

2006 Scaling Report.

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 2006 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 2005 and 2006, provided that at most one result is from 2005. The scaling population is therefore a subset of the entire population. The means and standard deviations below pertain to the scaling population in 2006.

The following table gives the 2006 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.

2006 Study	Mean	St. Dev.	20	25	30	35	40	45	50
Accounting	30.14	7.2	19	24	30	35	41	46	50
Agricultural & Horticultural Studies	24.52	7.2	13	18	23	28	35	42	50
Art	27.14	7.5	16	21	26	32	38	44	50
Biology	30.10	7.0	19	24	30	35	41	46	50
Business Management	26.14	7.1	15	20	25	31	37	43	50
Chemistry	34.44	7.1	23	29	35	40	44	48	50
Classical Societies & Cultures	31.99	7.6	20	26	32	38	43	47	50
Dance	27.52	6.5	18	23	28	33	38	43	50
Design and Technology	23.79	6.8	13	17	22	27	34	41	50
Drama	27.88	7.2	17	22	27	33	38	44	50
Economics	31.68	7.1	21	26	32	37	42	47	50
English	28.56	7.5	17	22	28	34	40	45	50
English (ESL)	28.84	8.1	16	22	28	35	41	46	50
English Language	30.42	7.6	19	24	30	36	42	46	50
Environmental Science	28.66	6.7	18	23	28	33	38	44	50
Food and Technology	23.73	6.8	13	17	22	27	34	41	50
Geography	29.43	7.3	18	24	29	35	41	46	50
Health and Human Development	26.35	7.0	16	20	25	31	37	43	50
History:									
Australian History	29.17	7.7	16	22	28	34	40	46	50
Renaissance Italy	33.90	7.1	22	28	34	39	44	47	50
Revolutions	30.47	7.6	19	25	31	36	42	47	50
Industry & Enterprise Studies	23.48	7.5	11	15	21	27	34	42	50
Information Technology:									
Information Systems	27.45	7.0	17	22	27	32	38	44	50
Information Processing and Management	26.17	7.1	15	20	25	31	37	43	50
International Politics:									
International Studies	30.56	8.0	19	25	31	37	42	47	50
National Politics	32.62	7.1	21	27	32	38	42	47	50
Legal Studies	28.73	7.6	17	22	28	34	40	45	50
Literature	30.96	7.1	20	25	31	36	41	46	50
LOTE:									
Albanian					Small Study, see Notes 1 & 2 below				
Arabic	28.27	6.5	19	24	29	34	40	45	50
Armenian					Small Study, see Notes 1 & 2 below				
Auslan	32.62	7.1	19	25	32	37	43	47	50
Bengali					See Note 3 below				
Bosnian	29.47	5.8	19	24	28	32	37	42	50
Chinese (FL)	33.55	7.2	21	27	33	39	44	48	50
Chinese (SL)	39.39	6.6	29	36	41	45	48	51	53
Chinese (SL Advanced)	38.16	6.8	27	34	39	44	48	50	52
Classical Greek					Small Study, see Notes 1 & 2 below				
Classical Hebrew					See Note 3 below				
Croatian	31.09	7.0	19	25	31	37	42	47	50
Czech					See Note 3 below				
Dutch					Small Study, see Notes 1 & 2 below				
Filipino	31.48	6.2	20	26	31	36	41	45	50
French	40.63	6.6	30	36	42	46	49	52	54
German	38.73	7.2	28	34	40	45	48	51	53
Greek	31.70	6.8	22	27	33	37	42	46	50
Hebrew	41.58	6.9	32	38	43	47	51	53	55
Hindi	33.75	7.5	22	28	34	39	43	47	50
Hungarian					Small Study, see Notes 1 & 2 below				
Indigenous Languages of Victoria					See Note 3 below				
Indonesian (FL)	33.51	6.4	23	29	34	39	43	47	50
Indonesian (SL)	37.15	6.4	27	33	38	42	46	48	50
Italian	36.13	6.7	26	32	37	42	45	48	50
Japanese (FL)	28.77	6.8	18	23	28	33	39	45	50
Japanese (SL)	38.85	6.7	29	35	40	44	48	51	52
Khmer					Small Study, see Notes 1 & 2 below				

2006 Study	Mean	St. Dev.	20	25	30	35	40	45	50
Korean (FL)	34.32	7.2	19	27	34	40	45	48	50
Korean (SL)	37.22	5.4	28	31	34	37	40	45	50
Latin	45.00	6.2	34	41	46	50	52	54	55
Latvian	See Note 3 below								
Lithuanian	See Note 3 below								
Macedonian	29.07	6.8	18	24	29	34	40	45	50
Maltese	Small Study, see Notes 1 & 2 below								
Persian	30.03	6.1	20	25	29	34	39	44	50
Polish	32.86	6.0	23	29	34	39	44	47	50
Portuguese	33.05	7.3	22	26	31	36	40	45	50
Punjabi	35.56	9.7	21	27	33	39	45	51	55
Romanian	Small Study, see Notes 1 & 2 below								
Russian	35.52	5.7	27	32	37	41	44	47	50
Serbian	30.94	7.6	18	25	31	38	43	47	50
Sinhala	26.63	8.2	16	23	31	38	44	48	50
Slovenian	See Note 3 below								
Spanish	32.51	6.0	24	29	33	37	42	46	50
Swedish	Small Study, see Notes 1 & 2 below								
Tamil	Small Study, see Notes 1 & 2 below								
Turkish	29.48	6.6	19	24	29	34	39	45	50
Ukrainian	Small Study, see Notes 1 & 2 below								
Vietnamese	33.88	6.7	23	29	35	40	44	48	50
Yiddish	Small Study, see Notes 1 & 2 below								
Mathematics:									
Further Mathematics	27.55	6.8	18	22	27	32	38	44	50
Mathematical Methods	35.63	7.0	25	31	36	41	45	48	50
Mathematical Methods (CAS)	35.36	6.8	25	31	37	41	45	48	50
Specialist Mathematics	40.63	7.4	29	36	41	46	50	53	55
Media	26.51	7.2	15	20	25	31	37	44	50
Music:									
Music Performance: Group	27.41	7.3	17	22	28	33	39	45	50
Music Performance: Solo	31.46	6.6	21	26	31	36	41	46	50
Music Styles	32.19	6.9	22	28	33	37	42	47	50
Outdoor and Environmental Studies	24.78	6.8	15	19	23	28	34	41	50
Philosophy	30.36	7.3	18	24	30	35	41	46	50
Physical Education	27.62	7.1	17	22	27	33	38	44	50
Physics	32.79	7.2	21	27	33	38	43	47	50
Psychology	28.41	7.2	17	22	28	33	39	45	50
Religion and Society	30.06	6.8	19	24	29	35	40	45	50
Sociology	25.56	7.2	15	19	24	30	36	43	50
Studio Arts	26.00	7.2	15	20	25	31	37	43	50
Systems and Technology	23.09	6.4	13	17	21	26	32	40	50
Texts and Traditions	30.95	6.6	22	26	31	36	40	45	50
Theatre Studies	29.33	7.4	18	23	29	34	40	45	50
Visual Communication and Design	26.56	7.1	16	21	26	31	37	43	50
VCE VET:									
VCE VET Business (Office Admin.)	24.07	6.3	15	19	23	28	33	40	50
VCE VET Community Services (Community Work)	23.10	6.6	13	17	22	26	32	40	50
VCE VET Dance	27.89	7.4	18	22	26	31	36	42	50
VCE VET Electrotechnology	24.31	6.1	16	21	25	30	35	42	50
VCE VET Engineering Studies – Cert II	24.15	5.0	17	20	23	26	30	36	50
VCE VET Engineering Studies – Cert III	Small Study, see Note 1 below								
VCE VET Equine Industry	27.93	6.8	18	22	27	32	37	43	50
VCE VET Financial Services	27.56	7.0	18	23	27	32	37	43	50
VCE VET Furnishing	23.90	5.9	15	18	22	26	31	37	50
VCE VET Hospitality – Commercial Cookery	25.43	6.7	16	20	24	29	34	40	50
VCE VET Hospitality – Food and Beverage	25.10	6.5	15	19	24	29	34	41	50
VCE VET Information Technology	25.58	6.6	16	20	25	30	35	42	50
VCE VET Laboratory Skills	Small Study, see Note 1 below								
VCE VET Multimedia	26.92	6.4	17	22	26	31	36	42	50
VCE VET Music	25.04	6.5	17	20	25	29	34	40	50
VCE VET Music Technical Production	26.27	6.0	18	22	26	31	36	42	50
VCE VET Sport and Recreation	22.42	6.5	14	17	21	25	30	36	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. The scaled mean for the small LOTE has been increased by five. As a guide only and for the last time: for small LOTEs (small studies not scaled automatically that are also LOTEs), estimate the 2006 ENTER subject score by adding 5 to the study score.
3. There were no 2006 enrolments in Bengali, Classical Hebrew, Czech, Latvian, Lithuanian or Slovenian, and although there were enrolments in Indigenous Languages of Victoria no student was awarded a numeric study score.

2006 Scaled Aggregate Table

Based on the 2006 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	93.2
45.00	98.7
50.00	104.4
55.00	110.3
60.00	115.9
62.00	118.3
64.00	120.8
65.00	122.2
66.00	123.5
68.00	126.1
70.00	128.8
72.00	131.5
74.00	134.1
75.00	135.5
76.00	136.9
78.00	139.8
80.00	142.8
82.00	145.9
84.00	149.3
85.00	151.1
86.00	152.8
88.00	156.8
90.00	160.7
91.00	163.0
92.00	165.4
93.00	167.8
94.00	170.6
95.00	173.5
96.00	176.9
97.00	181.0
97.50	183.4
98.00	186.1
98.50	189.3
99.00	193.6
99.25	196.2
99.50	199.4
99.60	200.7
99.70	202.5
99.80	205.1
99.90	208.6