.00	15	83.33	83.33
LOTE: Classical Hebrew	0	0	-	0	-	-	0	-	-
LOTE: Croatian	18	18	100.00	12	66.67	66.67	15	83.33	83.33
LOTE: Czech	0	0	-	0	-	-	0	-	-
LOTE: Dutch	2	2	100.00	0	0.00	0.00	0	0.00	0.00
LOTE: Filipino	33	33	100.00	25	75.76	75.76	29	87.88	87.88
LOTE: French	1649	1649	100.00	886	53.73	53.73	1324	80.29	80.29
LOTE: German	621	621	100.00	329	52.98	52.98	487	78.42	78.42
LOTE: Greek	102	102	100.00	57	55.88	55.88	75	73.53	73.53
LOTE: Hebrew	22	22	100.00	11	50.00	50.00	14	63.64	63.64
LOTE: Hindi	12	12	100.00	1	8.33	8.33	5	41.67	41.67
LOTE: Hungarian	1	1	100.00	1	100.00	100.00	1	100.00	100.00
LOTE: Indigenous Languages of Victoria	1	1	100.00	1	100.00	100.00	1	100.00	100.00
LOTE: Indonesian FL	11	11	100.00	5	45.45	45.45	6	54.55	54.55
LOTE: Indonesian SL	614	614	100.00	333	54.23	54.23	487	79.32	79.32
LOTE: Italian	760	760	100.00	410	53.95	53.95	584	76.84	76.84
LOTE: Japanese FL	12	12	100.00	7	58.33	58.33	11	91.67	91.67
LOTE: Japanese SL	1099	1099	100.00	608	55.32	55.32	844	76.80	76.80
LOTE: Khmer	6	6	100.00	4	66.67	66.67	4	66.67	66.67
LOTE: Korean FL	17	17	100.00	9	52.94	52.94	14	82.35	82.35
LOTE: Korean SL	13	13	100.00	11	84.62	84.62	11	84.62	84.62
LOTE: Latin	146	146	100.00	104	71.23	71.23	133	91.10	91.10
LOTE: Macedonian	20	20	100.00	12	60.00	60.00	15	75.00	75.00
LOTE: Maltese	0	0	-	0	-	-	0	-	-
LOTE: Persian	35	35	100.00	17	48.57	48.57	23	65.71	65.71
LOTE: Polish	12	12	100.00	10	83.33	83.33	11	91.67	91.67

2010 Study	Number of students achieving a 2010 ATAR Subject Score and 2010 ATAR	Number of those students with a numeric LOTE result from any year	% of Students	Number of students where LOTE ATAR Subject Score was highest	% of Students	% of students with a LOTE	Number of students where LOTE ATAR Subject Score in the Primary 4	% of students	% of students with a LOTE
LOTE: Portuguese	13	13	100.00	7	53.85	53.85	11	84.62	84.62
LOTE: Punjabi	24	24	100.00	14	58.33	58.33	15	62.50	62.50
LOTE: Romanian	5	5	100.00	3	60.00	60.00	4	80.00	80.00
LOTE: Russian	10	10	100.00	5	50.00	50.00	8	80.00	80.00
LOTE: Serbian	14	14	100.00	10	71.43	71.43	12	85.71	85.71
LOTE: Sinhala	10	10	100.00	6	60.00	60.00	10	100.00	100.00
LOTE: Spanish	62	62	100.00	36	58.06	58.06	49	79.03	79.03
LOTE: Swedish	5	5	100.00	2	40.00	40.00	4	80.00	80.00
LOTE: Tamil	1	1	100.00	0	0.00	0.00	0	0.00	0.00
LOTE: Turkish	115	115	100.00	67	58.26	58.26	87	75.65	75.65
LOTE: Ukrainian	3	3	100.00	1	33.33	33.33	3	100.00	100.00
LOTE: Vietnamese	164	164	100.00	91	55.49	55.49	112	68.29	68.29
LOTE: Yiddish	0	0	-	0	-	-	0	-	-
Maths: Further Mathematics	25297	4005	15.83	2274	8.99	56.78	3060	12.10	76.40
Maths: Mathematical Methods	0	0	-	0	-	-	0	-	-
Maths: Mathematical Methods (CAS)	14108	5058	35.85	2496	17.69	49.35	3544	25.12	70.07
Maths: Specialist Mathematics	4258	1811	42.53	711	16.70	39.26	1087	25.53	60.02
Media	3912	330	8.44	173	4.42	52.42	255	6.52	77.27
Music Performance: Group	524	47	8.97	30	5.73	63.83	38	7.25	80.85
Music Performance: Solo	1089	186	17.08	96	8.82	51.61	139	12.76	74.73
Music Styles	115	21	18.26	5	4.35	23.81	12	10.43	57.14
Outdoor & Environmental Studies	1640	51	3.11	24	1.46	47.06	42	2.56	82.35
Philosophy	763	101	13.24	65	8.52	64.36	84	11.01	83.17
Physical Education	7894	477	6.04	284	3.60	59.54	374	4.74	78.41
Physics	6531	1735	26.57	726	11.12	41.84	1080	16.54	62.25
Psychology	12630	1426	11.29	839	6.64	58.84	1126	8.92	78.96
Religion & Society	788	88	11.17	36	4.57	40.91	58	7.36	65.91
Sociology	441	30	6.80	15	3.40	50.00	23	5.22	76.67
Studio Arts	4792	452	9.43	256	5.34	56.64	356	7.43	78.76
Systems Engineering	582	20	3.44	11	1.89	55.00	15	2.58	75.00
Texts and Traditions	347	67	19.31	34	9.80	50.75	56	16.14	83.58
Theatre Studies	673	104	15.45	59	8.77	56.73	79	11.74	75.96
Visual Communication & Design	5102	710	13.92	417	8.17	58.73	567	11.11	79.86
VET Business	331	27	8.16	20	6.04	74.07	27	8.16	100.00
VET Community Services	223	13	5.83	7	3.14	53.85	9	4.04	69.23
VET Dance	81	6	7.41	3	3.70	50.00	4	4.94	66.67
VET Electrotechnology	94	1	1.06	0	0.00	0.00	0	0.00	0.00
VET Engineering Studies - Cert II	120	5	4.17	4	3.33	80.00	4	3.33	80.00
VET Engineering Studies - Cert III	1	0	0.00	0	0.00	-	0	0.00	-
VET Equine Industry	69	4	5.80	0	0.00	0.00	3	4.35	75.00
VET Financial Services	80	1	1.25	1	1.25	100.00	1	1.25	100.00
VET Furnishing	69	3	4.35	2	2.90	66.67	3	4.35	100.00
VET Hospitality	299	33	11.04	16	5.35	48.48	27	9.03	81.82
VET Hospitality (Kitchen Operations)	266	30	11.28	21	7.89	70.00	25	9.40	83.33
VET Information Technology	238	15	6.30	9	3.78	60.00	12	5.04	80.00
VET Interactive Digital Media	710	52	7.32	37	5.21	71.15	43	6.06	82.69
VET Laboratory Skills	6	0	0.00	0	0.00	-	0	0.00	-
VET Multimedia	0	0	-	0	-	-	0	-	-
VET Music	166	16	9.64	10	6.02	62.50	13	7.83	81.25
VET Music Technical Production	254	12	4.72	8	3.15	66.67	10	3.94	83.33
VET Sport & Rec	616	13	2.11	9	1.46	69.23	9	1.46	69.23

Percentage of Study Populations Achieving Various Minimum ATAR Levels

The following tables give the studies and the percentage of the 2010 study population achieving ATAR Subject Scores in that study and 2010 ATARs (correct as of 2 February 2011) in the respective ranges.

For ATARs of at least 98.00 only those studies whose population proportion exceeded 10% are listed.

For ATARs of at least 95.00 only those studies whose population proportion exceeded 12% are listed.

For ATARs of at least 90.00 only those studies whose population proportion exceeded 20% are listed.

In all three cases, studies with fewer than 21 students achieving an ATAR Subject Score and ATAR have been excluded.

H 7: Percentage of Study Population Achieving a 2010 ATAR \geq 98

2010 Study	Percentage of Study Population with ATAR \geq 98
LOTE: Latin	48.59
LOTE: Classical Greek	31.82
LOTE: Hebrew	26.32
Maths: Mathematical Methods	23.45
LOTE: Sinhala	17.14
LOTE: French	15.35
Maths: Specialist Mathematics	14.26
LOTE: Chinese SL Advanced	13.85
LOTE: Hindi	12.50
LOTE: Chinese SL	12.47
LOTE: German	11.55
LOTE: Korean SL	10.71
Chemistry	10.21

H 8: Percentage of Study Population Achieving a 2010 ATAR \geq 95

2010 Study	Percentage of Study Population with ATAR \geq 95
LOTE: Latin	70.62
LOTE: Classical Greek	54.55
LOTE: Hebrew	48.68
Maths: Mathematical Methods	41.39
LOTE: French	32.73
LOTE: Chinese SL	31.47
Maths: Specialist Mathematics	29.94
LOTE: Sinhala	28.57
LOTE: Korean SL	28.57
LOTE: Chinese SL Advanced	27.70
LOTE: German	23.25
Chemistry	23.02
History: Renaissance Italy	22.97
LOTE: Japanese SL	20.30
LOTE: Hindi	18.75
Maths: Mathematical Methods (CAS)	17.41
International Politics: National Politics	16.36
LOTE: Polish	16.33
Classical Societies and Cultures	15.38
Music Styles	15.20
LOTE: Indonesian SL	15.11
International Politics: International Studies	14.99
Physics	14.55
English Language	14.21

H 9: Percentage of Study Population Achieving a 2010 ATAR \geq 90

2010 Study	Percentage of Study Population with ATAR \geq 90
LOTE: Latin	84.18
LOTE: Classical Greek	81.82
LOTE: Hebrew	63.16
Maths: Mathematical Methods	59.68
LOTE: French	52.25
LOTE: Chinese SL	50.70
Maths: Specialist Mathematics	49.24
LOTE: Chinese SL Advanced	46.96
LOTE: Korean SL	46.43
LOTE: German	40.94
Chemistry	40.12
LOTE: Japanese SL	38.04
LOTE: Sinhala	37.14
History: Renaissance Italy	33.97
Maths: Mathematical Methods (CAS)	32.55
LOTE: Hindi	31.25
LOTE: Indonesian SL	28.35
Physics	28.14
International Politics: National Politics	27.27
LOTE: Korean FL	27.27
International Politics: International Studies	27.08
Classical Societies and Cultures	26.34
English Language	25.26
LOTE: Italian	25.22
Economics	24.81
Music Styles	24.80
LOTE: Chinese FL	22.81
LOTE: Polish	22.45
Texts and Traditions	22.03
English (ESL)	21.90
Literature	20.71

Note: Students should not deduce from these tables to do one of the studies listed.

Maximum ATAR Subject Score by Study at Various ATAR levels

The following tables give the studies and the percentage of students' maximum ATAR Subject Scores achieved in those studies, for students with 2010 ATARs in the top 10%, 5% and 2% (correct as of 2 February 2011). Only those studies where the percentage exceeded 2% are listed and percentages are of cases where the maximum ATAR Subject Score was achieved in any year.

Each student has at most one maximum ATAR Subject Score unless a tie on 50.00 occurs.

H 10: Percentage of Maximum ATAR Subject Score per Study for a 2010 ATAR \geq 98

2010 Study	Percentage Achieved in Any Year	Percentage Achieved in 2010
English	10.99	10.92
Maths: Specialist Mathematics	10.06	9.84
Maths: Mathematical Methods (CAS)	9.41	8.41
LOTE: French	8.55	7.47
Maths: Further Mathematics	5.46	3.74
Chemistry	4.74	4.67
Psychology	4.60	2.80
LOTE: Latin	3.95	3.52
Biology	3.52	2.01
LOTE: Chinese SL	3.30	0.57
Physics	2.80	2.66
LOTE: German	2.44	2.23
Legal Studies	2.30	1.80
Others	27.87	

H 11: Percentage of Maximum ATAR Subject Score per Study for a 2010 ATAR \geq 95

2010 Study	Percentage Achieved in Any Year	Percentage Achieved in 2010
Maths: Mathematical Methods (CAS)	13.49	12.17
English	10.71	10.62
LOTE: French	7.67	6.76
Maths: Specialist Mathematics	6.24	6.16
Maths: Further Mathematics	5.27	3.55
Chemistry	4.35	4.24
Psychology	4.18	2.78
Biology	3.35	1.75
LOTE: Chinese SL	3.35	0.63
Physics	2.35	2.26
Legal Studies	2.35	1.95
LOTE: Japanese SL	2.35	1.89
LOTE: German	2.21	1.95
LOTE: Latin	2.15	1.92
Others	29.98	

H 12: Percentage of Maximum ATAR Subject Score per Study for a 2010 ATAR \geq 90

2010 Study	Percentage Achieved in Any Year	Percentage Achieved in 2010
Maths: Mathematical Methods (CAS)	16.75	15.65
English	9.99	9.93
LOTE: French	6.65	5.91
Maths: Further Mathematics	5.56	4.30
Psychology	4.60	3.27
Maths: Specialist Mathematics	3.92	3.88
Chemistry	3.60	3.53
Biology	3.25	1.80
LOTE: Chinese SL	3.06	0.73
LOTE: Japanese SL	2.64	2.25
Legal Studies	2.57	2.16
Health & Human Development	2.42	1.70
Physical Education	2.22	1.45
Others	32.76	

ATAR Distributions

H 13: Gender Breakdown in Various 2010 ATAR Ranges.

The following table gives the breakdown between males and females, in various ATAR ranges, of Victorian ATARs actually achieved in 2010 (correct as of 2 February 2011).

ATAR Range	Gender	Count	Average ATAR	Standard Deviation of ATAR
All	Female	26,140	65.83	21.48
	Male	21,686	63.28	22.45
90-99.95	Female	3,902	94.93	2.86
	Male	2,991	95.09	2.90
80-89.95	Female	4,177	84.94	2.90
	Male	3,093	84.84	2.87
70-79.95	Female	4,117	74.97	2.92
	Male	3,054	74.98	2.88
60-69.95	Female	3,973	64.97	2.85
	Male	3,125	65.00	2.88
50-59.95	Female	3,466	55.13	2.90
	Male	2,948	55.06	2.88
40-49.95	Female	3,042	45.10	2.88
	Male	2,768	45.09	2.93
30-39.95	Female	1,967	35.78	2.61
	Male	2,071	35.65	2.66
20-29.95	Female	831	25.35	2.88
	Male	900	25.29	2.86
<20	Female	3,132	77.26	15.16
	Male	3,132	77.26	15.16

H 14. The distribution of 2010 ATARs for VCE students born on or after 1/1/1994

The distribution of 2010 ATARs (correct as of 2 February 2011) for VCE students born on or after 1/1/1994 is as follows:

ATAR Range	Count	Percentage	Cumulative Count	Cumulative Percentage
95 - 99.95	22	24.4	22	24.4
90 - 94.95	5	5.6	27	30.0
85 - 89.95	14	15.6	41	45.6
80 - 84.95	7	7.8	48	53.3
75 - 79.95	7	7.8	55	61.1
70 - 74.95	7	7.8	62	68.9
65 - 69.95	10	11.1	72	80.0
60 - 64.95	3	3.3	75	83.3
55 - 59.95	2	2.2	77	85.6
50 - 54.95	3	3.3	80	88.9
45 - 49.95	3	3.3	83	92.2
40 - 44.95	2	2.2	85	94.4
35 - 39.95	2	2.2	87	96.7
30 - 34.95	0	0.0	87	96.7
25 - 29.95	1	1.1	88	97.8
20 - 24.95	1	1.1	89	98.9
15 - 19.95	0	0.0	89	98.9
10 - 14.95	1	1.1	90	100.0
5 - 9.95	0	0.0	90	100.0
0 - 4.95	0	0.0	90	100.0
All	90	100.0		

H 15. The distribution of 2010 ATARs by Region

The distribution of 2010 ATARs (correct as of 2 February 2011), in various ATAR Bands, by Region is as follows. Region defined in terms of home postcode as detailed in earlier tables.

Region	ATAR Band																Total		
	95 - 99.95	90 - 94.95	85 - 89.95	80 - 84.95	75 - 79.95	70 - 74.95	65 - 69.95	60 - 64.95	55 - 59.95	50 - 54.95	45 - 49.95	40 - 44.95	35 - 39.95	30 - 34.95	25 - 29.95	20 - 24.95		10-19.95	0-9.95
Barwon	112	122	149	166	180	173	179	207	182	175	174	135	129	73	47	42	62	21	2328
Central Highlands	68	67	66	81	97	100	106	85	100	111	83	72	74	36	30	27	32	20	1255
East Gippsland	22	18	36	36	47	51	56	56	60	36	48	49	44	23	11	7	10	3	613
Gippsland	42	72	81	96	91	94	116	116	95	108	87	100	99	55	31	21	31	15	1350
Goulburn	40	49	66	103	94	78	128	118	127	128	136	128	118	91	54	51	68	20	1597
Loddon	54	84	118	113	121	121	132	114	138	124	118	101	94	47	23	26	19	0	1547
Mallee	10	24	27	50	46	63	54	72	63	53	64	71	38	34	21	16	20	5	731
Ovens-Murray	18	29	50	59	54	58	57	74	57	88	59	57	57	36	13	14	23	6	809
Western District	28	34	55	65	66	66	88	83	74	89	72	74	49	29	23	7	13	4	919
Wimmera	13	19	29	23	31	37	19	38	26	43	31	30	24	13	6	8	6	2	398
Melbourne: City	72	45	52	54	45	51	41	31	35	30	27	18	15	11	4	4	12	2	549
Melbourne: NE Suburbs	985	875	724	690	570	555	451	437	369	289	241	239	175	107	64	46	47	14	6878
Melbourne: SE Suburbs	708	542	542	497	471	449	423	368	376	329	323	292	250	154	93	79	108	41	6045
Melbourne: Outskirts	224	307	382	452	447	494	530	572	547	505	498	523	473	298	215	149	204	72	6892
Melbourne: N Suburbs	465	476	531	503	515	528	532	521	511	454	490	410	399	257	175	121	195	60	7143
Melbourne: S Suburbs	336	294	319	291	273	284	242	246	177	222	198	160	121	82	45	37	48	8	3383
Melbourne: W Suburbs	235	259	283	332	369	324	360	353	316	301	338	303	282	208	98	111	142	62	4676
Victoria - TOTAL	3432	3316	3510	3611	3517	3526	3514	3491	3253	3085	2987	2762	2441	1554	953	766	1040	355	47113
ACT	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3
NSW	31	38	37	41	32	31	26	24	24	16	17	18	23	5	5	5	3	0	376
NT	0	0	2	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	6
Qld	1	2	1	0	1	1	2	0	0	0	1	0	1	1	0	0	0	0	11
SA	0	1	1	1	1	5	0	3	2	1	0	1	3	0	1	0	0	0	20
Tas	0	1	1	1	1	1	1	0	2	1	0	0	0	0	0	0	0	0	9
WA	0	0	1	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	5
Interstate - Total	32	42	43	46	38	40	30	27	29	18	19	19	27	6	6	5	3	0	430
Unknown	28	43	26	34	24	26	17	19	16	13	10	13	7	3	1	0	3	0	283
TOTAL	3492	3401	3579	3691	3579	3592	3561	3537	3298	3116	3016	2794	2475	1563	960	771	1046	355	47826