

2008 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 2008 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 2007 and 2008, provided that at most one result is from 2007. The scaling population is therefore a subset of the entire population. The means and standard deviations below pertain to the scaling population in 2008.

The following table gives the 2008 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.

2008 Study	Mean	St. Dev.	20	25	30	35	40	45	50
Accounting	30.17	7.2	18	24	30	35	41	46	50
Agricultural & Horticultural Studies	24.76	7.3	14	19	24	29	36	43	50
Art	27.42	7.3	16	21	27	32	38	44	50
Biology	30.20	7.0	19	25	30	36	41	46	50
Business Management	26.37	7.1	16	21	26	31	37	43	50
Chemistry	34.43	7.1	22	29	35	40	44	48	50
Classical Societies & Cultures	32.68	7.2	21	27	32	38	43	47	50
Dance	27.67	6.5	19	23	28	33	38	44	50
Design and Technology	24.19	6.9	13	18	22	28	34	41	50
Drama	28.08	7.2	17	22	28	33	39	45	50
Economics	31.94	6.8	21	27	32	37	42	46	50
English	28.43	7.4	17	22	28	34	39	45	50
English (ESL)	29.03	8.2	16	22	29	35	41	46	50
English Language	31.08	7.5	19	25	31	37	42	47	50
Environmental Science	28.67	7.0	19	23	28	34	39	44	50
Food and Technology	23.96	6.6	14	18	23	28	34	41	50
Geography	29.38	7.3	18	24	29	35	40	45	50
Health and Human Development	26.16	7.0	16	20	25	31	37	43	50
History:									
Australian History	28.15	7.8	16	22	28	34	40	45	50
Renaissance Italy	33.36	7.4	22	28	34	39	44	47	50
Revolutions	30.58	7.6	19	24	30	36	41	46	50
Industry & Enterprise Studies	23.59	6.9	12	16	20	26	32	40	50
Information Technology:									
Information Technology – Software Development	27.30	6.7	17	22	27	32	37	43	50
Information Technology – IT Applications	25.83	7.0	15	20	25	30	36	43	50
International Politics:									
International Studies	32.19	7.6	20	26	32	38	43	47	50
National Politics	33.19	7.0	22	28	33	39	43	47	50
Legal Studies	28.56	7.5	17	22	28	34	40	45	50
Literature	31.4	7.2	20	26	31	37	42	46	50
LOTE:									
Albanian					Small Study, see Notes 1 & 2 below				
Arabic	28.75	7.2	17	22	27	33	38	44	50
Armenian					Small Study, see Notes 1 & 2 below				
Auslan	32.32	5.5	22	28	34	39	43	47	50
Bosnian	30.53	5.9	22	27	32	36	41	45	50
Chinese (FL)	34.35	7.3	21	27	34	40	44	48	50
Chinese (SL)	40.15	6.6	30	36	42	46	49	52	54
Chinese (SL Advanced)	38.26	6.7	27	34	40	44	48	50	52
Classical Greek	45.00	6.9	33	41	46	50	53	54	55
Classical Hebrew					Small Study, see Notes 1 & 2 below				
Croatian	33.29	6.3	23	27	31	35	39	44	50
Dutch					Small Study, see Notes 1 & 2 below				
Filipino	31.87	6.2	21	26	31	36	41	46	50
French	40.70	6.6	30	36	41	46	49	52	54
German	39.36	6.7	28	35	40	45	48	51	53
Greek	32.99	6.4	24	29	34	38	43	47	50
Hebrew	40.86	7.0	32	38	42	46	50	53	55
Hindi	32.38	6.3	23	28	33	38	42	46	50
Hungarian					Small Study, see Notes 1 & 2 below				
Indigenous Languages of Victoria					Small Study, see Notes 1 & 2 below				
Indonesian (FL)	36.42	7.0	26	32	38	42	46	49	51
Indonesian (SL)	37.33	6.4	27	33	37	42	46	49	50
Italian	36.44	6.5	26	32	37	42	45	48	50
Japanese (FL)	26.78	7.6	14	19	25	31	38	44	50
Japanese (SL)	38.53	6.7	28	34	40	44	48	50	52
Khmer					Small Study, see Notes 1 & 2 below				
Korean (FL)	34.83	6.8	21	28	34	40	45	48	50
Korean (SL)	37.47	5.3	26	33	38	42	46	48	50
Latin	45.00	6.2	35	42	47	50	53	54	55
Macedonian	29.92	7.1	22	26	30	35	39	44	50
Maltese					Small Study, see Notes 1 & 2 below				
Persian	29.72	7.0	18	24	29	35	40	46	50

2008 Study	Mean	St. Dev.	20	25	30	35	40	45	50
Polish	32.86	6.7	24	29	34	38	43	46	50
Portuguese	31.93	6.4	23	28	32	37	41	45	50
Punjabi	34.12	8.8	22	33	42	47	50	51	52
Romanian					Small Study, see Notes 1 & 2 below				
Russian	35.13	5.6	28	32	35	38	41	44	50
Serbian	29.03	6.6	20	25	30	35	39	44	50
Sinhala	36.76	5.1	27	31	35	39	42	46	50
Spanish	32.03	7.3	20	26	33	39	44	48	50
Swedish					Small Study, see Notes 1 & 2 below				
Tamil					Small Study, see Notes 1 & 2 below				
Turkish	27.72	5.9	20	24	28	33	37	42	50
Ukrainian					Small Study, see Notes 1 & 2 below				
Vietnamese	32.15	6.4	22	28	33	38	42	47	50
Yiddish					Small Study, see Notes 1 & 2 below				
Mathematics:									
Further Mathematics	27.74	6.8	18	23	28	33	38	44	50
Mathematical Methods	35.09	7.0	24	30	36	41	45	48	50
Mathematical Methods (CAS)	36.30	6.7	26	32	37	42	45	48	50
Specialist Mathematics	37.99	7.5	26	33	39	44	48	51	53
Media	26.47	7.1	15	20	25	31	37	44	50
Music:									
Music Performance: Group	27.50	7.3	17	22	28	34	40	45	50
Music Performance: Solo	30.86	6.8	21	26	31	36	41	46	50
Music Styles	31.59	6.6	21	27	32	37	42	46	50
Outdoor and Environmental Studies	25.12	6.8	15	19	24	29	35	41	50
Philosophy	30.43	7.3	19	24	30	36	41	46	50
Physical Education	27.38	7.13	17	22	27	32	38	44	50
Physics	32.60	7.2	21	27	33	38	43	47	50
Psychology	28.38	7.1	17	22	28	33	39	45	50
Religion and Society	30.22	6.5	21	25	30	35	40	45	50
Sociology	25.56	6.9	15	20	25	31	39	43	50
Studio Arts	26.03	7.2	15	20	25	31	37	43	50
Systems Engineering	23.81	6.5	14	18	22	27	33	40	50
Texts and Traditions	31.23	7.0	21	26	32	37	41	46	50
Theatre Studies	29.31	7.3	18	23	29	34	40	45	50
Visual Communication and Design	26.66	7.0	16	21	26	31	37	43	50
VCE VET:									
VCE VET Business (Office Admin.)	24.18	6.4	15	20	25	30	36	43	50
VCE VET Community Services (Community Work)	23.71	6.3	15	19	22	27	32	38	50
VCE VET Dance	27.37	7.1	21	23	25	27	34	42	50
VCE VET Electrotechnology	23.32	5.9	14	18	22	27	33	40	50
VCE VET Engineering Studies – Cert II	24.90	5.6	17	20	24	28	32	38	50
VCE VET Engineering Studies – Cert III					Small Study, see Note 1 below				
VCE VET Equine Industry	26.90	6.0	19	23	28	32	37	42	50
VCE VET Financial Services	28.60	5.3	20	24	28	32	37	42	50
VCE VET Furnishing	22.50	4.9	16	19	22	25	30	35	50
VCE VET Hospitality – Commercial Cookery	24.72	6.3	15	19	23	28	33	40	50
VCE VET Hospitality – Food and Beverage	25.35	6.4	16	20	25	30	35	42	50
VCE VET Information Technology	25.11	6.8	16	20	25	29	35	41	50
VCE VET Laboratory Skills					Small Study, see Note 1 below				
VCE VET Multimedia	26.33	6.7	16	21	25	30	36	42	50
VCE VET Music	25.83	6.2	18	21	25	29	33	39	50
VCE VET Music Technical Production	26.04	6.2	17	22	26	31	36	42	50
VCE VET Sport and Recreation	23.57	6.8	14	18	23	28	35	42	50

NOTES:

1. A number of studies were not scaled by the automatic procedure, since their eligible scaling population was less than or equal to eleven. These studies are annotated, as small study not scaled automatically. The means and standard deviation are not given in these cases, since they are not particularly informative.
2. For the small LOTEs, the LOTE adjustment is the maximum of zero and the average LOTE adjustment over 2005, 2006 and 2007. The following table gives the ENTER Subject scores for small LOTEs in 2008.

Small LOTE Study Score	1	2	3	4	5	6	7	8	9	10
2008 ENTER Subject Score	1.00	2.02	3.18	4.37	5.58	6.82	8.06	9.32	10.57	11.84
Small LOTE Study Score	11	12	13	14	15	16	17	18	19	20
2008 ENTER Subject Score	13.10	14.36	15.62	16.88	18.12	19.37	20.60	21.82	23.03	24.23
Small LOTE Study Score	21	22	23	24	25	26	27	28	29	30
2008 ENTER Subject Score	25.41	26.58	27.74	28.88	30.00	31.11	32.20	33.27	34.32	35.36
Small LOTE Study Score	31	32	33	34	35	36	37	38	39	40
2008 ENTER Subject Score	36.37	37.37	38.34	39.29	40.23	41.14	42.03	42.89	43.74	44.55
Small LOTE Study Score	41	42	43	44	45	46	47	48	49	50
2008 ENTER Subject Score	45.35	46.12	46.86	47.58	48.26	48.91	49.52	50.08	50.56	50.74

2008 Scaled Aggregate Table

Based on the 2008 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	91.4
45.00	97.8
50.00	104.0
55.00	109.6
60.00	115.4
62.00	118.0
64.00	120.7
65.00	122.1
66.00	123.4
68.00	126.0
70.00	128.5
72.00	131.1
74.00	133.9
75.00	135.4
76.00	136.8
78.00	139.8
80.00	142.9
82.00	146.4
84.00	149.8
85.00	151.5
86.00	153.3
88.00	156.8
90.00	161.0
91.00	163.1
92.00	165.5
93.00	168.1
94.00	170.7
95.00	173.6
96.00	176.9
97.00	180.8
97.50	183.2
98.00	185.6
98.50	188.8
99.00	192.7
99.25	195.0
99.50	198.0
99.60	199.6
99.70	201.3
99.80	203.3
99.90	206.4