

2005 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 2005 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 2004 and 2005, provided that at most one result is from 2004. The scaling population is therefore a subset of the entire population. The means and standard deviations below pertain to the scaling population in 2005.

The following table gives the 2005 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.

2005 Study	Mean	St. Dev.	20	25	30	35	40	45	50
Accounting	30.06	7.1	18	24	30	35	41	46	50
Agricultural & Horticultural Studies	23.28	7.2	13	17	22	27	34	41	50
Art	27.66	7.2	16	21	27	32	38	44	50
Biology	30.21	7.1	19	25	30	35	41	46	50
Business Management	25.98	7.1	15	20	25	31	37	43	50
Chemistry	34.32	7.2	22	29	35	40	44	48	50
Classical Societies & Cultures	31.90	7.1	21	27	32	37	42	47	50
Contemporary Australian Society	25.53	7.7	14	19	25	31	37	44	50
Dance	27.73	7.1	18	23	28	33	38	44	50
Design and Technology	23.46	6.9	13	17	22	27	33	41	50
Drama	27.77	7.2	17	22	27	32	38	44	50
Economics	31.57	7.0	21	26	32	37	42	46	50
English	28.53	7.5	17	22	28	34	40	45	50
English (ESL)	28.91	8.1	16	22	28	35	41	46	50
English Language	30.20	7.6	18	24	30	36	41	46	50
Environmental Science	28.50	6.9	18	23	28	34	40	45	50
Food and Technology	23.50	6.8	13	17	22	27	33	41	50
Geography	29.39	7.2	18	23	29	35	40	45	50
Health and Human Development	26.28	7.0	16	20	25	31	37	43	50
History:									
Australian History	29.26	7.8	17	23	29	35	41	46	50
Renaissance Italy	33.60	7.1	22	28	34	39	43	47	50
Revolutions	30.99	7.7	19	25	31	37	42	47	50
Industry & Enterprise Studies	23.56	7.2	11	15	21	27	34	42	50
Information Technology:									
Information Systems	27.82	7.0	17	22	27	32	38	44	50
Information Processing and Management	26.08	7.1	15	20	25	31	37	43	50
International Studies	31.39	8.0	19	25	31	37	43	47	50
Legal Studies	28.70	7.5	17	23	28	34	40	45	50
Literature	31.20	7.1	20	26	31	36	41	46	50
LOTE:									
Albanian	27.08	7.1	15	20	25	31	38	44	50
Arabic	28.81	6.5	20	24	29	34	38	44	50
Armenian					Small Study, see Notes 1 & 2 below				
Auslan	32.20	6.4	21	28	33	39	43	47	50
Bengali					Small Study, see Notes 1 & 2 below				
Chinese (FL)	34.15	7.1	21	27	33	39	44	48	50
Chinese (SL)	39.97	6.9	29	35	41	45	49	52	54
Chinese (SL Advanced)	35.88	7.7	24	32	39	44	47	50	51
Classical Greek					Small Study, see Notes 1 & 2 below				
Croatian	29.87	7.2	20	26	31	36	41	46	50
Czech					Small Study, see Notes 1 & 2 below				
Dutch					Small Study, see Notes 1 & 2 below				
Filipino	30.35	6.2	19	24	30	35	40	45	50
French	40.66	6.6	31	37	42	46	49	52	54
German	38.91	6.8	28	34	40	44	48	51	53
Greek	32.42	6.8	22	27	32	37	42	46	50
Hebrew	41.95	6.7	32	38	44	48	51	54	55
Hindi					Small Study, see Notes 1 & 2 below				
Hungarian					Small Study, see Notes 1 & 2 below				
Indigenous Languages of Victoria					Small Study, see Notes 1 & 2 below				
Indonesian (FL)	34.72	7.5	22	29	35	41	45	48	50
Indonesian (SL)	37.40	6.7	27	33	38	43	46	49	51
Italian	36.08	6.9	25	31	37	41	45	48	50
Japanese (FL)	29.76	7.2	16	22	29	35	42	47	50
Japanese (SL)	38.92	6.8	28	35	40	44	48	51	53

2005 Study	Mean	St. Dev.	20	25	30	35	40	45	50
Khmer	31.03	5.8	21	25	29	33	37	42	50
Korean (FL)	34.43	6.8	23	28	34	38	43	47	50
Korean (SL)	38.38	5.9	31	35	38	40	43	46	50
Latin	45.00	6.2	35	41	46	50	52	54	55
Latvian	Small Study, see Notes 1 & 2 below								
Lithuanian	Small Study, see Notes 1 & 2 below								
Macedonian	29.19	6.6	21	25	28	32	37	42	50
Maltese	31.62	6.2	19	25	32	38	43	47	50
Persian	30.84	7.3	16	22	29	36	42	47	50
Polish	34.14	4.8	28	32	36	39	42	46	50
Portuguese	30.21	5.9	20	25	31	36	41	46	50
Punjabi	32.33	6.4	22	28	33	38	43	47	50
Romanian	30.89	7.7	19	24	29	34	39	44	50
Russian	35.71	6.4	25	31	37	41	45	48	50
Serbian	29.83	5.5	21	26	30	35	39	44	50
Sinhala	Small Study, see Notes 1 & 2 below								
Slovenian	Small Study, see Notes 1 & 2 below								
Spanish	31.93	5.9	24	28	32	36	40	44	50
Swedish	Small Study, see Notes 1 & 2 below								
Tamil	Small Study, see Notes 1 & 2 below								
Turkish	28.11	7.2	17	22	27	33	38	44	50
Ukrainian	Small Study, see Notes 1 & 2 below								
Vietnamese	33.69	6.9	22	28	33	38	43	47	50
Mathematics:									
Further Mathematics	27.49	6.8	18	22	27	32	38	43	50
Mathematical Methods	35.69	7.0	25	31	37	41	45	48	50
Mathematical Methods (CAS)	35.74	6.4	26	32	37	41	45	48	50
Specialist Mathematics	40.76	7.3	29	36	42	46	50	53	55
Media	26.40	7.1	15	20	25	31	37	44	50
Music:									
Music Performance: Group	26.82	6.8	18	22	28	33	38	44	50
Music Performance: Solo	31.37	7.0	21	26	32	37	42	47	50
Music Styles	32.85	7.0	21	27	33	38	43	47	50
Outdoor and Environmental Studies	24.59	6.9	14	19	23	29	35	42	50
Philosophy	30.16	7.6	18	24	30	36	41	46	50
Physical Education	27.59	7.2	17	22	27	33	38	44	50
Physics	32.75	7.3	21	27	33	38	43	47	50
Political Studies	33.17	6.8	22	28	33	38	43	47	50
Psychology	28.38	7.0	17	22	28	33	39	45	50
Religion and Society	29.50	6.8	19	24	29	34	40	45	50
Studio Arts	25.94	7.2	15	20	25	30	36	43	50
Systems and Technology	22.75	6.5	13	17	21	26	32	39	50
Texts and Traditions	31.49	6.4	21	27	32	36	41	46	50
Theatre Studies	29.46	7.3	18	24	29	35	40	45	50
Visual Communication and Design	26.52	7.0	16	21	26	31	37	43	50
VCE VET:									
VCE VET Business (Office Admin.)	24.09	6.5	15	19	23	28	34	40	50
VCE VET Community Services (Community Work)	23.85	6.8	14	18	23	27	33	40	50
VCE VET Dance	27.28	8.0	20	23	25	27	31	39	50
VCE VET Electronics	23.52	6.7	15	19	24	29	35	42	50
VCE VET Equine Industry	26.31	6.0	18	22	26	31	36	42	50
VCE VET Financial Services	27.48	6.7	23	27	31	35	39	44	50
VCE VET Furnishing (Cabinet Making)	21.39	6.2	13	17	21	26	32	39	50
VCE VET Hospitality – Commercial Cookery	25.65	6.8	15	20	25	30	36	43	50
VCE VET Hospitality – Food and Beverage	24.89	6.3	15	19	24	29	35	41	50
VCE VET Information Technology	25.48	6.7	16	20	25	30	36	42	50
VCE VET Laboratory Skills	Small Study, see Note 1 below								
VCE VET Multimedia	26.10	6.4	17	22	26	31	36	42	50
VCE VET Music	25.13	6.7	15	19	24	29	34	41	50
VCE VET Music Technical Production	25.97	5.8	18	22	25	30	34	40	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: for small LOTEs (small studies not scaled automatically that are also LOTEs), estimate the ENTER subject score by adding 5 to the study score.

2005 Scaled Aggregate Table

Based on the 2005 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	97.0
45.00	101.9
50.00	107.4
55.00	112.9
60.00	118.3
62.00	120.6
64.00	123.1
65.00	124.5
66.00	125.9
68.00	128.5
70.00	131.1
72.00	133.6
74.00	136.3
75.00	137.6
76.00	139.0
78.00	142.0
80.00	145.1
82.00	148.3
84.00	151.6
85.00	153.3
86.00	155.1
88.00	158.8
90.00	162.9
91.00	165.0
92.00	167.4
93.00	170.1
94.00	172.8
95.00	175.9
96.00	179.1
97.00	183.0
97.50	185.1
98.00	187.4
98.50	190.4
99.00	194.0
99.25	196.2
99.50	199.3
99.60	200.6
99.70	202.4
99.80	204.5
99.90	207.7