

## Section H

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## H 1: 2009 ENTER Subject Scores

VCAA provides VTAC with study scores (relative positions). These study scores are scaled in order to calculate scaled aggregates and Equivalent National Tertiary Entrance Ranks (ENTERs). Candidates are in the 2009 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 2008 and 2009, provided that at most one result is from 2008. The scaling population is therefore a subset of the entire population. The means and standard deviations below pertain to the scaling population in 2009.

The following table gives the 2009 scaled means and standard deviations as well as the ENTER 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 ENTER subject scores to two decimal places, but the following information gives a good indication of how scaling adjusts scores in the various studies.

2009 Study	Mean	St. Dev.	20	25	30	35	40	45	50
Accounting	30.19	7.2	18	24	30	35	41	46	50
Agricultural & Horticultural Studies	25.43	6.5	15	19	24	29	35	42	50
Art	27.38	7.3	16	21	27	32	38	44	50
Biology	30.30	7.1	19	25	30	36	41	46	50
Business Management	26.52	7.1	16	21	26	31	37	44	50
Chemistry	34.41	7.2	22	29	35	40	44	48	50
Classical Societies & Cultures	31.65	7.4	20	26	32	37	42	47	50
Dance	28.22	6.6	19	23	28	33	38	44	50
Design and Technology	24.22	6.8	13	18	23	28	34	41	50
Drama	28.45	7.5	17	23	28	34	39	45	50
Economics	31.85	6.9	21	27	32	37	42	46	50
English	28.42	7.4	17	22	28	34	39	45	50
English (ESL)	29.14	8.3	16	22	29	35	41	47	50
English Language	31.31	7.5	20	26	31	37	42	47	50
Environmental Science	28.88	6.8	17	23	28	34	40	45	50
Food and Technology	23.76	6.8	14	18	22	28	34	41	50
Geography	29.26	7.2	18	24	29	34	40	45	50
Health and Human Development	26.39	7.2	16	20	26	31	37	44	50
<b>History:</b>									
Australian History	27.91	7.8	16	22	27	33	39	45	50
Renaissance Italy	33.63	7.0	22	28	33	39	43	47	50
Revolutions	30.25	7.6	19	24	30	36	42	46	50
Industry & Enterprise Studies	23.15	7.2	11	15	20	26	33	41	50
<b>Information Technology:</b>									
Information Technology – Software Development	27.10	6.7	17	22	27	32	38	44	50
Information Technology – IT Applications	25.79	7.0	15	20	25	30	36	43	50
<b>International Politics:</b>									
International Studies	31.92	7.4	20	26	32	38	43	47	50
National Politics	33.15	7.0	22	28	33	38	43	47	50
Legal Studies	28.64	7.5	17	23	28	34	40	45	50
Literature	31.12	7.1	20	26	31	36	41	46	50
<b>LOTE:</b>									
Albanian			Small						
Arabic	28.13	6.8	18	23	27	32	37	43	50
Armenian					No enrolments in 2009				
Auslan	34.12	6.0	23	28	32	37	41	46	50
Bosnian	28.01	5.5	20	24	29	34	39	44	50
Chinese (FL)	34.22	7.6	20	27	34	40	45	48	50
Chinese (SL)	39.52	6.4	31	37	42	46	49	51	52
Chinese (SL Advanced)	38.57	7.3	27	34	40	45	49	52	53
Classical Greek	42.29	6.3	31	38	43	48	51	54	55
Classical Hebrew					Small Study, see Notes 1 & 2 below				
Croatian	31.05	6.4	19	24	30	36	41	46	50
Dutch					Small Study, see Notes 1 & 2 below				
Filipino	29.04	6.5	20	25	30	35	40	45	50
French	40.68	6.6	30	36	42	46	49	52	54
German	38.97	6.7	28	34	40	44	48	51	52
Greek	32.74	6.9	22	28	33	38	42	47	50
Hebrew	42.49	6.7	32	39	45	49	52	54	55
Hindi	34.34	7.6	20	30	38	44	48	49	50
Hungarian					Small Study, see Notes 1 & 2 below				
Indigenous Languages of Victoria					Small Study, see Notes 1 & 2 below				
Indonesian (FL)	37.58	7.2	22	29	36	41	46	50	52
Indonesian (SL)	37.69	6.7	27	33	38	43	47	49	51
Italian	36.68	6.8	26	32	38	42	46	49	50
Japanese (FL)	27.46	8.3	15	21	27	34	41	46	50
Japanese (SL)	38.53	6.7	28	34	39	44	47	50	52
Khmer					Small Study, see Notes 1 & 2 below				
Korean (FL)	36.48	7.5	22	29	35	41	46	50	51
Korean (SL)	36.38	6.2	24	32	39	44	47	49	50
Latin	45.00	6.1	35	41	46	50	52	54	55
Macedonian	30.35	7.1	20	25	30	35	40	45	50
Maltese					No enrolments in 2009				

2009 Study	Mean	St. Dev.	20	25	30	35	40	45	50
Persian	30.22	6.3				20			
Polish	35.19	8.0	19	28	36	43	48	50	51
Portuguese			Small						
Punjabi	35.09	7.1	23	29	35	40	44	48	50
Romanian	31.14	6.0				23			
Russian	35.00	7.5	25	31	36	40	44	48	50
Serbian	31.17	6.6	20	25	30	36	41	46	50
Sinhala	37.89	8.6	23	30	37	43	48	52	55
Spanish	32.06	6.9	22	27	32	37	42	46	50
Swedish									
Tamil									
Turkish	28.41	6.1	19	24	29	34	39	45	50
Ukrainian									
Vietnamese	34.42	6.6	24	29	34	39	43	47	50
Yiddish									
<b>Mathematics:</b>									
Further Mathematics	27.81	6.9	18	23	28	33	38	44	50
Mathematical Methods	35.52	7.0	25	31	36	41	45	48	50
Mathematical Methods (CAS)	35.16	7.0	25	31	36	41	45	48	50
Specialist Mathematics	37.35	7.4	26	32	38	43	47	50	52
Media	26.31	7.1	15	20	25	31	37	43	50
<b>Music:</b>									
Music Performance: Group	27.68	7.0	17	22	28	33	39	45	50
Music Performance: Solo	31.52	6.4	22	27	32	36	41	46	50
Music Styles	32.13	6.6	22	27	33	37	42	46	50
Outdoor and Environmental Studies	24.61	6.8	14	19	24	29	35	42	50
Philosophy	29.99	7.6	18	24	30	35	41	46	50
Physical Education	27.22	7.2	17	21	27	32	38	44	50
Physics	32.64	7.2	21	27	33	38	43	47	50
Psychology	28.44	7.1	17	22	28	34	39	45	50
Religion and Society	30.43	6.8	21	26	30	35	40	45	50
Sociology	24.52	7.5	14	19	25	32	38	45	50
Studio Arts	26.04	7.2	15	20	25	31	37	43	50
Systems Engineering	24.23	6.2	15	18	23	27	33	40	50
Texts and Traditions	31.18	6.7	21	26	32	37	42	46	50
Theatre Studies	29.69	7.1	19	24	29	35	40	45	50
Visual Communication and Design	26.42	7.0	16	21	26	31	37	43	50
<b>VCE VET:</b>									
VCE VET Business (Office Admin.)	23.82	6.4	15	20	24	30	36	42	50
VCE VET Community Services (Community Work)	23.49	5.9	16	19	23	27	32	39	50
VCE VET Dance	26.13	6.1	18	22	27	31	36	42	50
VCE VET Electrotechnology	23.58	5.9	14	18	23	28	33	40	50
VCE VET Engineering Studies – Cert II	24.21	5.5	16	19	23	27	32	38	50
VCE VET Engineering Studies – Cert III									
VCE VET Equine Industry	26.66	5.7	17	21	25	30	36	42	50
VCE VET Financial Services	28.36	6.6				19			
VCE VET Furnishing	22.85	5.7	14	18	21	26	31	38	50
VCE VET Hospitality – Commercial Cookery	24.63	6.5	15	20	24	29	35	41	50
VCE VET Hospitality – Food and Beverage	25.43	6.3	16	20	24	29	34	41	50
VCE VET Information Technology	23.62	6.4	15	19	23	28	34	41	50
VCE VET Laboratory Skills									
VCE VET Multimedia	26.14	6.6	16	21	26	31	37	43	50
VCE VET Music	26.57	6.5	19	22	25	29	35	43	50
VCE VET Music Technical Production	26.25	6.3	17	22	26	31	36	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 2006, 2007 and 2008. The following table gives the ENTER Subject scores for small LOTEs in 2009.

Small LOTE Study Score	1	2	3	4	5	6	7	8	9	10
2009 ENTER Subject Score	1.00	2.00	3.13	4.30	5.51	6.74	7.98	9.23	10.50	11.76
Small LOTE Study Score	11	12	13	14	15	16	17	18	19	20
2009 ENTER Subject Score	13.03	14.30	15.57	16.83	18.09	19.33	20.57	21.80	23.02	24.22
Small LOTE Study Score	21	22	23	24	25	26	27	28	29	30
2009 ENTER Subject Score	25.41	26.59	27.75	28.89	30.02	31.12	32.21	33.28	34.34	35.37
Small LOTE Study Score	31	32	33	34	35	36	37	38	39	40
2009 ENTER Subject Score	36.38	37.37	38.34	39.29	40.21	41.12	42.01	42.87	43.71	44.53
Small LOTE Study Score	41	42	43	44	45	46	47	48	49	50
2009 ENTER Subject Score	45.33	46.10	46.84	47.56	48.24	48.90	49.51	50.07	50.55	50.77

## H 2: 2009 Scaled Aggregate Table

Based on the 2009 scaling and aggregation process, the following table gives an indication of the minimum scaled aggregate required to achieve at least a particular ENTER. The table can be used to roughly check an ENTER calculation.

ENTER	Minimum Scaled Aggregate for ENTER
40.00	90.5
45.00	96.3
50.00	102.2
55.00	108.2
60.00	113.9
62.00	116.4
64.00	118.9
65.00	120.0
66.00	121.3
68.00	124.0
70.00	126.5
72.00	128.9
74.00	131.4
75.00	132.7
76.00	134.1
78.00	137.1
80.00	140.3
82.00	143.7
84.00	147.0
85.00	148.8
86.00	150.4
88.00	154.0
90.00	158.0
91.00	160.2
92.00	162.6
93.00	165.2
94.00	168.0
95.00	170.9
96.00	174.2
97.00	178.5
97.50	181.1
98.00	184.0
98.50	187.1
99.00	191.1
99.25	193.5
99.50	196.7
99.60	198.2
99.70	199.8
99.80	201.9
99.90	205.6

## Information on the 2009 Scaling and Aggregation Process

In the 2009 scaling and aggregation process (correct as of 10 January 2010):

- 46632 students received a scaled aggregate and an ENTER, with
  - ❖ 23853 (51.15%) having six results contribute to their ENTER
  - ❖ 19491 (41.80%) having five results contribute to their ENTER
  - ❖ 3288 (7.05%) having four results contribute to their ENTER
- 320 ENTER subject scores above 50 were used in aggregation, with
  - ❖ 244 being for results in 2009 studies
  - ❖ 71 being for results in 2008 studies
  - ❖ 4 being for results in 2007 studies
  - ❖ 1 being for a result in 1995 studies
- 294 students (0.63% of those receiving an ENTER) used at least one ENTER subject score above 50 in their aggregate.
- 24 students (8.16% of those having at least one ENTER subject score above 50 and 0.05% of those receiving an ENTER) made use of more than one ENTER subject score above 50 in their aggregate.
- 246 students (0.53% of those receiving an ENTER) had a High Extension Study result available for their aggregate
- 196 students (0.42% of those receiving an ENTER) had a Medium Extension Study result available for their aggregate
- 116 students (0.25% of those receiving an ENTER) had a Low Extension Study result available for their aggregate
- 2154 students (4.62% of those receiving an ENTER) had one VET increment – 10% of the average of the primary four aggregate – available for use in their aggregate
- 663 students (1.42% of those receiving an ENTER) 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 ENTER subject scores above 50:

- ❖ in 270 cases only one ENTER subject score above 50 was available for aggregation, with
  - ◆ 201 instances of ENTER subject scores above 50 from 2009 studies
  - ◆ 64 instances of ENTER subject scores above 50 from 2008 studies
  - ◆ 4 instances of ENTER subject scores above 50 from 2007 studies
  - ◆ 1 instance of ENTER subject scores above 50 from 1995 studies
- ❖ in 22 cases two ENTER subject scores above 50 were available for aggregation, with
  - ◆ 16 combinations of two ENTER subject scores above 50 from 2009 studies
  - ◆ 6 combinations of one ENTER subject score above 50 from a 2009 study and one ENTER subject score above 50 from a 2008 study
- ❖ in 2 cases three ENTER subject scores above 50 were available for aggregation, with
  - ◆ 1 combination of three ENTER subject scores above 50 from 2009 studies
  - ◆ 1 combination of two ENTER subject scores above 50 from 2009 studies and one ENTER subject score above 50 from a 2008 study

## Analysis of ENTER Subject Scores above 50

In detail, the 294 students making use of the 320 ENTER subject scores above 50 in their 2009 ENTER did so in the following combinations:

### Single Study:

<p>78 in French            66 achieved in 2009            11 achieved in 2008            1 achieved in 2007</p> <p>73 in Specialist Mathematics            71 achieved in 2009            1 achieved in 2008            1 achieved in 1995</p> <p>26 in Chinese (SL)            5 achieved in 2009            20 achieved in 2008            1 achieved in 2007</p> <p>23 in German            15 achieved in 2009            7 achieved in 2008            1 achieved in 2007</p> <p>22 in Latin            20 achieved in 2009            2 achieved in 2008</p> <p>21 in Japanese (SL)            11 achieved in 2009            10 achieved in 2008</p>	<p>7 in Chinese (SL) Advanced            3 achieved in 2009            4 achieved in 2008</p> <p>6 in Hebrew            1 achieved in 2009            5 achieved in 2008</p> <p>6 in Indonesian (SL)            5 achieved in 2009            1 achieved in 2008</p> <p>3 in Punjabi            achieved in 2009</p> <p>2 in Classical Greek            achieved in 2009</p> <p>1 in Italian            achieved in 2009</p> <p>1 in Polish            achieved in 2009</p> <p>1 in Romanian            achieved in 2009</p>
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### Two Studies:

<p>9 in Latin and Specialist Mathematics            8 with both achieved in 2009            1 with that in Latin achieved in 2008 and that in Specialist achieved in 2009</p> <p>2 in French and Specialist Mathematics            with both achieved in 2009</p> <p>2 in Japanese (SL) and Specialist Mathematics            with both achieved in 2009</p> <p>2 in French and Latin            with both achieved in 2009</p> <p>1 in Classical Greek and Latin            with that in Classical Greek achieved in 2009 and that in Latin achieved in 2008</p> <p>1 in Chinese (SL Advanced) and Specialist Mathematics            with that in Chinese (SL Advanced) achieved in 2008 and that in Specialist achieved in 2009</p>	<p>1 in Chinese (SL) and Specialist Mathematics            with that in Chinese (SL) achieved in 2008 and that in Specialist achieved in 2009</p> <p>1 in Chinese (SL Advanced) and French            with both achieved in 2009</p> <p>1 in French and Latin            with that in Latin achieved in 2008 and that in French achieved in 2009</p> <p>1 in German and Latin            with that in German achieved in 2008 and that in Latin achieved in 2009</p> <p>1 in French and Indonesian (SL)            with both achieved in 2009</p>
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### Three Studies:

<p>1 in Chinese (SL), Japanese (SL), &amp; Specialist Mathematics            with those in Japanese (SL) and Specialist Mathematics achieved in 2009 and that in Chinese (SL) achieved in 2008</p>	<p>1 in Chinese (SL), Latin &amp; Specialist Mathematics            with all three achieved in 2009</p>
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### H 3: Individual Study Contribution to Highest ENTER Subject Score &/or the Primary Four

The following table gives the number of students (qualifying for a 2009 ENTER as of 10 January 2010) completing each study in 2009, 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 2009 ENTER (or ENTER aggregate).

2009 STUDY	Number of students achieving a 2009 ENTER Subject Score and ENTER	Number of times score is Highest Contributor to 2009 ENTER			Number of times score is a P4 Contributor to 2009 ENTER		
		Score achieved in 2009	Score achieved prior to 2009	% of 2009 achievers where the 2009 ENTER Subject score was highest	Score achieved in 2009	Score achieved prior to 2009	% of 2009 achievers where the 2009 ENTER Subject score was in the P4
Accounting	5440	779	81	14.32	3334	339	61.29
Agricultural & Horticultural Studies	159	30	18	18.87	108	49	67.92
Art	2451	461	32	18.81	1761	121	71.85
Biology	7704	1087	239	14.11	5206	1202	67.58
Business Management	9329	1689	316	18.10	6770	1239	72.57
Chemistry	8471	593	7	7.00	4418	52	52.15
Classical Societies & Cultures	308	48	5	15.58	226	20	73.38
Dance	252	55	52	21.83	171	156	67.86
Design & Technology	2739	595	39	21.72	2001	145	73.06
Drama	1060	216	35	20.38	753	166	71.04
Economics	2139	255	18	11.92	1346	77	62.93
English	38915	7094	113	18.23	38626	632	99.26
English (ESL)	3333	525	10	15.75	3330	38	99.91
English Language	2094	323	11	15.43	2048	53	97.80
Environmental Science	437	60	4	13.73	315	26	72.08
Food & Technology	2707	511	38	18.88	2007	165	74.14
Geography	1605	279	60	17.38	1153	342	71.84
Health and Human Development	9750	1667	242	17.10	7126	1060	73.09
History: Australian History	1012	180	23	17.79	744	117	73.52
History: Renaissance Italy	207	25	3	12.08	146	24	70.53
History: Revolutions	4199	655	64	15.60	3063	426	72.95
Industry & Enterprise Studies	149	24	6	16.11	112	23	75.17
Information Technology – IT Applications	2737	570	144	20.83	1975	519	72.16
Information Technology – Software Development	934	146	31	15.63	651	132	69.70
International Politics: International Studies	1716	261	19	15.21	1235	132	71.97
International Politics: National Politics	493	53	1	10.75	348	24	70.59
Legal Studies	6591	1082	129	16.42	4798	599	72.80
Literature	5075	725	44	14.29	4322	276	85.16
LOTE: Albanian	5	5	3	100.00	5	3	100.00
LOTE: Arabic	71	39	17	54.93	58	33	81.69
LOTE: Armenian	0	0	2	-	0	2	-
LOTE: Auslan	33	18	10	54.55	30	16	90.91
LOTE: Bosnian	15	12	2	80.00	14	4	93.33
LOTE: Chinese (FL)	913	437	206	47.86	812	466	88.94
LOTE: Chinese (SL)	413	173	192	41.89	314	247	76.03
LOTE: Chinese (SL Advanced)	110	56	60	50.91	80	140	72.73
LOTE: Classical Greek	17	8	0	47.06	14	0	82.35
LOTE: Classical Hebrew	1	0	1	0.00	1	7	100.00
LOTE: Croatian	19	9	11	47.37	14	14	73.68
LOTE: Dutch	3	1	2	33.33	3	18	100.00
LOTE: Filipino	26	14	3	53.85	24	6	92.31
LOTE: French	1599	851	88	53.22	1445	123	90.37
LOTE: German	633	307	53	48.50	556	69	87.84
LOTE: Greek	103	57	80	55.34	84	131	81.55
LOTE: Hebrew	15	7	18	46.67	12	42	80.00
LOTE: Hindi	10	6	0	60.00	9	1	90.00
LOTE: Hungarian	3	2	3	66.67	3	3	100.00
LOTE: Indigenous Languages of Victoria	0	0	0	-	0	0	-
LOTE: Indonesian (FL)	12	5	10	41.67	10	17	83.33
LOTE: Indonesian (SL)	599	328	45	54.76	549	72	91.65
LOTE: Italian	779	422	26	54.17	696	37	89.35
LOTE: Japanese (FL)	10	5	11	50.00	9	28	90.00
LOTE: Japanese (SL)	1076	520	76	48.33	942	118	87.55
LOTE: Khmer	8	7	7	87.50	8	11	100.00
LOTE: Korean (FL)	14	10	15	71.43	14	50	100.00
LOTE: Korean (SL)	8	3	16	37.50	5	37	62.50
LOTE: Latin	150	86	9	57.33	133	17	88.67
LOTE: Macedonian	36	18	11	50.00	29	16	80.56
LOTE: Maltese	0	0	5	-	0	6	-

2009 STUDY	Number of students achieving a 2009 ENTER Subject Score and ENTER	Number of times score is Highest Contributor to 2009 ENTER			Number of times score is a P4 Contributor to 2009 ENTER		
		Score achieved in 2009	Score achieved prior to 2009	% of 2009 achievers where the 2009 ENTER Subject score was highest	Score achieved in 2009	Score achieved prior to 2009	% of 2009 achievers where the 2009 ENTER Subject score was in the P4
LOTE: Persian	22	9	11	40.91	18	22	81.82
LOTE: Polish	11	6	17	54.55	8	30	72.73
LOTE: Portuguese	6	6	2	100.00	6	3	100.00
LOTE: Punjabi	15	8	12	53.33	12	12	80.00
LOTE: Romanian	11	5	6	45.45	9	8	81.82
LOTE: Russian	9	3	12	33.33	7	30	77.78
LOTE: Serbian	17	9	13	52.94	16	25	94.12
LOTE: Sinhala	12	8	3	66.67	11	9	91.67
LOTE: Spanish	71	45	24	63.38	59	38	83.10
LOTE: Swedish	1	1	4	100.00	1	8	100.00
LOTE: Tamil	0	0	5	-	0	10	-
LOTE: Turkish	100	57	48	57.00	85	88	85.00
LOTE: Ukrainian	4	1	2	25.00	4	2	100.00
LOTE: Vietnamese	210	92	98	43.81	163	179	77.62
LOTE: Yiddish	3	0	0	0.00	1	0	33.33
Mathematics: Further	24035	4732	368	19.69	15933	1087	66.29
Mathematics: Methods	7874	2956	141	37.54	6397	533	81.24
Mathematics: Methods (CAS)	6348	1415	111	22.29	4308	324	67.86
Mathematics: Specialist	4626	440	4	9.51	3128	13	67.62
Media	3700	673	47	18.19	2783	184	75.22
Music Performance: Group	492	112	73	22.76	326	180	66.26
Music Performance: Solo	1063	199	27	18.72	619	88	58.23
Music Styles	137	15	1	10.95	81	10	59.12
Outdoor & Environmental Studies	1523	337	61	22.13	1133	294	74.39
Philosophy	624	90	9	14.42	462	54	74.04
Physical Education	7512	1138	187	15.15	5257	771	69.98
Physics	6543	386	6	5.90	3509	72	53.63
Psychology	11876	1898	277	15.98	8668	1487	72.99
Religion & Society	735	143	107	19.46	541	537	73.61
Sociology	363	60	10	16.53	290	43	79.89
Studio Arts	4928	1056	89	21.43	3520	277	71.43
Systems Engineering	565	89	11	15.75	391	41	69.20
Texts & Traditions	336	48	38	14.29	201	130	59.82
Theatre Studies	709	143	31	20.17	525	131	74.05
Visual Communication and Design	5172	969	78	18.74	3675	270	71.06
VET Business	297	77	53	25.93	219	122	73.74
VET Community Services	236	67	9	28.39	177	29	75.00
VET Dance	51	21	9	41.18	40	21	78.43
VET Electrotechnology	96	21	5	21.88	71	14	73.96
VET Engineering Studies – Certificate II	125	35	8	28.00	92	33	73.60
VET Engineering Studies – Certificate III	4	3	0	75.00	4	0	100.00
VET Equine Industry	49	11	28	22.45	32	61	65.31
VET Financial Services	56	4	0	7.14	43	0	76.79
VET Furnishing	61	16	7	26.23	41	17	67.21
VET Hospitality – Commercial Cookery	180	47	12	26.11	125	42	69.44
VET Hospitality – Food & Beverage	544	157	55	28.86	385	134	70.77
VET Information Technology	263	77	34	29.28	183	85	69.58
VET Laboratory Skills	10	1	2	10.00	10	2	100.00
VET Multimedia	691	168	52	24.31	451	147	65.27
VET Music	133	44	7	33.08	99	23	74.44
VET Music Technical Production	241	57	15	23.65	163	50	67.63
VET Sport & Recreation	530	125	101	23.58	357	242	67.36

## H 4: Individual Study Contribution to Highest ENTER Subject Score &/or 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 2009 and achieving an ENTER, 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 2009 ENTER aggregate (correct as of 10 January 2010).

2009 STUDY	Number of students achieving a 2009 ENTER Subject score in the top 10% (i.e. study score >38) and also a 2009 ENTER	Number of times the ENTER Subject Score was highest	Percentage where the ENTER Subject Score was highest	Number of times the ENTER Subject Score was in the Primary 4	Percentage where the ENTER Subject Score was in the Primary 4
Accounting	551	164	29.76	447	81.13
Agricultural & Horticultural Studies	14	6	42.86	13	92.86
Art	288	110	38.19	255	88.54
Biology	617	190	30.79	527	85.41
Business Management	913	431	47.21	807	88.39
Chemistry	965	187	19.38	729	75.54
Classical Societies & Cultures	35	12	34.29	31	88.57
Dance	24	13	54.17	23	95.83
Design & Technology	336	200	59.52	311	92.56
Drama	131	52	39.69	121	92.37
Economics	238	77	32.35	201	84.45
English	4517	1474	32.63	4494	99.49
English (ESL)	388	145	37.37	388	100.00
English Language	234	57	24.36	234	100.00
Environmental Science	41	15	36.59	36	87.80
Food & Technology	305	153	50.16	282	92.46
Geography	152	81	53.29	136	89.47
Health and Human Development	985	520	52.79	927	94.11
History: Australian History	107	40	37.38	99	92.52
History: Renaissance Italy	28	8	28.57	24	85.71
History: Revolutions	430	135	31.40	399	92.79
Industry & Enterprise Studies	18	10	55.56	18	100.00
Information Technology – IT Applications	237	119	50.21	215	90.72
Information Technology – Software Development	93	45	48.39	79	84.95
International Politics: International Studies	187	71	37.97	170	90.91
International Politics: National Politics	53	13	24.53	53	100.00
Legal Studies	707	297	42.01	641	90.66
Literature	604	161	26.66	572	94.70
LOTE: Albanian	1	1	100.00	1	100.00
LOTE: Arabic	9	7	77.78	9	100.00
LOTE: Armenian	-	-	-	-	-
LOTE: Auslan	5	4	80.00	5	100.00
LOTE: Bosnian	1	1	100.00	1	100.00
LOTE: Chinese (FL)	104	82	78.85	103	99.04
LOTE: Chinese (SL)	17	15	88.24	16	94.12
LOTE: Chinese (SL Advanced)	6	5	83.33	6	100.00
LOTE: Classical Greek	3	2	66.67	3	100.00
LOTE: Classical Hebrew	1	0	0.00	1	100.00
LOTE: Croatian	3	3	100.00	3	100.00
LOTE: Dutch	-	-	-	-	-
LOTE: Filipino	3	3	100.00	3	100.00
LOTE: French	162	143	88.27	162	100.00
LOTE: German	64	45	70.31	57	89.06
LOTE: Greek	6	5	83.33	6	100.00
LOTE: Hebrew	1	1	100.00	1	100.00
LOTE: Hindi	-	-	-	-	-
LOTE: Hungarian	-	-	-	-	-
LOTE: Indigenous Languages of Victoria	-	-	-	-	-
LOTE: Indonesian (FL)	2	2	100.00	2	100.00
LOTE: Indonesian (SL)	61	42	68.85	59	96.72
LOTE: Italian	78	53	67.95	76	97.44
LOTE: Japanese (FL)	2	2	100.00	2	100.00
LOTE: Japanese (SL)	102	74	72.55	100	98.04
LOTE: Khmer	2	2	100.00	2	100.00
LOTE: Korean (FL)	2	1	50.00	2	100.00
LOTE: Korean (SL)	-	-	-	-	-
LOTE: Latin	16	16	100.00	16	100.00
LOTE: Macedonian	3	3	100.00	3	100.00

2009 STUDY	Number of students achieving a 2009 ENTER Subject score in the top 10% (i.e. study score >38) and also a 2009 ENTER	Number of times the ENTER Subject Score was highest	Percentage where the ENTER Subject Score was highest	Number of times the ENTER Subject Score was in the Primary 4	Percentage where the ENTER Subject Score was in the Primary 4
LOTE: Maltese	-	-	-	-	-
LOTE: Persian	2	1	50.00	2	100.00
LOTE: Polish	1	1	100.00	1	100.00
LOTE: Portuguese	-	-	-	-	-
LOTE: Punjabi	2	1	50.00	2	100.00
LOTE: Romanian	2	2	100.00	2	100.00
LOTE: Russian	1	1	100.00	1	100.00
LOTE: Serbian	3	2	66.67	3	100.00
LOTE: Sinhala	-	-	-	-	-
LOTE: Spanish	7	6	85.71	7	100.00
LOTE: Swedish	-	-	-	-	-
LOTE: Tamil	-	-	-	-	-
LOTE: Turkish	8	7	87.50	7	87.50
LOTE: Ukrainian	1	0	0.00	1	100.00
LOTE: Vietnamese	26	17	65.38	26	100.00
LOTE: Yiddish	-	-	-	-	-
Mathematics: Further	2318	965	41.63	2005	86.50
Mathematics: Methods	788	448	56.85	746	94.67
Mathematics: Methods (CAS)	539	231	42.86	493	91.47
Mathematics: Specialist	521	251	48.18	479	91.94
Media	426	199	46.71	396	92.96
Music Performance: Group	32	14	43.75	30	93.75
Music Performance: Solo	88	27	30.68	74	84.09
Music Styles	14	2	14.29	7	50.00
Outdoor & Environmental Studies	168	111	66.07	156	92.86
Philosophy	71	16	22.54	62	87.32
Physical Education	720	327	45.42	640	88.89
Physics	741	110	14.84	474	63.97
Psychology	1163	476	40.93	1046	89.94
Religion & Society	102	34	33.33	92	90.20
Sociology	26	14	53.85	25	96.15
Studio Arts	565	296	52.39	517	91.50
Systems Engineering	63	29	46.03	58	92.06
Texts & Traditions	26	5	19.23	24	92.31
Theatre Studies	87	35	40.23	78	89.66
Visual Communication and Design	590	280	47.46	533	90.34
VET Business	18	11	61.11	18	100.00
VET Community Services	28	18	64.29	25	89.29
VET Dance	13	11	84.62	13	100.00
VET Electrotechnology	9	6	66.67	9	100.00
VET Engineering Studies – Certificate II	17	12	70.59	14	82.35
VET Engineering Studies – Certificate III	-	-	-	-	-
VET Equine Industry	4	2	50.00	4	100.00
VET Financial Services	7	2	28.57	6	85.71
VET Furnishing	6	5	83.33	6	100.00
VET Hospitality – Commercial Cookery	26	16	61.54	23	88.46
VET Hospitality – Food & Beverage	62	41	66.13	58	93.55
VET Information Technology	25	17	68.00	25	100.00
VET Laboratory Skills	-	-	-	-	-
VET Multimedia	59	28	47.46	49	83.05
VET Music	20	15	75.00	18	90.00
VET Music Technical Production	27	19	70.37	25	92.59
VET Sport & Recreation	42	22	52.38	36	85.71

## H 5: Individual Study Contribution to Highest ENTER 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 2009 and achieving an ENTER, 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 2009 ENTER aggregate (correct as of 10 January 2010).

2009 STUDY	Number of students achieving a 2009 ENTER Subject score in the top 5% (i.e. a study score >41) and also a2009 ENTER	Number of times the ENTER Subject Score was highest	Percentage where the ENTER Subject Score was highest	Number of times the ENTER Subject Score was in the Primary 4	Percentage where the ENTER Subject Score was in the Primary 4
Accounting	242	91	37.60	211	87.19
Agricultural & Horticultural Studies	10	5	50.00	10	100.00
Art	132	66	50.00	122	92.42
Biology	257	93	36.19	229	89.11
Business Management	419	255	60.86	388	92.60
Chemistry	432	95	21.99	337	78.01
Classical Societies & Cultures	15	7	46.67	14	93.33
Dance	9	7	77.78	9	100.00
Design & Technology	149	103	69.13	140	93.96
Drama	56	28	50.00	54	96.43
Economics	107	44	41.12	96	89.72
English	2032	812	39.96	2024	99.61
English (ESL)	172	75	43.60	172	100.00
English Language	106	32	30.19	106	100.00
Environmental Science	17	9	52.94	17	100.00
Food & Technology	134	87	64.93	131	97.76
Geography	74	48	64.86	69	93.24
Health and Human Development	431	279	64.73	421	97.68
History: Australian History	53	22	41.51	50	94.34
History: Renaissance Italy	12	3	25.00	11	91.67
History: Revolutions	186	63	33.87	176	94.62
Industry & Enterprise Studies	5	3	60.00	5	100.00
Information Technology – IT Applications	106	75	70.75	100	94.34
Information Technology – Software Development	37	23	62.16	33	89.19
International Politics: International Studies	80	31	38.75	74	92.50
International Politics: National Politics	24	4	16.67	24	100.00
Legal Studies	329	175	53.19	317	96.35
Literature	271	85	31.37	257	94.83
LOTE: Albanian	-	-	-	-	-
LOTE: Arabic	5	5	100.00	5	100.00
LOTE: Armenian	-	-	-	-	-
LOTE: Auslan	4	3	75.00	4	100.00
LOTE: Bosnian	-	-	-	-	-
LOTE: Chinese (FL)	44	38	86.36	43	97.73
LOTE: Chinese (SL)	7	6	85.71	7	100.00
LOTE: Chinese (SL Advanced)	4	3	75.00	4	100.00
LOTE: Classical Greek	-	-	-	-	-
LOTE: Classical Hebrew	-	-	-	-	-
LOTE: Croatian	2	2	100.00	2	100.00
LOTE: Dutch	-	-	-	-	-
LOTE: Filipino	1	1	100.00	1	100.00
LOTE: French	73	69	94.52	73	100.00
LOTE: German	29	23	79.31	28	96.55
LOTE: Greek	5	4	80.00	5	100.00
LOTE: Hebrew	-	-	-	-	-
LOTE: Hindi	-	-	-	-	-
LOTE: Hungarian	-	-	-	-	-
LOTE: Indigenous Languages of Victoria	-	-	-	-	-
LOTE: Indonesian (FL)	1	1	100.00	1	100.00
LOTE: Indonesian (SL)	29	22	75.86	28	96.55
LOTE: Italian	32	21	65.63	30	93.75
LOTE: Japanese (FL)	1	1	100.00	1	100.00
LOTE: Japanese (SL)	45	35	77.78	45	100.00
LOTE: Khmer	1	1	100.00	1	100.00
LOTE: Korean (FL)	-	-	-	-	-
LOTE: Korean (SL)	-	-	-	-	-
LOTE: Latin	6	6	100.00	6	100.00
LOTE: Macedonian	2	2	100.00	2	100.00

2009 STUDY	Number of students achieving a 2009 ENTER Subject score in the top 5% (i.e. a study score >41) and also a2009 ENTER	Number of times the ENTER Subject Score was highest	Percentage where the ENTER Subject Score was highest	Number of times the ENTER Subject Score was in the Primary 4	Percentage where the ENTER Subject Score was in the Primary 4
LOTE: Maltese	-	-	-	-	-
LOTE: Persian	1	0	0.00	1	100.00
LOTE: Polish	1	1	100.00	1	100.00
LOTE: Portuguese	-	-	-	-	-
LOTE: Punjabi	1	1	100.00	1	100.00
LOTE: Romanian	2	2	100.00	2	100.00
LOTE: Russian	1	1	100.00	1	100.00
LOTE: Serbian	2	2	100.00	2	100.00
LOTE: Sinhala	-	-	-	-	-
LOTE: Spanish	3	3	100.00	3	100.00
LOTE: Swedish	-	-	-	-	-
LOTE: Tamil	-	-	-	-	-
LOTE: Turkish	4	4	100.00	4	100.00
LOTE: Ukrainian	1	0	0.00	1	100.00
LOTE: Vietnamese	11	7	63.64	11	100.00
LOTE: Yiddish	-	-	-	-	-
Mathematics: Further	987	524	53.09	897	90.88
Mathematics: Methods	346	187	54.05	327	94.51
Mathematics: Methods (CAS)	253	114	45.06	234	92.49
Mathematics: Specialist	231	154	66.67	224	96.97
Media	189	112	59.26	182	96.30
Music Performance: Group	11	5	45.45	10	90.91
Music Performance: Solo	33	8	24.24	29	87.88
Music Styles	6	1	16.67	3	50.00
Outdoor & Environmental Studies	74	56	75.68	72	97.30
Philosophy	34	10	29.41	30	88.24
Physical Education	306	166	54.25	288	94.12
Physics	333	74	22.22	230	69.07
Psychology	495	243	49.09	463	93.54
Religion & Society	59	23	38.98	56	94.92
Sociology	10	6	60.00	10	100.00
Studio Arts	258	165	63.95	247	95.74
Systems Engineering	26	16	61.54	24	92.31
Texts & Traditions	7	2	28.57	7	100.00
Theatre Studies	38	20	52.63	35	92.11
Visual Communication and Design	266	163	61.28	255	95.86
VET Business	3	3	100.00	3	100.00
VET Community Services	14	12	85.71	14	100.00
VET Dance	10	9	90.00	10	100.00
VET Electrotechnology	2	2	100.00	2	100.00
VET Engineering Studies – Certificate II	8	6	75.00	7	87.50
VET Engineering Studies – Certificate III	-	-	-	-	-
VET Equine Industry	1	1	100.00	1	100.00
VET Financial Services	5	1	20.00	4	80.00
VET Furnishing	3	3	100.00	3	100.00
VET Hospitality – Commercial Cookery	10	6	60.00	10	100.00
VET Hospitality – Food & Beverage	30	23	76.67	29	96.67
VET Information Technology	13	10	76.92	13	100.00
VET Laboratory Skills	-	-	-	-	-
VET Multimedia	21	14	66.67	20	95.24
VET Music	12	10	83.33	12	100.00
VET Music Technical Production	14	11	78.57	13	92.86
VET Sport & Recreation	10	7	70.00	9	90.00

## H 6: LOTE Contribution to the Highest ENTER Subject Score and/or the Primary Four

The following table gives: the number of students completing each study in 2009 and qualifying for an ENTER, 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 2009 ENTER aggregate (correct as of 10 January 2010).

2009 STUDY	Number of students achieving a 2009 ENTER Subject Score and ENTER	Number of described students with a numeric LOTE result from any year	Percent of students who did a LOTE	Number of students where LOTE ENTER Subject Score was highest	Overall Percentage where LOTE ENTER Subject Score was highest	Percentage of LOTE results where LOTE ENTER Subject Score was highest	Number of students with a LOTE ENTER Subject Score in the Primary 4	Overall Percentage of students with a LOTE scaled core in the Primary 4	Percentage of LOTE students with a LOTE ENTER Subject Score in the Primary 4
Accounting	5440	1807	33.22	784	14.41	43.39	1341	24.65	74.21
Agricultural & Horticultural Studies	159	5	3.14	1	0.63	20.00	2	1.26	40.00
Art	2451	405	16.52	172	7.02	42.47	279	11.38	68.89
Biology	7704	1597	20.73	660	8.57	41.33	1026	13.32	64.25
Business Management	9329	1319	14.14	584	6.26	44.28	836	8.96	63.38
Chemistry	8471	3571	42.16	1442	17.02	40.38	2413	28.49	67.57
Classical Societies & Cultures	308	86	27.92	35	11.36	40.70	57	18.51	66.28
Dance	252	39	15.48	14	5.56	35.90	25	9.92	64.10
Design & Technology	2739	260	9.49	90	3.29	34.62	156	5.70	60.00
Drama	1060	189	17.83	70	6.60	37.04	127	11.98	67.20
Economics	2139	544	25.43	225	10.52	41.36	374	17.48	68.75
English	38915	7814	20.08	3126	8.03	40.01	5138	13.20	65.75
English (ESL)	3333	2554	76.63	1248	37.44	48.86	2175	65.26	85.16
English Language	2094	615	29.37	259	12.37	42.11	405	19.34	65.85
Environmental Science	437	63	14.42	22	5.03	34.92	37	8.47	58.73
Food & Technology	2707	301	11.12	118	4.36	39.20	175	6.46	58.14
Geography	1605	245	15.26	95	5.92	38.78	134	8.35	54.69
Health and Human Development	9750	1131	11.60	454	4.66	40.14	674	6.91	59.59
History: Australian History	1012	132	13.04	45	4.45	34.09	73	7.21	55.30
History: Renaissance Italy	207	68	32.85	28	13.53	41.18	50	24.15	73.53
History: Revolutions	4199	916	21.81	359	8.55	39.19	607	14.46	66.27
Industry & Enterprise Studies	149	4	2.68	1	0.67	25.00	2	1.34	50.00
Information Technology – IT Applications	2737	421	15.38	193	7.05	45.84	301	11.00	71.50
Information Technology – Software Development	934	116	12.42	47	5.03	40.52	64	6.85	55.17
International Politics: International Studies	1716	482	28.09	189	11.01	39.21	306	17.83	63.49
International Politics: National	493	131	26.57	50	10.14	38.17	94	19.07	71.76
Legal Studies	6591	1170	17.75	447	6.78	38.21	748	11.35	63.93
Literature	5075	1373	27.05	539	10.62	39.26	922	18.17	67.15
LOTE: Albanian	5	5	100.00	5	100.00	100.00	5	100.00	100.00
LOTE: Arabic	71	71	100.00	42	59.15	59.15	60	84.51	84.51
LOTE: Armenian	-	-	-	-	-	-	-	-	-
LOTE: Auslan	33	33	100.00	19	57.58	57.58	30	90.91	90.91
LOTE: Bosnian	15	15	100.00	12	80.00	80.00	14	93.33	93.33
LOTE: Chinese (FL)	913	913	100.00	451	49.40	49.40	844	92.44	92.44
LOTE: Chinese (SL)	413	413	100.00	200	48.43	48.43	324	78.45	78.45
LOTE: Chinese (SL Advanced)	110	110	100.00	64	58.18	58.18	87	79.09	79.09
LOTE: Classical Greek	17	17	100.00	11	64.71	64.71	15	88.24	88.24
LOTE: Classical Hebrew	1	1	100.00	1	100.00	100.00	1	100.00	100.00
LOTE: Croatian	19	19	100.00	9	47.37	47.37	14	73.68	73.68
LOTE: Dutch	3	3	100.00	1	33.33	33.33	3	100.00	100.00
LOTE: Filipino	26	26	100.00	14	53.85	53.85	24	92.31	92.31
LOTE: French	1599	1599	100.00	908	56.79	56.79	1457	91.12	91.12
LOTE: German	633	633	100.00	328	51.82	51.82	566	89.42	89.42
LOTE: Greek	103	103	100.00	58	56.31	56.31	85	82.52	82.52
LOTE: Hebrew	15	15	100.00	8	53.33	53.33	13	86.67	86.67
LOTE: Hindi	10	10	100.00	6	60.00	60.00	9	90.00	90.00
LOTE: Hungarian	3	3	100.00	2	66.67	66.67	3	100.00	100.00
LOTE: Indigenous Languages of Victoria	-	-	-	-	-	-	-	-	-
LOTE: Indonesian (FL)	12	12	100.00	5	41.67	41.67	10	83.33	83.33
LOTE: Indonesian (SL)	599	599	100.00	343	57.26	57.26	550	91.82	91.82
LOTE: Italian	779	779	100.00	446	57.25	57.25	702	90.12	90.12
LOTE: Japanese (FL)	10	10	100.00	5	50.00	50.00	9	90.00	90.00
LOTE: Japanese (SL)	1076	1076	100.00	569	52.88	52.88	947	88.01	88.01
LOTE: Khmer	8	8	100.00	8	100.00	100.00	8	100.00	100.00
LOTE: Korean (FL)	14	14	100.00	11	78.57	78.57	14	100.00	100.00
LOTE: Korean (SL)	8	8	100.00	6	75.00	75.00	6	75.00	75.00
LOTE: Latin	150	150	100.00	103	68.67	68.67	137	91.33	91.33

2009 STUDY	Number of students achieving a 2009 ENTER Subject Score and ENTER	Number of described students with a numeric LOTE result from any year	Percent of students who did a LOTE	Number of students where LOTE ENTER Subject Score was highest	Overall Percentage where LOTE ENTER Subject Score was highest	Percentage of LOTE results where LOTE ENTER Subject Score was highest	Number of students with a LOTE ENTER Subject Score in the Primary 4	Overall Percentage of students with a LOTE scaled core in the Primary 4	Percentage of LOTE students with a LOTE ENTER Subject Score in the Primary 4
LOTE: Macedonian	36	36	100.00	18	50.00	50.00	29	80.56	80.56
LOTE: Maltese	-	-	-	-	-	-	-	-	-
LOTE: Persian	22	22	100.00	9	40.91	40.91	18	81.82	81.82
LOTE: Polish	11	11	100.00	6	54.55	54.55	8	72.73	72.73
LOTE: Portuguese	6	6	100.00	6	100.00	100.00	6	100.00	100.00
LOTE: Punjabi	15	15	100.00	8	53.33	53.33	12	80.00	80.00
LOTE: Romanian	11	11	100.00	7	63.64	63.64	10	90.91	90.91
LOTE: Russian	9	9	100.00	3	33.33	33.33	7	77.78	77.78
LOTE: Serbian	17	17	100.00	9	52.94	52.94	16	94.12	94.12
LOTE: Sinhala	12	12	100.00	8	66.67	66.67	11	91.67	91.67
LOTE: Spanish	71	71	100.00	49	69.01	69.01	60	84.51	84.51
LOTE: Swedish	1	1	100.00	1	100.00	100.00	1	100.00	100.00
LOTE: Tamil	-	-	-	-	-	-	-	-	-
LOTE: Turkish	100	100	100.00	57	57.00	57.00	86	86.00	86.00
LOTE: Ukrainian	4	4	100.00	2	50.00	50.00	4	100.00	100.00
LOTE: Vietnamese	210	210	100.00	101	48.10	48.10	170	80.95	80.95
LOTE: Yiddish	3	3	100.00	0	0.00	0.00	1	33.33	33.33
Mathematics: Further	24035	4994	20.78	2169	9.02	43.43	3520	14.65	70.48
Mathematics: Methods	7874	3198	40.61	1268	16.10	39.65	2328	29.57	72.80
Mathematics: Methods (CAS)	6348	2815	44.34	1231	19.39	43.73	2063	32.50	73.29
Mathematics: Specialist	4626	2360	51.02	747	16.15	31.65	1542	33.33	65.34
Media	3700	472	12.76	181	4.89	38.35	275	7.43	58.26
Music Performance: Group	492	57	11.59	20	4.07	35.09	36	7.32	63.16
Music Performance: Solo	1063	284	26.72	122	11.48	42.96	190	17.87	66.90
Music Styles	137	33	24.09	7	5.11	21.21	20	14.60	60.61
Outdoor & Environmental Studies	1523	75	4.92	26	1.71	34.67	43	2.82	57.33
Philosophy	624	126	20.19	49	7.85	38.89	80	12.82	63.49
Physical Education	7512	725	9.65	249	3.31	34.34	394	5.24	54.34
Physics	6543	2227	34.04	753	11.51	33.81	1433	21.90	64.35
Psychology	11876	2003	16.87	752	6.33	37.54	1236	10.41	61.71
Religion & Society	735	132	17.96	42	5.71	31.82	69	9.39	52.27
Sociology	363	36	9.92	12	3.31	33.33	15	4.13	41.67
Studio Arts	4928	709	14.39	276	5.60	38.93	448	9.09	63.19
Systems Engineering	565	48	8.50	18	3.19	37.50	25	4.42	52.08
Texts & Traditions	336	97	28.87	46	13.69	47.42	71	21.13	73.20
Theatre Studies	709	134	18.90	51	7.19	38.06	91	12.83	67.91
Visual Communication and Design	5172	932	18.02	406	7.85	43.56	650	12.57	69.74
VET Business	297	27	9.09	9	3.03	33.33	17	5.72	62.96
VET Community Services	236	24	10.17	12	5.08	50.00	16	6.78	66.67
VET Dance	51	7	13.73	0	0.00	0.00	4	7.84	57.14
VET Electrotechnology	96	5	5.21	1	1.04	20.00	2	2.08	40.00
VET Engineering Studies – Certificate II	125	5	4.00	3	2.40	60.00	3	2.40	60.00
VET Engineering Studies – Certificate III	4	0	0.00	0	0.00	-	0	0.00	-
VET Equine Industry	49	2	4.08	0	0.00	0.00	0	0.00	0.00
VET Financial Services	56	2	3.57	2	3.57	100.00	2	3.57	100.00
VET Furnishing	61	2	3.28	0	0.00	0.00	0	0.00	0.00
VET Hospitality – Commercial Cookery	180	24	13.33	7	3.89	29.17	13	7.22	54.17
VET Hospitality – Food & Beverage	544	69	12.68	25	4.60	36.23	43	7.90	62.32
VET Information Technology	263	34	12.93	16	6.08	47.06	21	7.98	61.76
VET Laboratory Skills	10	1	10.00	0	0.00	0.00	0	0.00	0.00
VET Multimedia	691	96	13.89	39	5.64	40.63	62	8.97	64.58
VET Music	133	19	14.29	8	6.02	42.11	14	10.53	73.68
VET Music Technical Production	241	13	5.39	5	2.07	38.46	7	2.90	53.85
VET Sport & Recreation	530	28	5.28	12	2.26	42.86	17	3.21	60.71
Students with a 2009 ENTER	46632	11617	24.91	4895	10.50	42.14	8148	17.47	70.14

## Proportion of Study Populations Achieving Various Minimal ENTER Levels.

The following tables give the studies and the proportion of the 2009 study population achieving ENTER Subject Scores in that study and 2009 ENTERs (correct as of 10 January 2010) which actually achieve ENTERs in the respective ranges.

For ENTERs of at least 90.00 only those studies whose population proportion exceeded 15% are listed.

For ENTERs of at least 95.00 only those studies whose population proportion exceeded 10% are listed.

For ENTERs of at least 98.00 only those studies whose population proportion exceeded 8% are listed.

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

### H 7: Proportion of Study Population Achieving a 2009 ENTER of at Least 98.00

ENTER at least 98.00	
2009 Study	Proportion of Study Population
Latin	46.00
French	17.45
Specialist Mathematics	16.26
German	11.69
Chemistry	11.44
Chinese (SL)	9.93
History: Renaissance Italy	9.66
Japanese (SL)	9.11
Chinese (SL Advanced)	9.09

### H 8: Proportion of Study Population Achieving a 2009 ENTER of at Least 95.00

ENTER at least 95.00	
2009 Study	Proportion of Study Population
Latin	74.00
French	36.02
Specialist Mathematics	32.01
German	25.43
Chemistry	25.32
Chinese (SL)	24.94
Japanese (SL)	23.88
Chinese (SL Advanced)	20.91
History: Renaissance Italy	20.29
Mathematical Methods (CAS)	19.77
Indonesian (SL)	17.70
Physics	17.50
International Politics: National Politics	16.63
Mathematical Methods	15.74
English Language	14.95
International Politics: International Studies	14.45
Italian	13.22
English (ESL)	12.60
Music Styles	12.41
Economics	12.39
Classical Societies & Cultures	12.01
Literature	11.61
Philosophy	11.38
Music Performance: Solo	10.72
Texts and Traditions	10.42

### H 9: Proportion of Study Population Achieving a 2009 ENTER of at Least 90.00

ENTER at least 90.00	
2009 Study	Proportion of Study Population
Latin	85.33
French	55.41
Specialist Mathematics	52.53
Chinese (SL)	46.49
German	45.34
Chemistry	43.30
Japanese (SL)	40.24
Mathematical Methods (CAS)	38.33
Chinese (SL Advanced)	34.55
History: Renaissance Italy	34.30
Indonesian (SL)	33.72
Physics	32.55
International Politics: National Politics	31.44
Mathematical Methods	30.67
Italian	29.65
International Politics: International Studies	27.65
English Language	26.70
Economics	26.41
Music Styles	25.55
English (ESL)	24.18
Classical Societies & Cultures	24.03
Literature	23.21
Music Performance: Solo	22.30
History: Revolutions	19.00
Accounting	18.92
Philosophy	18.91
Texts and Traditions	18.45
Religion and Society	18.23
Chinese (FL)	17.74
Vietnamese	15.71
Theatre Studies	15.37
Auslan	15.15

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

## Maximum ENTER Subject Score Distribution by Study at Various ENTER levels.

The following tables give the studies and the percentage of maximum ENTER Subject Scores achieved in those studies for 2009 ENTERs in the top 10%, 5% and 2% (correct as of 10 January 2010). Only those studies where the percentage exceeded 1.8% are listed and percentages are of cases where the maximum ENTER Subject Score was achieved in any year.

Recall that each student has at most one maximum ENTER Subject Score unless a tie on 50.00 occurs.

### H 10: Analysis of Percentage of Maximum ENTER Subject Score per Study for a 2009 ENTER of at Least 98.00

ENTER at least 98.00		
Study	Percentage achieved in any year	Percentage achieved in 2009
Specialist Mathematics	12.26	12.20
French	10.27	9.09
English	10.02	9.89
Mathematical Methods	6.35	5.54
Mathematical Methods (CAS)	4.67	3.86
Further Mathematics	4.36	2.86
Psychology	3.67	2.43
Biology	3.48	1.87
Chemistry	3.48	3.48
Latin	3.11	2.68
Chinese (SL)	2.68	0.50
Legal Studies	2.61	2.18
Japanese (SL)	2.61	1.87
Physics	2.36	2.24
Accounting	2.18	1.49
Health & Human Development	1.99	1.12
Physical Education	1.93	1.06
<b>All Others</b>	<b>21.97</b>	

### H 11: Analysis of Percentage of Maximum ENTER Subject Score per Study for a 2009 ENTER of at Least 95.00

ENTER at least 95.00		
Study	Percentage achieved in any year	Percentage achieved in 2009
English	10.58	10.48
Mathematical Methods	8.42	7.55
French	8.39	7.45
Specialist Mathematics	7.91	7.83
Mathematical Methods (CAS)	5.72	4.76
Further Mathematics	4.78	3.43
Chemistry	4.09	4.07
Psychology	3.89	2.72
Biology	3.15	1.73
Japanese (SL)	3.03	2.21
Legal Studies	2.70	2.19
Chinese (SL)	2.54	0.84
Physical Education	2.14	1.27
Accounting	2.01	1.53
Health & Human Development	2.01	1.42
Latin	1.96	1.75
Business Management	1.91	1.32
Physics	1.83	1.75
<b>All others</b>	<b>22.94</b>	

### H 12: Analysis of Percentage of Maximum ENTER Subject Score per Study for a 2009 ENTER of at Least 90.00

ENTER at least 90.00		
Study	Percentage achieved in any year	Percentage achieved in 2009
English	10.30	10.22
Mathematical Methods	10.12	9.40
French	6.79	6.12
Mathematical Methods (CAS)	6.69	5.71
Further Mathematics	5.59	4.30
Specialist Mathematics	5.11	5.07
Psychology	4.23	3.09
Chemistry	3.50	3.47
Biology	2.93	1.80
Japanese (SL)	2.74	2.15
Legal Studies	2.65	2.24
Health & Human Development	2.56	1.94
Business Management	2.37	1.83
Chinese (SL)	2.36	0.85
Physical Education	2.14	1.32
Accounting	1.81	1.43
<b>All others</b>	<b>28.10</b>	

### H 13: Gender Breakdown in Various 2009 ENTER Ranges.

The following table gives the breakdown between males and females, in various ENTER ranges, of Victorian ENTERs actually achieved in 2009 (correct as of 10 January 2010).

ENTER Range	Gender	Count	Average ENTER	Standard Deviation of ENTER
all	Female	25042	66.74	21.895
	Male	21590	64.11	23.104
90.00 - 99.95	Female	4181	94.89	2.866
	Male	3393	95.17	2.916
80.00 - 89.95	Female	4239	84.95	2.918
	Male	3150	84.82	2.913
70.00 - 79.95	Female	3811	75.24	2.876
	Male	3086	75.11	2.922
60.00 - 69.95	Female	3688	65.00	2.870
	Male	2988	64.98	2.850
50.00 - 59.95	Female	3187	55.11	2.883
	Male	2777	55.00	2.868
40.00 - 49.95	Female	2586	45.19	2.897
	Male	2531	45.13	2.841
30.00 - 39.95	Female	1779	35.67	2.702
	Male	1815	35.64	2.756
20.00 - 29.95	Female	911	25.31	2.898
	Male	989	25.38	2.880
<20.00	Female	660	13.49	4.613
	Male	861	13.15	4.787

### H 14. The distribution of 2009 ENTERs for VCE students born on or after 1/1/1993

The distribution of 2009 ENTERs (correct as of 10 January 2010) for VCE students born on or after 1/1/1993 is as follows:

ENTER band	Frequency	Percentage	Cumulative frequency	Cumulative Percentage
[95.00, 100)	14	18.9	14	18.9
[90.00, 95.00)	5	6.8	19	25.7
[85.00, 90.00)	10	13.5	29	39.2
[80.00, 85.00)	9	12.2	38	51.4
[75.00, 80.00)	11	14.9	49	66.2
[70.00, 75.00)	3	4.1	52	70.3
[65.00, 70.00)	6	8.1	58	78.4
[60.00, 65.00)	3	4.1	61	82.4
[55.00, 60.00)	0	0.0	61	82.4
[50.00, 55.00)	3	4.1	64	86.5
[45.00, 50.00)	3	4.1	67	90.5
[40.00, 45.00)	3	4.1	70	94.6
[35.00, 40.00)	2	2.7	72	97.3
[30.00, 35.00)	1	1.4	73	98.6
[25.00, 30.00)	0	0.0	73	98.6
[20.00, 25.00)	0	0.0	73	98.6
[15.00, 20.00)	0	0.0	73	98.6
[10.00, 15.00)	0	0.0	73	98.6
[5.00, 10.00)	1	1.4	74	100.0
[0.00, 5.00)	0	0.0	74	100.0
All	74	100.0		

## H 15. The distribution of 2009 ENTERs by Region

The distribution of 2009 ENTERs (correct as of 10 January 2010), in various ENTER Bands, by Region – Region defined in terms of home postcode as detailed in earlier tables and repeated in the legend following the table, is as follows:

Region	ENTER Band																Overall		
	[95,100)	[90,95)	[85,90)	[80,85)	[75,80)	[70,75)	[65,70)	[60,65)	[55,60)	[50,55)	[45,50)	[40,45)	[35,40)	[30,35)	[25,30)	[20,25)		[10,20)	[0,10)
Barwon	115	163	167	192	182	188	190	175	164	152	150	131	101	77	55	30	55	17	2304
Central Highlands	66	91	70	88	92	70	85	76	71	101	87	71	60	38	32	28	43	15	1184
East Gippsland	22	28	39	38	65	47	56	47	49	42	47	40	40	11	15	8	12	4	610
Gippsland	58	78	80	91	125	111	109	103	107	104	96	95	82	55	46	29	36	11	1416
Goulburn	32	74	65	86	118	99	124	129	133	124	114	120	101	69	55	50	72	24	1589
Loddon	75	88	108	124	136	116	116	134	98	110	115	108	83	55	25	33	29	5	1558
Mallee	16	31	26	56	59	47	66	55	72	70	69	61	47	38	34	23	23	4	797
Ovens-Murray	40	36	34	57	64	56	63	62	69	76	45	56	57	33	18	13	18	6	803
Western District	36	50	74	88	66	59	66	73	53	79	54	54	34	22	10	8	19	2	847
Wimmera	10	19	25	29	24	26	33	27	40	26	26	30	23	13	15	7	6	2	381
Melbourne: City	69	50	54	50	59	31	48	31	25	29	19	30	23	14	8	5	11	9	565
Melbourne: NE Suburbs	1162	894	730	671	565	466	416	409	311	251	240	181	160	103	70	46	47	11	6733
Melbourne: SE Suburbs	719	582	529	550	470	402	419	355	316	322	263	238	192	127	90	90	130	51	5845
Melbourne: Outskirts	259	325	380	441	456	416	479	519	505	473	496	433	415	244	195	169	209	60	6474
Melbourne: N Suburbs	519	521	536	533	549	474	512	522	477	425	408	348	352	235	168	155	203	75	7012
Melbourne: S Suburbs	307	310	286	323	267	232	265	223	213	193	182	140	123	89	63	34	53	19	3322
Melbourne: W Suburbs	252	273	282	302	336	311	295	295	305	307	265	248	262	182	147	112	171	60	4405
Victoria – TOTAL	<b>3757</b>	<b>3613</b>	<b>3485</b>	<b>3719</b>	<b>3633</b>	<b>3151</b>	<b>3342</b>	<b>3235</b>	<b>3008</b>	<b>2884</b>	<b>2676</b>	<b>2384</b>	<b>2155</b>	<b>1405</b>	<b>1046</b>	<b>840</b>	<b>1137</b>	<b>375</b>	<b>45845</b>
ACT	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
NSW	15	17	26	20	15	20	20	19	14	22	12	21	9	7	4	0	2	4	247
NT	0	0	0	2	1	1	1	1	1	0	0	0	1	0	0	0	0	0	8
Queensland	1	1	1	2	4	3	2	1	0	1	0	1	0	0	0	0	1	0	18
SA	0	3	1	1	1	1	1	0	4	1	2	0	0	0	1	0	0	0	16
Tasmania	2	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	6
WA	1	1	1	1	0	0	0	1	0	0	1	0	0	1	0	1	1	0	9
Interstate – TOTAL	<b>19</b>	<b>23</b>	<b>29</b>	<b>27</b>	<b>22</b>	<b>26</b>	<b>25</b>	<b>22</b>	<b>19</b>	<b>24</b>	<b>15</b>	<b>22</b>	<b>11</b>	<b>9</b>	<b>5</b>	<b>1</b>	<b>4</b>	<b>4</b>	<b>307</b>
Unknown	78	84	69	60	37	28	30	22	8	21	10	10	10	4	4	4	0	1	480
<b>TOTAL</b>	<b>3854</b>	<b>3720</b>	<b>3583</b>	<b>3806</b>	<b>3692</b>	<b>3205</b>	<b>3397</b>	<b>3279</b>	<b>3035</b>	<b>2929</b>	<b>2701</b>	<b>2416</b>	<b>2176</b>	<b>1418</b>	<b>1055</b>	<b>845</b>	<b>1141</b>	<b>380</b>	<b>46632</b>

### Victorian Regions in terms of postcodes:

Barwon:	3212, 3214-323228, 3230-3233, 3235-3243, 3249-3251, 3254, 3321-3322, 3328-3333, 3351, 3360
Central Highlands:	3334, 3340-3342, 3345, 3350, 3352-3357, 3363-3365, 3370, 3373-3375, 3377-3379, 3384, 3458, 3460-3461, 3467-3469
East Gippsland:	3841, 3847, 3850-3853, 3857-3860, 3862, 3864-3865, 3873-3875, 3878, 3880, 3882, 3885-3893, 3895-3896, 3898, 3900, 3902-3904, 3909, 3971
Gippsland:	3816, 388, 3820-3825, 3831-3833, 3835, 3840, 3842, 3844, 3854, 3856, 3869-3871, 3921-3923, 3925, 3945-3946, 3950-3951, 3953-3954, 3956-3960, 3962, 3964-3967, 3979, 3984, 3987-393988, 3990-3992, 3995-3996
Goulburn:	3521-3522, 3559, 3561-3566, 3572, 3607-3608, 3610, 3612, 3614, 3616-3624, 3629-3641, 3643-3644, 3646-3647, 3649, 3658-3666, 3669-3673, 3711-3715, 3717-3720, 3722-3728, 3730, 3756, 3758, 3762-3764, 3778-3779,
Loddon:	3371, 3430-3435, 3437-3438, 3440-3442, 3444, 3446-3448, 3451, 3453-3454, 3462-3465, 3472, 3475, 3515-3518, 3520, 3523, 3537, 3550-3552, 3555-3558, 3570-3571, 3573, 3575-3576,
Mallee:	3480, 3482-3483, 3489-3490, 3494, 3496, 3498, 3500-3502, 3505-3507, 3509, 3512, 3525, 3527, 3529-3531, 3533, 3540, 3542, 3544, 3546, 3549, 3567-3568, 3579-3581, 3583-3586, 3588-3591, 3594-3597, 3599
Ovens-Murray:	3675-3678, 3682-3683, 3685, 3687-3691, 3694-3695, 3697-3701, 3704-3705, 3707-3709, 3732-3733, 3735-3741, 3744, 3746-3747, 3749,
Western District:	3260, 3264-3289, 3292-3294, 3300-3305, 3309-3312, 3314-3315, 3323-3325, 3361, 3407,
Wimmera:	3317-3319, 3380-3381, 3385, 3387-3388, 3390-3393, 3395-3396, 3400-3402, 3409, 3412-3415, 3418-3420, 3423-3424, 3477-3478, 3485, 3487-3488, 3491
Melbourne – City:	3000-3008, 3010, 3050-3053, 3098, 8001-8012, 8045, 8051, 8060-8061, 8066, 8069-8071, 8102-8103, 8107-8108, 8111, 8120, 8205, 8383, 8386, 8388, 8390, 8394-8396, 8399
Melbourne – North East Suburbs:	3101-3111, 3113-3115, 3117, 3121-3136, 3141-3147, 3151, 3181, 8627
Melbourne – South East Suburbs:	3148-3150, 3152-3156, 3161-3168, 3170-3176, 3178-3180, 3185, 3204, 3800
Melbourne – Outskirts:	3037, 3116, 3138-3140, 3158-3160, 3177, 3335, 3337-3338, 3427, 3750-3755, 3757, 3759-3761, 3765-3767, 3770, 3775, 3777, 3781-3783, 3785-3789, 3791-3793, 3795-3797, 3799, 3802-3810, 3812-3815, 3911-3913, 3915-3916, 3918-3920, 3926-3931, 3933-3934, 3936-3944, 3975-3978, 3980-3981
Melbourne – Northern Suburbs:	3039-3049, 3054-3068, 3070-3076, 3078-3079, 3081-3097, 3099, 3428-3429, 8576
Melbourne – Southern Suburbs:	3169, 3182-3184, 3186-3202, 3205-3207, 3910, 8873
Melbourne – Western Suburbs:	3011-3016, 3018-3034, 3036, 3038, 3211