

Section H

Scaling Data

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H1: 2012 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 Admission Ranks (ATARs). Candidates are in the 2012 scaling population if, excluding small studies, they have obtained at least one VCAA study score in 2012, at least four in total, at least one in an English study [English, English (SL), English Language or Literature], but do not already have an ATAR. The scaling population is therefore a subset of the entire population. The means and standard deviations below pertain to the scaling population in 2012.

The following table gives the 2012 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 an indication of how scaling adjusts scores in the various studies.

2012 Study	Mean	St. Dev.	20	25	30	35	40	45	50
Accounting	30.5	7.2	19	24	30	35	41	46	50
Agricultural & Horticultural Studies	24.5	6.6	15	19	23	28	34	41	50
Art	27.3	7.7	15	20	26	32	39	45	50
Biology	30.4	7.2	19	25	30	36	41	46	50
Business Management	26.6	7.1	16	21	26	31	37	43	50
Chemistry	34.1	7.2	22	29	34	40	44	48	50
Classical Societies & Cultures	30.8	7.8	19	25	31	36	42	47	50
Dance	28.9	6.6	19	23	28	33	38	43	50
Design & Technology	24.4	7.0	13	18	23	28	34	42	50
Drama	28.4	7.4	17	23	28	33	39	45	50
Economics	32.0	7.2	21	27	32	37	42	47	50
English	28.2	7.5	17	22	28	33	39	45	50
English (ESL)	29.0	8.0	17	22	29	35	41	46	50
English Language	31.5	7.4	20	26	31	37	42	47	50
Environmental Science	28.9	7.4	17	22	28	33	39	45	50
Food & Technology	24.0	7.0	14	18	23	28	34	41	50
Geography	29.0	7.2	18	23	29	34	40	45	50
Health & Human Development	26.3	7.2	16	20	25	31	37	43	50
History:									
Australian History	27.7	8.0	15	21	27	33	40	45	50
Renaissance Italy	32.6	7.6	20	27	33	38	43	47	50
Revolutions	29.9	7.6	18	24	30	35	41	46	50
Industry & Enterprise Studies	24.0	7.6	10	14	20	26	34	43	50
Information Technology:									
Software Development	28.0	6.9	18	22	27	32	38	44	50
IT Applications	25.7	7.0	15	20	25	30	36	43	50
Politics:									
Australian Politics	32.9	7.3	21	27	33	38	43	47	50
Global Politics	32.6	7.3	21	27	33	38	43	47	50
Legal Studies	28.5	7.5	17	22	28	34	40	45	50
Literature	31.1	7.2	20	26	31	36	41	46	50
VCE Languages:									
Albanian	Small Study, see Notes 1 & 2 below								
Arabic	29.2	6.7	19	24	28	33	38	44	50
Armenian	Small Study, see Notes 1 & 2 below								
Auslan	32.4	6.3	23	29	34	38	43	47	50
Bosnian	31.0	7.9	20	25	30	35	40	45	50
Chinese (FL)	34.9	7.5	20	27	34	40	45	48	50
Chinese (SL)	40.4	6.7	30	36	42	46	49	52	54
Chinese (SL Advanced)	38.2	7.5	25	32	38	44	48	52	53
Classical Greek	45.0	5.9	34	41	45	49	52	54	55
Classical Hebrew	No candidates for scaling in 2012								
Croatian	33.9	5.2	26	30	34	38	42	45	50
Dutch	Small Study, see Notes 1 & 2 below								
Filipino	32.0	5.7	23	28	32	36	40	45	50
French	40.7	6.3	31	37	41	46	49	51	53
German	38.9	6.5	28	34	39	44	47	50	52
Greek	34.8	7.3	23	30	35	40	45	48	50
Hebrew	43.4	7.1	30	38	45	49	52	54	55
Hindi	34.1	8.5	20	27	34	40	45	49	51
Hungarian	Small Study, see Notes 1 & 2 below								
Indigenous Languages of Victoria	No candidates for scaling in 2012								
Indonesian (FL)	32.8	7.1	21	27	33	38	43	47	50
Indonesian (SL)	36.5	6.8	25	32	37	42	46	49	50
Italian	37.0	6.7	27	33	38	42	46	48	50
Japanese (FL)	28.7	7.0	16	21	26	31	37	43	50
Japanese (SL)	38.4	6.7	28	34	39	44	47	50	52
Khmer	32.4	6.2	21	26	31	36	41	46	50
Korean (FL)	35.6	6.7	20	27	33	39	44	48	50
Korean (SL)	39.2	6.8	28	34	39	44	47	51	53
Latin	45.0	6.4	35	42	46	50	52	54	55
Macedonian	31.1	6.4	21	25	30	35	40	45	50
Maltese	No candidates for scaling in 2012								

2012 Study	Mean	St. Dev.	20	25	30	35	40	45	50
Persian	30.8	7.4	19	25	30	35	41	46	50
Polish	37.4	7.2	24	30	36	41	46	49	52
Portuguese	35.6	8.3	22	29	35	41	46	50	52
Punjabi	32.1	7.4	20	26	33	39	44	48	50
Romanian	Small Study, see Notes 1 & 2 below								
Russian	36.7	6.7	27	31	36	40	43	47	50
Serbian	28.8	4.9	23	26	30	33	37	42	50
Sinhala	36.6	7.5	23	31	37	42	47	50	52
Spanish	34.5	7.2	23	29	35	40	44	48	50
Swedish	Small Study, see Notes 1 & 2 below								
Tamil	Small Study, see Notes 1 & 2 below								
Turkish	29.9	6.3	20	25	29	34	39	44	50
Ukrainian	Small Study, see Notes 1 & 2 below								
Vietnamese	34.4	7.1	23	29	34	39	44	47	50
Yiddish	Small Study, see Notes 1 & 2 below								
Mathematics:									
Further Mathematics	28.0	7.0	18	23	28	33	38	44	50
Mathematical Methods (CAS)	35.1	7.1	24	30	36	41	45	48	50
Specialist Mathematics	41.3	7.4	30	37	42	47	51	53	55
Media	26.4	7.3	15	20	25	31	37	44	50
Music:									
Music Performance	30.0	7.2	19	25	30	35	41	46	50
Music Investigation	30.9	6.9	21	26	30	35	40	45	50
Music Styles	31.4	7.8	17	24	30	37	43	47	50
Outdoor & Environmental Studies	24.8	6.7	15	19	24	29	35	42	50
Philosophy	29.8	7.6	17	23	29	35	41	46	50
Physical Education	27.4	7.2	17	22	27	32	38	44	50
Physics	32.3	7.2	21	26	32	38	43	47	50
Psychology	28.5	7.2	17	22	28	33	39	45	50
Religion & Society	30.2	7.0	19	25	30	35	40	45	50
Sociology	26.6	7.7	14	19	25	31	37	44	50
Studio Arts	26.1	7.3	15	20	25	31	37	43	50
Systems Engineering	24.8	6.4	15	19	24	29	35	41	50
Texts & Traditions	30.7	7.2	19	24	30	35	41	46	50
Theatre Studies	29.4	7.3	18	23	29	34	40	45	50
Visual Communication & Design	26.6	7.2	16	21	26	31	37	44	50
VCE VET:									
VCE VET Business	24.4	6.8	15	19	23	28	34	40	50
VCE VET Community Services	23.9	6.5	13	17	22	27	33	40	50
VCE VET Dance	25.6	6.9	16	21	25	30	36	42	50
VCE VET Integrated Technologies	25.2	6.5	14	18	23	28	33	40	50
VCE VET Engineering Studies – Cert II	24.4	5.8	17	20	23	27	31	41	50
VCE VET Equine Industry	27.6	6.7	17	21	26	31	37	43	50
VCE VET Financial Services	Small Study, see Note 1 below								
VCE VET Furniture Making	23.1	6.1	14	18	22	26	32	38	50
VCE VET Hospitality	26.4	6.7	16	20	25	30	35	42	50
VCE VET Hospitality – Kitchen Operations	25.1	6.6	15	19	24	29	35	41	50
VCE VET Information Technology	23.5	6.0	15	18	23	27	33	40	50
VCE VET Interactive Digital Media	25.8	6.8	16	20	25	30	36	42	50
VCE VET Laboratory Skills	Small Study, see Note 1 below								
VCE VET Music	25.6	6.6	16	20	25	30	35	42	50
VCE VET Technical Production	26.8	6.7	17	21	26	31	37	43	50
VCE VET Sport & Recreation	24.4	6.8	14	18	23	28	34	41	50

NOTES:

1. Small Studies were not scaled by the automatic procedure, since their eligible scaling population was less than or equal to ten. The means and standard deviations are not given in these cases, since they are not as useful.
2. For small VCE Languages, the Language adjustment is the maximum of zero and the average Language adjustment over the previous three years. The following table gives the ATAR Subject Scores for small VCE Languages in 2012.

Small VCE Language Study Score	1	2	3	4	5	6	7	8	9	10
2012 ATAR Subject Score	1.0	2.0	3.1	4.3	5.5	6.7	7.9	9.2	10.4	11.7
Small VCE Language Study Score	11	12	13	14	15	16	17	18	19	20
2012 ATAR Subject Score	13.0	14.3	15.5	16.8	18.1	19.3	20.6	21.8	23.0	24.2
Small VCE Language Study Score	21	22	23	24	25	26	27	28	29	30
2012 ATAR Subject Score	25.4	26.6	27.8	28.9	30.1	31.2	32.3	33.3	34.4	35.4
Small VCE Language Study Score	31	32	33	34	35	36	37	38	39	40
2012 ATAR Subject Score	36.4	37.4	38.4	39.3	40.2	41.1	42.0	42.9	43.7	44.5
Small VCE Language Study Score	41	42	43	44	45	46	47	48	49	50
2012 ATAR Subject Score	45.3	46.0	46.8	47.5	48.2	48.8	49.5	50.0	50.6	50.9

H2: 2012 Scaled Aggregate Table

Based on the 2012 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	Min Scaled Aggregate for ATAR
40.00	88.8
45.00	94.6
50.00	101.8
55.00	108.2
60.00	114.1
62.00	116.6
64.00	119.1
65.00	120.5
66.00	121.7
68.00	124.2
70.00	126.7
72.00	129.3
74.00	132.2
75.00	133.5
76.00	134.9
78.00	137.7
80.00	140.7
82.00	143.8
84.00	147.2
85.00	149.1
86.00	151.0
88.00	154.8
90.00	158.9
91.00	161.0
92.00	163.6
93.00	166.0
94.00	168.6
95.00	171.9
96.00	175.5
97.00	179.6
97.50	182.0
98.00	184.8
98.50	187.9
99.00	192.0
99.25	194.5
99.50	197.5
99.60	198.8
99.70	200.6
99.80	203.6
99.90	207.2

Information on the 2012 Scaling and Aggregation Process

In the 2012 scaling and aggregation process, correct as of 21 January 2013:

- 46,999 students received a scaled aggregate and an ATAR, with
 - ❖ 24,446 (52.01%) having six results contribute to their ATAR
 - ❖ 19,474 (41.43%) having five results contribute to their ATAR
 - ❖ 3,079 (6.55%) having four results contribute to their ATAR
- 557 ATAR subject scores above 50 were used in aggregation, with
 - ❖ 454 being for results in 2012 studies
 - ❖ 92 being for results in 2011 studies
 - ❖ 11 being for results in 2010 studies or earlier
- 506 students (1.08% of those receiving an ATAR) used at least one ATAR subject score above 50 in their aggregate.
- 46 students (9.09% of those having at least one ATAR subject score above 50 and 0.10% of those receiving an ATAR) made use of more than one ATAR subject score above 50 in their aggregate.
- 386 students (0.82% of those receiving an ATAR) had a Higher Education Study result contribute to their aggregate
 - ❖ 63 (0.13%) being a contribution of 5.0
 - ❖ 114 (0.24%) being a contribution of 4.5
 - ❖ 130 (0.28%) being a contribution of 4.0
 - ❖ 56 (0.12%) being a contribution of 3.5, and
 - ❖ 23 (0.05%) being a contribution of 3.0
- 2,667 students (5.67% of those receiving an ATAR) had one VET increment – 10% of the average of the primary four aggregate – available for use in their aggregate
- 802 students (1.71% 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 460 cases only one ATAR subject score above 50 was available for aggregation, with
 - ◆ 381 instances of ATAR subject scores above 50 from 2012 studies
 - ◆ 68 instances of ATAR subject scores above 50 from 2011 studies
 - ◆ 11 instances of ATAR subject scores above 50 from 2010 studies or earlier
- ❖ in 41 cases two ATAR subject scores above 50 were available for aggregation, with
 - ◆ 19 combinations of two ATAR subject scores above 50 from 2012 studies
 - ◆ 22 combinations of one ATAR subject score above 50 from a 2012 study and one ATAR subject score above 50 from an earlier study
- ❖ in 5 cases three ATAR subject scores above 50 were available for aggregation, with
 - ◆ 3 combinations of three ATAR subject scores above 50 from 2012 studies
 - ◆ 2 combination of two ATAR subject scores above 50 from 2012 studies and one ATAR subject score above 50 from an earlier study

Analysis of ATAR Subject Scores above 50

In detail, the 506 students making use of the 557 ATAR subject scores above 50 in their 2012 ATAR did so in the following combinations:

Single Study:

<p>293 in Specialist Mathematics 289 achieved in 2012 4 achieved earlier</p> <p>56 in French 41 achieved in 2012 15 achieved earlier</p> <p>34 in Chinese (SL) 6 achieved in 2012 28 achieved earlier</p> <p>21 in Latin 19 in achieved in 2012 2 achieved earlier</p> <p>14 in German 9 achieved in 2012 5 achieved earlier</p> <p>14 in Chinese (SL) Advanced 3 achieved in 2012 11 achieved earlier</p>	<p>13 in Japanese (SL) 8 achieved in 2012 5 achieved earlier</p> <p>9 in Hebrew 2 achieved in 2012 7 achieved earlier</p> <p>3 in Classical Greek 1 achieved in 2012 2 achieved earlier</p> <p>2 in Italian achieved in 2012</p> <p>1 in Romanian achieved in 2012</p>
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Two Studies:

<p>12 in Specialist Mathematics and Latin 9 with both in 2012 and 3 with Specialist Mathematics in 2012 and Latin in 2011</p> <p>11 in Specialist Mathematics and Chinese (SL) with Specialist Maths in 2012 and Chinese (SL) in 2011</p> <p>7 in Specialist Mathematics and French 5 with both in 2012 2 with Specialist Maths in 2012 and French in 2011</p> <p>2 in Specialist Mathematics and Japanese (SL) 1 with both in 2012 1 with Specialist Maths in 2012 and Japanese (SL) in 2011</p> <p>1 in Specialist Mathematics and Hebrew with Spec. Math. in 2012 and Hebrew in 2011</p>	<p>4 in Latin and French 2 with both in 2012 and 2 with French in 2012 and Latin in 2011</p> <p>1 in Latin and Classical Greek with both in 2012</p> <p>1 in Latin and Japanese (SL) with both in 2012</p> <p>1 in French and German with French in 2012 and German in 2011</p> <p>1 in Chinese (SL) and Japanese (SL) with Japanese (SL) in 2012 and Chinese (SL) in 2011</p>
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Three Studies:

<p>1 in Specialist Mathematics, Latin and French with all in 2012</p> <p>1 in Specialist Mathematics, Latin and Chinese (SL) with all in 2012</p> <p>1 in Specialist Mathematics, Chinese (SL) and Japanese (SL) with all in 2012</p>	<p>1 in Specialist Mathematics, Latin and Classical Greek with Specialist Mathematics and Classical Greek in 2012 and Latin in 2011</p> <p>1 in Specialist Mathematics, French and Hebrew with Specialist Mathematics and French in 2012 and Hebrew in 2011</p>
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H3: Individual Study Contribution to Highest ATAR Subject Score & the Primary Four

The following table gives the number of students (qualifying for a 2012 ATAR as of 21 January 2013) completing each study in 2012, 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 2012 ATAR (or ATAR aggregate).

2012 Study	Number of students achieving a 2012 ATAR Subject Score and 2012 ATAR	Number of times score is Highest Contributor to 2012 ATAR			Number of times score is a P4 Contributor to 2012 ATAR		
		Score achieved in 2012	Score achieved before 2012	% of 2012 achievers where the 2012 ATAR Subject score was highest	Score achieved in 2012	Score achieved before 2012	% of 2012 achievers where the 2012 ATAR Subject score was in the P4
Accounting	4462	618	96	13.85	2733	382	61.25
Agricultural & Horticultural Studies	189	31	8	16.40	142	19	75.13
Art	1782	305	17	17.12	1297	87	72.78
Biology	8454	1202	363	14.22	5768	1670	68.23
Business Management	9596	1735	238	18.08	7172	1129	74.74
Chemistry	8802	609	9	6.92	4528	61	51.44
Classical Societies and Cultures	380	69	2	18.16	283	30	74.47
Dance	229	42	49	18.34	149	143	65.07
Design & Technology	2625	541	56	20.61	1948	169	74.21
Drama	1087	235	40	21.62	772	160	71.02
Economics	1904	285	11	14.97	1253	56	65.81
English	38663	7436	86	19.23	38409	455	99.34
English (ESL)	3207	512	11	15.97	3207	35	100.00
English Language	2764	418	9	15.12	2731	47	98.81
Environmental Science	500	68	9	13.60	348	41	69.60
Food & Technology	3025	604	37	19.97	2292	177	75.77
Geography	1628	296	81	18.18	1160	334	71.25
Health & Human Development	9994	1587	325	15.88	7296	1303	73.00
History: Australian	883	130	26	14.72	660	104	74.75
History: Renaissance Italy	213	23	5	10.80	151	19	70.89
History: Revolutions	4419	730	76	16.52	3226	510	73.00
Industry & Enterprise Studies	119	25	2	21.01	95	12	79.83
Information Technology - IT Applications	1843	341	106	18.50	1315	393	71.35
Information Technology - Software Development	725	101	48	13.93	476	150	65.66
Legal Studies	7030	1115	130	15.86	5171	632	73.56
Literature	5111	708	51	13.85	4375	286	85.60
Maths: Further Mathematics	26300	5185	501	19.71	17166	1227	65.27
Maths: Mathematical Methods (CAS)	13757	2565	89	18.65	9915	763	72.07
Maths: Specialist Mathematics	3766	2020	7	53.64	3413	16	90.63
Media	3715	664	46	17.87	2769	179	74.54
Music Investigation	260	50	1	19.23	154	8	59.23
Music Performance	1369	327	69	23.89	871	196	63.62
Music Styles	112	16	4	14.29	71	17	63.39
Outdoor & Environmental Studies	1688	353	103	20.91	1270	363	75.24
Philosophy	756	123	13	16.27	558	52	73.81
Physical Education	7232	1180	203	16.32	5123	879	70.84
Physics	6588	365	4	5.54	3526	89	53.52
Politics: Australian Politics	318	48	0	15.09	227	0	71.38
Politics: Global Politics	1528	239	0	15.64	1077	0	70.48
Psychology	11727	1726	347	14.72	8546	1671	72.87
Religion & Society	849	206	106	24.26	648	409	76.33
Sociology	467	83	13	17.77	358	85	76.66
Studio Arts	4640	898	125	19.35	3385	323	72.95
Systems Engineering	648	114	7	17.59	418	31	64.51
Texts and Traditions	320	70	30	21.88	222	115	69.38
Theatre Studies	776	157	34	20.23	575	154	74.10
VCE Languages: Albanian	4	4	1	100.00	4	1	100.00
VCE Languages: Arabic	79	44	33	55.70	71	42	89.87
VCE Languages: Armenian	1	1	5	100.00	1	6	100.00
VCE Languages: Auslan	30	12	4	40.00	27	5	90.00
VCE Languages: Bosnian	5	2	5	40.00	5	8	100.00

2012 Study	Number of students achieving a 2012 ATAR Subject Score and 2012 ATAR	Number of times score is Highest Contributor to 2012 ATAR			Number of times score is a P4 Contributor to 2012 ATAR		
		Score achieved in 2012	Score achieved before 2012	% of 2012 achievers where the 2012 ATAR Subject score was highest	Score achieved in 2012	Score achieved before 2012	% of 2012 achievers where the 2012 ATAR Subject score was in the P4
VCE Languages: Chinese FL	740	296	211	40.00	653	475	88.24
VCE Languages: Chinese SL	435	169	274	38.85	313	413	71.95
VCE Languages: Chinese SL Advanced	112	54	116	48.21	90	196	80.36
VCE Languages: Classical Greek	17	10	5	58.82	16	7	94.12
VCE Languages: Croatian	13	6	7	46.15	9	9	69.23
VCE Languages: Dutch	3	0	1	0.00	3	3	100.00
VCE Languages: Filipino	30	14	7	46.67	28	12	93.33
VCE Languages: French	1733	872	90	50.32	1574	123	90.83
VCE Languages: German	623	305	51	48.96	543	67	87.16
VCE Languages: Greek	97	50	65	51.55	77	109	79.38
VCE Languages: Hebrew	20	9	23	45.00	15	44	75.00
VCE Languages: Hindi	16	9	10	56.25	15	13	93.75
VCE Languages: Hungarian	1	1	3	100.00	1	5	100.00
VCE Languages: Indonesian FL	15	9	2	60.00	14	5	93.33
VCE Languages: Indonesian SL	467	253	50	54.18	421	70	90.15
VCE Languages: Italian	778	413	27	53.08	705	40	90.62
VCE Languages: Japanese FL	7	4	8	57.14	6	13	85.71
VCE Languages: Japanese SL	1041	516	71	49.57	900	109	86.46
VCE Languages: Khmer	8	5	5	62.50	7	7	87.50
VCE Languages: Korean FL	4	3	6	75.00	4	26	100.00
VCE Languages: Korean SL	10	4	12	40.00	8	28	80.00
VCE Languages: Latin	166	84	9	50.60	140	26	84.34
VCE Languages: Macedonian	36	23	12	63.89	28	17	77.78
VCE Languages: Persian	46	26	16	56.52	40	29	86.96
VCE Languages: Polish	4	3	19	75.00	4	24	100.00
VCE Languages: Portuguese	11	6	0	54.55	10	0	90.91
VCE Languages: Punjabi	28	17	7	60.71	24	11	85.71
VCE Languages: Romanian	7	5	2	71.43	7	2	100.00
VCE Languages: Russian	8	3	7	37.50	6	13	75.00
VCE Languages: Serbian	15	9	9	60.00	15	11	100.00
VCE Languages: Sinhala	11	4	7	36.36	10	16	90.91
VCE Languages: Spanish	53	33	14	62.26	42	31	79.25
VCE Languages: Swedish	5	3	6	60.00	4	8	80.00
VCE Languages: Tamil	1	0	6	0.00	1	9	100.00
VCE Languages: Turkish	111	73	40	65.77	96	68	86.49
VCE Languages: Ukrainian	1	1	1	100.00	1	1	100.00
VCE Languages: Vietnamese	196	111	108	56.63	159	192	81.12
VCE Languages: Yiddish	1	0	0	0.00	1	0	100.00
VET Business	234	46	35	19.66	172	85	73.50
VET Community Services	249	64	26	25.70	179	56	71.89
VET Dance	73	23	24	31.51	49	42	67.12
VET Engineering Studies - Cert II	123	34	21	27.64	90	41	73.17
VET Equine Industry	68	18	27	26.47	45	60	66.18
VET Financial Services	3	2	0	66.67	3	0	100.00
VET Furniture Making	77	27	0	35.06	54	0	70.13
VET Hospitality	221	55	39	24.89	158	91	71.49
VET Hospitality (Kitchen Operations)	308	91	41	29.55	219	99	71.10
VET Information Technology	156	32	16	20.51	120	50	76.92
VET Integrated Technologies	90	22	0	24.44	60	0	66.67
VET Interactive Digital Media	605	138	60	22.81	410	164	67.77
VET Laboratory Skills	5	0	0	0.00	3	0	60.00
VET Music	180	47	0	26.11	115	0	63.89
VET Sport & Rec	555	145	136	26.13	401	347	72.25
VET Technical Production	253	71	0	28.06	171	0	67.59
Visual Communication & Design	4837	1023	97	21.15	3512	270	72.61

H4: 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 2012 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 2012 ATAR aggregate (correct as of 21 January 2013).

2012 Study	Number of students achieving a 2012 ATAR Study Score in the top 10% (i.e. > 38) and also a 2012 ATAR	No of times the ATAR Scaled Score was highest	Percentage where the ATAR Scaled Score was highest	Number of times the ATAR Scaled Score was in the Primary 4	Percentage where the ATAR Scaled Score was in the Primary 4
Accounting	626	184	29.39	487	77.80
Agricultural & Horticultural Studies	26	15	57.69	26	100.00
Art	222	85	38.29	201	90.54
Biology	1287	328	25.49	979	76.07
Business Management	1327	546	41.15	1151	86.74
Chemistry	1023	146	14.27	732	71.55
Classical Societies and Cultures	52	13	25.00	42	80.77
Dance	57	28	49.12	51	89.47
Design & Technology	360	192	53.33	324	90.00
Drama	163	71	43.56	145	88.96
Economics	229	79	34.50	196	85.59
English	4501	1532	34.04	4475	99.42
English (ESL)	372	116	31.18	372	100.00
English Language	323	91	28.17	322	99.69
Environmental Science	79	15	18.99	64	81.01
Food & Technology	416	189	45.43	367	88.22
Geography	249	107	42.97	207	83.13
Health & Human Development	1461	657	44.97	1312	89.80
History: Australian	120	43	35.83	107	89.17
History: Renaissance Italy	26	5	19.23	20	76.92
History: Revolutions	587	176	29.98	516	87.90
Industry & Enterprise Studies	21	8	38.10	16	76.19
Information Technology - IT Applications	304	114	37.50	246	80.92
Information Technology - Software Development	120	42	35.00	79	65.83
Legal Studies	948	321	33.86	817	86.18
Literature	626	152	24.28	584	93.29
Maths: Further Mathematics	3276	1191	36.36	2540	77.53
Maths: Mathematical Methods (CAS)	1664	254	15.26	1387	83.35
Maths: Specialist Mathematics	429	403	93.94	426	99.30
Media	473	210	44.40	438	92.60
Music Investigation	32	13	40.63	24	75.00
Music Performance	190	74	38.95	152	80.00
Music Styles	14	3	21.43	9	64.29
Outdoor & Environmental Studies	266	133	50.00	237	89.10
Philosophy	101	31	30.69	91	90.10
Physical Education	1038	389	37.48	878	84.59
Physics	780	96	12.31	521	66.79
Politics: Australian Politics	39	10	25.64	36	92.31
Politics: Global Politics	179	74	41.34	161	89.94
Psychology	1792	634	35.38	1535	85.66
Religion & Society	172	64	37.21	147	85.47
Sociology	77	26	33.77	66	85.71
Studio Arts	625	293	46.88	552	88.32
Systems Engineering	79	25	31.65	54	68.35
Texts and Traditions	57	16	28.07	46	80.70
Theatre Studies	130	53	40.77	113	86.92
VCE Languages: Albanian	0	0	-	0	-
VCE Languages: Arabic	17	12	70.59	17	100.00
VCE Languages: Armenian	0	0	-	0	-
VCE Languages: Auslan	5	3	60.00	4	80.00
VCE Languages: Bosnian	3	2	66.67	2	66.67

2012 Study	Number of students achieving a 2012 ATAR Study Score in the top 10% (i.e. > 38) and also a 2012 ATAR	No of times the ATAR Scaled Score was highest	Percentage where the ATAR Scaled Score was highest	Number of times the ATAR Scaled Score was in the Primary 4	Percentage where the ATAR Scaled Score was in the Primary 4
VCE Languages: Chinese FL	178	119	66.85	170	95.51
VCE Languages: Chinese SL	92	67	72.83	90	97.83
VCE Languages: Chinese SL Advanced	42	33	78.57	41	97.62
VCE Languages: Classical Greek	3	2	66.67	3	100.00
VCE Languages: Croatian	2	1	50.00	1	50.00
VCE Languages: Dutch	1	0	0.00	1	100.00
VCE Languages: Filipino	5	4	80.00	5	100.00
VCE Languages: French	200	151	75.50	198	99.00
VCE Languages: German	92	69	75.00	88	95.65
VCE Languages: Greek	27	21	77.78	25	92.59
VCE Languages: Hebrew	10	8	80.00	10	100.00
VCE Languages: Hindi	6	4	66.67	5	83.33
VCE Languages: Hungarian	1	0	0.00	1	100.00
VCE Languages: Indonesian FL	3	1	33.33	2	66.67
VCE Languages: Indonesian SL	55	37	67.27	51	92.73
VCE Languages: Italian	99	65	65.66	95	95.96
VCE Languages: Japanese FL	4	4	100.00	4	100.00
VCE Languages: Japanese SL	122	85	69.67	119	97.54
VCE Languages: Khmer	3	3	100.00	3	100.00
VCE Languages: Korean FL	5	4	80.00	5	100.00
VCE Languages: Korean SL	7	3	42.86	6	85.71
VCE Languages: Latin	21	16	76.19	21	100.00
VCE Languages: Macedonian	8	7	87.50	8	100.00
VCE Languages: Persian	10	8	80.00	9	90.00
VCE Languages: Polish	6	5	83.33	6	100.00
VCE Languages: Portuguese	3	1	33.33	1	33.33
VCE Languages: Punjabi	4	3	75.00	4	100.00
VCE Languages: Romanian	1	1	100.00	1	100.00
VCE Languages: Russian	6	5	83.33	6	100.00
VCE Languages: Serbian	3	3	100.00	3	100.00
VCE Languages: Sinhala	4	2	50.00	4	100.00
VCE Languages: Spanish	14	9	64.29	12	85.71
VCE Languages: Swedish	3	3	100.00	3	100.00
VCE Languages: Tamil	1	0	0.00	0	0.00
VCE Languages: Turkish	24	20	83.33	24	100.00
VCE Languages: Ukrainian	0	0	-	0	-
VCE Languages: Vietnamese	62	40	64.52	61	98.39
VCE Languages: Yiddish	0	0	-	0	-
VET Business	47	28	59.57	45	95.74
VET Community Services	58	35	60.34	48	82.76
VET Dance	19	16	84.21	16	84.21
VET Engineering Studies - Cert II	34	22	64.71	28	82.35
VET Equine Industry	25	11	44.00	23	92.00
VET Financial Services	0	0	-	0	-
VET Furniture Making	10	5	50.00	8	80.00
VET Hospitality	54	30	55.56	50	92.59
VET Hospitality (Kitchen Operations)	63	38	60.32	56	88.89
VET Information Technology	25	15	60.00	21	84.00
VET Integrated Technologies	10	4	40.00	8	80.00
VET Interactive Digital Media	110	53	48.18	88	80.00
VET Laboratory Skills	0	0	-	0	-
VET Music	20	12	60.00	19	95.00
VET Sport & Rec	148	78	52.70	124	83.78
VET Technical Production	30	20	66.67	26	86.67
Visual Communication & Design	617	299	48.46	521	84.44

H5: 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 2012 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 2012 ATAR aggregate (correct as of 21 January 2013).

2012 Study	Number of students achieving a 2012 ATAR Study Score in the top 5% (i.e. > 41) and also a 2012 ATAR	No of times the ATAR Scaled Score was highest	Percentage where the ATAR Scaled Score was highest	Number of times the ATAR Scaled Score was in the Primary 4	Percentage where the ATAR Scaled Score was in the Primary 4
Accounting	282	95	33.69	242	85.82
Agricultural & Horticultural Studies	13	8	61.54	13	100.00
Art	98	45	45.92	95	96.94
Biology	608	188	30.92	498	81.91
Business Management	601	315	52.41	549	91.35
Chemistry	464	67	14.44	349	75.22
Classical Societies and Cultures	24	8	33.33	23	95.83
Dance	23	15	65.22	20	86.96
Design & Technology	164	115	70.12	158	96.34
Drama	75	44	58.67	70	93.33
Economics	110	40	36.36	103	93.64
English	2021	803	39.73	2011	99.51
English (ESL)	166	54	32.53	166	100.00
English Language	148	44	29.73	147	99.32
Environmental Science	33	10	30.30	30	90.91
Food & Technology	182	106	58.24	165	90.66
Geography	111	59	53.15	101	90.99
Health & Human Development	683	371	54.32	633	92.68
History: Australian	57	28	49.12	55	96.49
History: Renaissance Italy	12	2	16.67	9	75.00
History: Revolutions	268	97	36.19	250	93.28
Industry & Enterprise Studies	10	4	40.00	9	90.00
Information Technology - IT Applications	140	60	42.86	117	83.57
Information Technology - Software Development	57	29	50.88	46	80.70
Legal Studies	445	175	39.33	397	89.21
Literature	281	79	28.11	269	95.73
Maths: Further Mathematics	1518	617	40.65	1180	77.73
Maths: Mathematical Methods (CAS)	766	107	13.97	641	83.68
Maths: Specialist Mathematics	195	189	96.92	192	98.46
Media	213	115	53.99	207	97.18
Music Investigation	16	11	68.75	14	87.50
Music Performance	82	39	47.56	71	86.59
Music Styles	3	1	33.33	2	66.67
Outdoor & Environmental Studies	116	71	61.21	102	87.93
Philosophy	46	16	34.78	44	95.65
Physical Education	448	205	45.76	395	88.17
Physics	353	48	13.60	250	70.82
Politics: Australian Politics	17	7	41.18	17	100.00
Politics: Global Politics	87	48	55.17	85	97.70
Psychology	814	357	43.86	730	89.68
Religion & Society	76	33	43.42	64	84.21
Sociology	37	16	43.24	35	94.59
Studio Arts	287	158	55.05	265	92.33
Systems Engineering	30	12	40.00	21	70.00
Texts and Traditions	29	13	44.83	26	89.66
Theatre Studies	59	31	52.54	55	93.22
VCE Languages: Albanian	0	0	-	0	-
VCE Languages: Arabic	10	8	80.00	10	100.00
VCE Languages: Armenian	0	0	-	0	-
VCE Languages: Auslan	2	2	100.00	2	100.00
VCE Languages: Bosnian	2	1	50.00	1	50.00

2012 Study	Number of students achieving a 2012 ATAR Study Score in the top 5% (i.e. > 41) and also a 2012 ATAR	No of times the ATAR Scaled Score was highest	Percentage where the ATAR Scaled Score was highest	Number of times the ATAR Scaled Score was in the Primary 4	Percentage where the ATAR Scaled Score was in the Primary 4
VCE Languages: Chinese FL	85	63	74.12	82	96.47
VCE Languages: Chinese SL	41	33	80.49	41	100.00
VCE Languages: Chinese SL Advanced	21	19	90.48	21	100.00
VCE Languages: Classical Greek	2	2	100.00	2	100.00
VCE Languages: Croatian	1	1	100.00	1	100.00
VCE Languages: Dutch	0	0	-	0	-
VCE Languages: Filipino	0	0	-	0	-
VCE Languages: French	90	75	83.33	89	98.89
VCE Languages: German	41	33	80.49	41	100.00
VCE Languages: Greek	13	10	76.92	12	92.31
VCE Languages: Hebrew	3	3	100.00	3	100.00
VCE Languages: Hindi	3	2	66.67	2	66.67
VCE Languages: Hungarian	1	0	0.00	1	100.00
VCE Languages: Indonesian FL	1	1	100.00	1	100.00
VCE Languages: Indonesian SL	17	12	70.59	17	100.00
VCE Languages: Italian	45	30	66.67	42	93.33
VCE Languages: Japanese FL	3	3	100.00	3	100.00
VCE Languages: Japanese SL	57	39	68.42	56	98.25
VCE Languages: Khmer	1	1	100.00	1	100.00
VCE Languages: Korean FL	1	1	100.00	1	100.00
VCE Languages: Korean SL	0	0	-	0	-
VCE Languages: Latin	9	5	55.56	9	100.00
VCE Languages: Macedonian	3	3	100.00	3	100.00
VCE Languages: Persian	5	5	100.00	5	100.00
VCE Languages: Polish	4	4	100.00	4	100.00
VCE Languages: Portuguese	2	0	0.00	0	0.00
VCE Languages: Punjabi	2	1	50.00	2	100.00
VCE Languages: Romanian	1	1	100.00	1	100.00
VCE Languages: Russian	5	4	80.00	5	100.00
VCE Languages: Serbian	1	1	100.00	1	100.00
VCE Languages: Sinhala	2	1	50.00	2	100.00
VCE Languages: Spanish	5	3	60.00	4	80.00
VCE Languages: Swedish	1	1	100.00	1	100.00
VCE Languages: Tamil	0	0	-	0	-
VCE Languages: Turkish	13	12	92.31	13	100.00
VCE Languages: Ukrainian	0	0	-	0	-
VCE Languages: Vietnamese	29	22	75.86	28	96.55
VCE Languages: Yiddish	0	0	-	0	-
VET Business	27	17	62.96	25	92.59
VET Community Services	25	16	64.00	19	76.00
VET Dance	16	13	81.25	13	81.25
VET Engineering Studies - Cert II	15	12	80.00	13	86.67
VET Equine Industry	12	7	58.33	12	100.00
VET Financial Services	0	0	-	0	-
VET Furniture Making	5	2	40.00	3	60.00
VET Hospitality	32	17	53.13	28	87.50
VET Hospitality (Kitchen Operations)	29	18	62.07	27	93.10
VET Information Technology	12	8	66.67	9	75.00
VET Integrated Technologies	6	1	16.67	4	66.67
VET Interactive Digital Media	51	29	56.86	45	88.24
VET Laboratory Skills	0	0	-	0	-
VET Music	6	4	66.67	6	100.00
VET Sport & Rec	69	35	50.72	55	79.71
VET Technical Production	12	7	58.33	10	83.33
Visual Communication & Design	277	163	58.84	248	89.53

H6: VCE Languages Contribution to the Highest ATAR Scaled Score & the Primary Four

The following table gives the number of students completing each study in 2012 and qualifying for an ATAR, the number and percentage of times students doing the study also had a VCE Language result, and the number and percentage of times the score in the VCE Language was 'best' and/or used in the 'primary four' when calculating the 2012 ATAR aggregate (correct as of 21 January 2013).

2012 Study	Number of students achieving a 2012 Study Score and ATAR	Number of those students with a numeric VCE Language result from any year	% of Students	Number of students where VCE Language ATAR Scaled Score was highest	% of Students	% of students with a VCE Language	Number of students where VCE Language Scaled Score in the Primary 4	% of students	% of students with a VCE Language
Accounting	4462	1198	26.85	605	13.56	50.50	808	18.11	67.45
Agricultural & Horticultural Studies	189	5	2.65	1	0.53	20.00	3	1.59	60.00
Art	1782	215	12.07	132	7.41	61.40	178	9.99	82.79
Biology	8454	1387	16.41	806	9.53	58.11	1075	12.72	77.51
Business Management	9596	954	9.94	587	6.12	61.53	766	7.98	80.29
Chemistry	8802	3037	34.50	1428	16.22	47.02	2100	23.86	69.15
Classical Societies and Cultures	380	70	18.42	47	12.37	67.14	57	15.00	81.43
Dance	229	37	16.16	13	5.68	35.14	28	12.23	75.68
Design & Technology	2625	152	5.79	88	3.35	57.89	115	4.38	75.66
Drama	1087	137	12.60	68	6.26	49.64	102	9.38	74.45
Economics	1904	364	19.12	186	9.77	51.10	280	14.71	76.92
English	38663	5722	14.80	3000	7.76	52.43	4269	11.04	74.61
English (ESL)	3207	2268	70.72	1124	35.05	49.56	1538	47.96	67.81
English Language	2764	715	25.87	380	13.75	53.15	544	19.68	76.08
Environmental Science	500	55	11.00	26	5.20	47.27	36	7.20	65.45
Food & Technology	3025	205	6.78	133	4.40	64.88	166	5.49	80.98
Geography	1628	129	7.92	73	4.48	56.59	103	6.33	79.84
Health & Human Development	9994	733	7.33	454	4.54	61.94	596	5.96	81.31
History: Australian	883	69	7.81	30	3.40	43.48	49	5.55	71.01
History: Renaissance Italy	213	44	20.66	25	11.74	56.82	35	16.43	79.55
History: Revolutions	4419	631	14.28	342	7.74	54.20	501	11.34	79.40
Industry & Enterprise Studies	119	4	3.36	1	0.84	25.00	2	1.68	50.00
Information Technology - IT Applications	1843	168	9.12	101	5.48	60.12	125	6.78	74.40
Information Technology - Software Development	725	61	8.41	31	4.28	50.82	44	6.07	72.13
Legal Studies	7030	826	11.75	458	6.51	55.45	634	9.02	76.76
Literature	5111	1039	20.33	522	10.21	50.24	791	15.48	76.13
Maths: Further Mathematics	26300	4258	16.19	2353	8.95	55.26	3227	12.27	75.79
Maths: Mathematical Methods (CAS)	13757	5028	36.55	2430	17.66	48.33	3433	24.95	68.28
Maths: Specialist Mathematics	3766	1543	40.97	506	13.44	32.79	761	20.21	49.32
Media	3715	287	7.73	145	3.90	50.52	216	5.81	75.26
Music Investigation	260	53	20.38	25	9.62	47.17	37	14.23	69.81
Music Performance	1369	220	16.07	122	8.91	55.45	164	11.98	74.55
Music Styles	112	23	20.54	12	10.71	52.17	15	13.39	65.22
Outdoor & Environmental Studies	1688	57	3.38	29	1.72	50.88	46	2.73	80.70
Philosophy	756	81	10.71	41	5.42	50.62	65	8.60	80.25
Physical Education	7232	450	6.22	241	3.33	53.56	351	4.85	78.00
Physics	6588	1765	26.79	694	10.53	39.32	1046	15.88	59.26
Politics: Australian Politics	318	55	17.30	25	7.86	45.45	37	11.64	67.27
Politics: Global Politics	1528	324	21.20	168	10.99	51.85	255	16.69	78.70
Psychology	11727	1341	11.44	770	6.57	57.42	1054	8.99	78.60
Religion & Society	849	83	9.78	43	5.06	51.81	61	7.18	73.49
Sociology	467	30	6.42	19	4.07	63.33	26	5.57	86.67
Studio Arts	4640	453	9.76	270	5.82	59.60	373	8.04	82.34
Systems Engineering	648	34	5.25	20	3.09	58.82	21	3.24	61.76
Texts and Traditions	320	52	16.25	20	6.25	38.46	35	10.94	67.31
Theatre Studies	776	101	13.02	52	6.70	51.49	79	10.18	78.22
VCE Languages: Albanian	4	4	100.00	4	100.00	100.00	4	100.00	100.00
VCE Languages: Arabic	79	79	100.00	48	60.76	60.76	58	73.42	73.42
VCE Languages: Armenian	1	1	100.00	1	100.00	100.00	1	100.00	100.00
VCE Languages: Auslan	30	30	100.00	12	40.00	40.00	24	80.00	80.00
VCE Languages: Bosnian	5	5	100.00	2	40.00	40.00	4	80.00	80.00
VCE Languages: Chinese FL	740	740	100.00	300	40.54	40.54	463	62.57	62.57
VCE Languages: Chinese SL	435	435	100.00	199	45.75	45.75	274	62.99	62.99
VCE Languages: Chinese SL Advanced	112	112	100.00	56	50.00	50.00	77	68.75	68.75
VCE Languages: Classical Greek	17	17	100.00	15	88.24	88.24	15	88.24	88.24
VCE Languages: Croatian	13	13	100.00	7	53.85	53.85	9	69.23	69.23
VCE Languages: Dutch	3	3	100.00	0	0.00	0.00	2	66.67	66.67

2012 Study	Number of those students achieving a 2012 Study Score and ATAR			Number of students where VCE Language ATAR Scaled Score was highest			Number of students where VCE Language Scaled Score in the Primary 4		
	Number of students achieving a 2012 Study Score and ATAR	Number of those students with a numeric VCE Language result from any year	% of Students	Number of students where VCE Language ATAR Scaled Score was highest	% of Students	% of students with a VCE Language	Number of students where VCE Language Scaled Score in the Primary 4	% of students	% of students with a VCE Language
VCE Languages: Filipino	30	30	100.00	17	56.67	56.67	26	86.67	86.67
VCE Languages: French	1733	1733	100.00	951	54.88	54.88	1397	80.61	80.61
VCE Languages: German	623	623	100.00	322	51.69	51.69	466	74.80	74.80
VCE Languages: Greek	97	97	100.00	50	51.55	51.55	71	73.20	73.20
VCE Languages: Hebrew	20	20	100.00	9	45.00	45.00	14	70.00	70.00
VCE Languages: Hindi	16	16	100.00	9	56.25	56.25	13	81.25	81.25
VCE Languages: Hungarian	1	1	100.00	1	100.00	100.00	1	100.00	100.00
VCE Languages: Indonesian FL	15	15	100.00	10	66.67	66.67	12	80.00	80.00
VCE Languages: Indonesian SL	467	467	100.00	262	56.10	56.10	368	78.80	78.80
VCE Languages: Italian	778	778	100.00	427	54.88	54.88	628	80.72	80.72
VCE Languages: Japanese FL	7	7	100.00	5	71.43	71.43	6	85.71	85.71
VCE Languages: Japanese SL	1041	1041	100.00	578	55.52	55.52	802	77.04	77.04
VCE Languages: Khmer	8	8	100.00	5	62.50	62.50	7	87.50	87.50
VCE Languages: Korean FL	4	4	100.00	3	75.00	75.00	3	75.00	75.00
VCE Languages: Korean SL	10	10	100.00	5	50.00	50.00	7	70.00	70.00
VCE Languages: Latin	166	166	100.00	99	59.64	59.64	141	84.94	84.94
VCE Languages: Macedonian	36	36	100.00	23	63.89	63.89	26	72.22	72.22
VCE Languages: Persian	46	46	100.00	26	56.52	56.52	34	73.91	73.91
VCE Languages: Polish	4	4	100.00	3	75.00	75.00	4	100.00	100.00
VCE Languages: Portuguese	11	11	100.00	7	63.64	63.64	9	81.82	81.82
VCE Languages: Punjabi	28	28	100.00	17	60.71	60.71	23	82.14	82.14
VCE Languages: Romanian	7	7	100.00	5	71.43	71.43	6	85.71	85.71
VCE Languages: Russian	8	8	100.00	4	50.00	50.00	7	87.50	87.50
VCE Languages: Serbian	15	15	100.00	9	60.00	60.00	13	86.67	86.67
VCE Languages: Sinhala	11	11	100.00	4	36.36	36.36	8	72.73	72.73
VCE Languages: Spanish	53	53	100.00	36	67.92	67.92	42	79.25	79.25
VCE Languages: Swedish	5	5	100.00	3	60.00	60.00	4	80.00	80.00
VCE Languages: Tamil	1	1	100.00	0	0.00	0.00	0	0.00	0.00
VCE Languages: Turkish	111	111	100.00	73	65.77	65.77	84	75.68	75.68
VCE Languages: Ukrainian	1	1	100.00	1	100.00	100.00	1	100.00	100.00
VCE Languages: Vietnamese	196	196	100.00	115	58.67	58.67	144	73.47	73.47
VCE Languages: Yiddish	1	1	100.00	1	100.00	100.00	1	100.00	100.00
VET Business	234	33	14.10	27	11.54	81.82	30	12.82	90.91
VET Community Services	249	14	5.62	10	4.02	71.43	13	5.22	92.86
VET Dance	73	8	10.96	2	2.74	25.00	6	8.22	75.00
VET Engineering Studies - Cert II	123	6	4.88	5	4.07	83.33	5	4.07	83.33
VET Equine Industry	68	2	2.94	1	1.47	50.00	1	1.47	50.00
VET Financial Services	3	0	0.00	0	0.00	-	0	0.00	-
VET Furniture Making	77	2	2.60	0	0.00	0.00	1	1.30	50.00
VET Hospitality	221	22	9.95	16	7.24	72.73	20	9.05	90.91
VET Hospitality (Kitchen Operations)	308	31	10.06	19	6.17	61.29	24	7.79	77.42
VET Information Technology	156	24	15.38	11	7.05	45.83	20	12.82	83.33
VET Integrated Technologies	90	2	2.22	1	1.11	50.00	2	2.22	100.00
VET Interactive Digital Media	605	43	7.11	25	4.13	58.14	38	6.28	88.37
VET Laboratory Skills	5	1	20.00	0	0.00	0.00	0	0.00	0.00
VET Music	180	16	8.89	8	4.44	50.00	13	7.22	81.25
VET Sport & Rec	555	11	1.98	5	0.90	45.45	6	1.08	54.55
VET Technical Production	253	8	3.16	4	1.58	50.00	6	2.37	75.00
Visual Communication & Design	4837	635	13.13	386	7.98	60.79	515	10.65	81.10

Percentage of Study Populations Achieving Various Minimum ATAR Levels

The following tables give the studies and the percentage of the 2012 study population achieving ATAR Subject Scores in that study and 2012 ATARs (correct as of 21 January 2013) 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.

H7: Percentage of Study Population Achieving a 2012 ATAR \geq 98

2012 Study	Percentage of Study Population with ATAR \geq 98
VCE Languages: Latin	47.7
VCE Languages: Classical Greek	45.8
VCE Languages: Hebrew	31.5
Maths: Specialist Mathematics	18.3
VCE Languages: Chinese SL	16.8
VCE Languages: Korean SL	16.0
VCE Languages: French	15.8
VCE Languages: Chinese SL Advanced	14.9
Chemistry	10.5

H8: Percentage of Study Population Achieving a 2012 ATAR \geq 95

2012 Study	Percentage of Study Population with ATAR \geq 95
VCE Languages: Latin	71.4
VCE Languages: Classical Greek	66.7
VCE Languages: Hebrew	58.9
VCE Languages: Chinese SL	35.4
Maths: Specialist Mathematics	35.2
VCE Languages: French	32.3
VCE Languages: Korean SL	30.0
VCE Languages: Chinese SL Advanced	27.6
VCE Languages: Russian	26.9
VCE Languages: German	23.5
Chemistry	23.2
VCE Languages: Japanese SL	21.4
VCE Languages: Sinhala	20.7
Maths: Mathematical Methods (CAS)	19.7
VCE Languages: Polish	19.4
Politics: Australian Politics	19.2
History: Renaissance Italy	17.3
Music Styles	16.7
Physics	15.9
VCE Languages: Korean FL	15.6
English Language	14.8
Politics: Global Politics	14.6
VCE Languages: Hindi	14.3
VCE Languages: Italian	14.2
Economics	14.0
VCE Languages: Indonesian SL	13.9
Classical Societies and Cultures	13.0
Literature	12.0

H9: Percentage of Study Population Achieving a 2012 ATAR \geq 90

2012 Study	Percentage of Study Population with ATAR \geq 90
VCE Languages: Latin	83.9
VCE Languages: Classical Greek	75.0
VCE Languages: Hebrew	71.2
Maths: Specialist Mathematics	55.9
VCE Languages: Chinese SL	55.5
VCE Languages: French	54.3
VCE Languages: Korean SL	52.0
VCE Languages: Chinese SL Advanced	46.6
VCE Languages: Russian	46.2
VCE Languages: German	41.4
Chemistry	41.1
VCE Languages: Japanese SL	40.3
VCE Languages: Korean FL	37.5
Maths: Mathematical Methods (CAS)	36.5
VCE Languages: Sinhala	34.5
Politics: Australian Politics	32.4
History: Renaissance Italy	31.0
VCE Languages: Polish	30.6
Physics	30.6
Politics: Global Politics	29.4
VCE Languages: Italian	27.9
Economics	27.4
VCE Languages: Indonesian SL	26.4
English Language	26.3
Music Styles	25.7
VCE Languages: Chinese FL	24.7
Classical Societies and Cultures	23.6
English (ESL)	23.5
Literature	23.5
VCE Languages: Greek	23.3
Music Investigation	22.7
VCE Languages: Vietnamese	22.4
Texts and Traditions	21.9
VCE Languages: Hindi	20.0

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 2012 ATARs in the top 10%, 5% and 2% (correct as of 21 January 2013). 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.

H10: Percentage of Maximum ATAR Subject Score per Study for a 2012 ATAR \geq 98

2012 Study	Percentage Achieved in Any Year	Percentage Achieved in 2012
Maths: Specialist Mathematics	33.7	33.5
English	9.4	9.4
VCE Languages: French	7.6	6.5
Maths: Further Mathematics	3.8	3.1
Psychology	3.3	2.0
VCE Languages: Chinese SL	3.1	0.5
VCE Languages: Latin	3.1	2.8
Biology	2.4	1.3
Maths: Mathematical Methods (CAS)	2.4	2.1
Chemistry	2.1	2.1
History: Revolutions	2.1	1.6
Others	26.9	

H11: Percentage of Maximum ATAR Subject Score per Study for a 2012 ATAR \geq 95

2012 Study	Percentage Achieved in Any Year	Percentage Achieved in 2012
Maths: Specialist Mathematics	25.5	25.3
English	8.9	8.9
VCE Languages: French	7.3	6.4
Maths: Further Mathematics	5.0	3.8
Maths: Mathematical Methods (CAS)	4.1	3.7
Psychology	3.7	2.3
VCE Languages: Chinese SL	3.1	0.7
Biology	3.0	1.4
Chemistry	2.9	2.8
Legal Studies	2.3	1.9
VCE Languages: Japanese SL	2.0	1.8
Others	32.3	

H12: Percentage of Maximum ATAR Subject Score per Study for a 2012 ATAR \geq 90

2012 Study	Percentage Achieved in Any Year	Percentage Achieved in 2012
Maths: Specialist Mathematics	18.9	18.9
English	9.4	9.4
Maths: Mathematical Methods (CAS)	7.0	6.5
VCE Languages: French	6.6	5.9
Maths: Further Mathematics	5.6	4.4
Psychology	4.1	2.8
Biology	3.2	1.9
Chemistry	3.1	3.1
VCE Languages: Chinese SL	2.7	0.8
VCE Languages: Japanese SL	2.5	2.1
Health & Human Development	2.4	1.7
Legal Studies	2.2	1.8
Business Management	2.0	1.5
Others	30.2	

ATAR Distributions

H13: Gender Breakdown in Various 2012 ATAR Ranges.

The following table gives the breakdown between males and females, in various ATAR ranges, of Victorian ATARs achieved in 2012 (correct as of 21 January 2013).

ATAR Range	Gender	Count	Average ATAR	Standard Deviation of ATAR
All	Female	25,334	66.00	22.05
	Male	21,665	63.99	23.09
90-99.95	Female	3,947	94.95	2.87
	Male	3,353	95.04	2.92
80-89.95	Female	4,153	84.99	2.87
	Male	3,104	85.06	2.84
70-79.95	Female	3,898	74.99	2.89
	Male	3,051	75.00	2.90
60-69.95	Female	3,751	65.03	2.86
	Male	3,050	64.97	2.88
50-59.95	Female	3,458	55.05	2.90
	Male	2,989	54.96	2.90
40-49.95	Female	2,954	45.44	2.81
	Male	2,746	45.42	2.81
30-39.95	Female	1,458	35.47	2.83
	Male	1,481	35.36	2.77
20-29.95	Female	838	25.27	2.89
	Male	946	25.19	2.89
<20	Female	877	11.97	5.31
	Male	945	12.12	5.43

H14. The distribution of 2012 ATARs for VCE students under 17 years of age

The distribution of 2012 ATARs (correct as of 21 January 2013) for VCE students born on or after 1/1/1996 is as follows:

ATAR Range	Count	Percentage	Cumulative Count	Cumulative Percentage
95 - 99.95	14	17.7	14	17.7
90 - 94.95	8	10.1	22	27.8
85 - 89.95	6	7.6	28	35.4
80 - 84.95	8	10.1	36	45.6
75 - 79.95	5	6.3	41	51.9
70 - 74.95	9	11.4	50	63.3
65 - 69.95	8	10.1	58	73.4
60 - 64.95	3	3.8	61	77.2
55 - 59.95	6	7.6	67	84.8
50 - 54.95	2	2.5	69	87.3
45 - 49.95	3	3.8	72	91.1
40 - 44.95	1	1.3	73	92.4
35 - 39.95	2	2.5	75	94.9
30 - 34.95	2	2.5	77	97.5
25 - 29.95	1	1.3	78	98.7
20 - 24.95	0	0.0	78	98.7
15 - 19.95	0	0.0	78	98.7
10 - 14.95	0	0.0	78	98.7
5 - 9.95	1	1.3	79	100.0
0 - 4.95	0	0.0	79	100.0
All	79	100.0		

H15. The distribution of 2012 ATARs by Region

The distribution of 2012 ATARs (correct as of 21 January 2013), 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
Ballarat	68	65	59	90	71	80	89	83	89	78	85	78	56	52	40	25	55	23	1186
Bendigo	46	65	60	86	67	88	83	82	86	87	100	60	37	29	25	9	25	5	1040
Geelong	79	123	150	129	147	190	155	177	160	155	163	120	82	64	40	32	53	26	2045
Hume	40	47	68	79	79	71	86	100	99	74	92	88	63	49	34	30	50	18	1167
Latrobe - Gippsland	55	89	118	116	126	127	139	157	166	155	141	133	79	61	41	34	39	31	1807
Mornington Peninsula	87	118	144	134	129	157	173	167	172	160	205	119	96	64	31	29	47	27	2059
North West	24	36	60	73	76	76	96	93	89	113	100	76	56	46	32	22	38	22	1128
Shepparton	21	35	43	65	63	61	76	81	92	88	89	66	68	40	33	16	41	18	996
Warrnambool and South West	23	40	67	64	64	101	78	112	66	100	120	78	51	33	32	25	23	13	1090
Melbourne - Inner	386	348	319	290	253	186	200	193	164	160	130	93	66	44	32	32	52	24	2972
Melbourne - Inner East	784	583	493	409	340	286	288	199	163	154	137	87	37	40	27	27	39	15	4108
Melbourne - Inner South	479	427	382	315	319	255	207	214	185	175	165	101	65	52	27	25	41	16	3450
Melbourne - North East	213	265	292	312	281	321	305	295	278	299	304	236	146	114	97	91	99	73	4021
Melbourne - North West	148	175	179	195	217	190	203	254	237	261	254	212	127	132	94	64	112	69	3123
Melbourne - Outer East	341	360	371	365	403	397	370	352	330	325	273	226	138	123	94	70	122	51	4711
Melbourne - South East	513	447	451	477	454	467	433	398	398	420	444	326	191	176	128	127	166	91	6107
Melbourne - West	230	275	300	306	305	341	355	379	401	390	421	313	250	183	150	146	183	103	5031
Victoria - TOTAL	3537	3498	3556	3505	3394	3394	3336	3336	3175	3194	3223	2412	1608	1302	957	804	1185	625	46041
Australian Capital Territory	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	4
New South Wales	11	16	20	17	24	11	19	13	16	17	20	8	8	3	6	7	5	0	221
Northern Territory	0	1	2	0	1	2	1	0	0	1	0	1	1	0	0	0	0	0	10
Queensland	2	2	2	0	0	0	2	0	0	1	1	1	0	0	0	0	0	0	11
South Australia	4	0	1	3	0	2	2	1	0	1	1	1	1	1	0	0	1	0	19
Tasmania	0	0	0	2	1	1	1	1	0	1	0	0	0	0	0	0	0	0	7
Western Australia	1	1	0	0	0	0	1	2	0	0	1	0	0	0	0	0	0	0	6
Interstate - Total	21	20	25	22	26	17	26	17	16	21	23	11	10	4	6	7	6	0	278
Other	103	121	71	78	78	40	53	33	33	8	20	11	10	5	2	8	4	2	680
TOTAL	3661	3639	3652	3605	3498	3451	3415	3386	3224	3223	3266	2434	1628	1311	965	819	1195	627	46999