

Table A3 Descriptive statistics and selected percentiles for HSC marks and scaled marks by course

- Notes: (i) The **Number** column shows the number of students who completed the course in 2017.
(ii) The **P₉₉, P₉₀, P₇₅, P₅₀, P₂₅** columns refer to the 99th, 90th, 75th, 50th and 25th percentiles respectively.
(iii) The table excludes courses with less than 10 students or less than four ATAR-eligible students and no percentile data are given for courses with less than 40 students.
(iv) This table should not be used as a simple HSC to scaled mark conversion table. For each HSC mark there can be a range of raw marks and therefore a range of scaled marks.

Course	Number	Type of mark	Mean	SD	Max. mark	P ₉₉	P ₉₀	P ₇₅	P ₅₀	P ₂₅
Aboriginal Studies	575	HSC	34.4	8.1	49.5	49.0	46.0	40.5	34.0	29.0
		scaled	12.8	12.4	43.0	42.2	35.1	20.0	8.0	2.7
Agriculture	1,422	HSC	35.5	6.3	49.0	47.0	43.5	40.0	36.0	31.5
		scaled	18.9	11.1	45.5	42.2	35.2	27.8	17.7	9.5
Ancient History	8,834	HSC	36.1	7.4	49.0	47.5	44.5	41.5	37.0	31.5
		scaled	23.8	11.0	49.7	45.3	38.4	32.3	24.1	15.2
Biology	18,152	HSC	37.4	6.5	49.5	47.5	45.0	42.5	38.0	33.5
		scaled	26.2	10.3	50.0	45.7	40.0	34.4	26.6	18.3
Business Studies	17,469	HSC	36.8	6.5	49.0	47.0	44.5	41.5	37.5	33.0
		scaled	24.1	10.8	49.6	44.9	38.5	32.7	24.4	15.6
Chemistry	10,974	HSC	37.8	5.7	49.0	47.0	44.5	42.5	38.5	34.0
		scaled	31.4	9.6	50.0	46.8	42.8	39.0	32.9	24.9
Community & Family Studies	8,362	HSC	36.6	5.7	49.0	46.5	43.0	40.5	37.5	33.5
		scaled	18.7	10.4	44.0	40.2	33.5	26.7	17.9	10.0
Dance	925	HSC	39.5	5.2	50.0	49.0	45.0	43.5	40.0	36.0
		scaled	23.3	11.3	47.7	45.4	38.7	32.7	22.6	13.9
Design & Technology	3,158	HSC	38.6	5.2	49.5	48.0	45.0	42.5	39.0	35.0
		scaled	22.0	10.6	47.8	45.1	36.6	30.1	21.7	13.2
Drama	4,690	HSC	39.1	4.5	49.5	48.0	45.5	42.5	39.0	36.0
		scaled	23.5	10.9	49.7	47.0	39.1	31.5	22.9	15.3
Earth & Environmental Science	1,725	HSC	37.5	5.7	49.0	47.5	44.0	41.5	38.5	34.5
		scaled	23.4	10.6	48.5	45.1	37.5	31.6	23.8	15.3
Economics	5,261	HSC	38.5	6.3	49.5	47.5	45.5	43.5	39.5	34.5
		scaled	32.1	9.6	50.0	46.8	42.8	39.3	34.1	26.2
Engineering Studies	1,972	HSC	37.3	5.8	49.0	47.5	45.0	42.0	37.5	33.0
		scaled	26.0	10.1	50.0	45.9	39.2	33.8	26.4	18.3
English Standard	30,913	HSC	34.8	5.4	48.0	44.5	41.0	38.5	35.5	32.0
		scaled	20.1	8.7	47.7	40.1	31.9	26.2	19.8	13.6
English Advanced	26,779	HSC	40.7	4.2	49.5	47.5	45.5	43.5	41.0	38.5
		scaled	31.5	8.5	50.0	46.5	41.9	38.0	32.4	26.0
English Extension 1	4,333	HSC	41.7	4.6	50.0	48.0	47.0	45.0	43.0	39.0
		scaled	35.9	6.5	50.0	46.7	43.4	40.6	37.0	32.2
English Extension 2	1,672	HSC	39.2	5.6	50.0	50.0	47.0	44.0	39.0	35.0
		scaled	35.5	7.1	50.0	49.0	45.0	41.0	35.8	30.4
ESL	2,336	HSC	35.1	7.0	49.0	47.0	43.0	40.0	36.0	31.5
		scaled	22.2	11.5	49.7	46.1	37.9	30.9	22.1	13.4
Food Technology	3,305	HSC	36.0	6.5	49.5	47.5	44.5	41.0	36.5	31.5
		scaled	20.2	11.2	47.1	42.4	36.0	29.2	19.3	10.6
Geography	4,589	HSC	37.6	6.1	48.5	47.0	44.5	42.0	38.5	34.5
		scaled	25.4	11.0	50.0	45.8	39.5	34.2	25.9	17.0

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Course	Number	Type of mark	Mean	SD	Max. mark	P ₉₉	P ₉₀	P ₇₅	P ₅₀	P ₂₅
Industrial Technology	5,726	HSC	34.1	7.2	49.5	47.5	43.0	39.0	34.5	29.5
		scaled	16.9	9.8	40.9	38.5	31.2	24.4	15.6	8.5
Information Processes & Technology	2,684	HSC	36.1	6.7	49.0	47.5	44.0	40.5	37.5	32.0
		scaled	21.5	11.0	47.9	44.2	36.2	29.8	21.7	12.9
Legal Studies	10,797	HSC	38.2	6.2	49.0	47.5	45.5	43.0	39.0	35.0
		scaled	25.7	10.9	50.0	45.7	39.9	34.3	26.3	17.5
Mathematics General 2	31,543	HSC	34.5	7.4	50.0	47.5	44.0	40.0	35.0	29.5
		scaled	21.7	10.5	46.3	42.5	36.3	30.1	21.3	13.3
Mathematics	17,060	HSC	39.2	7.1	50.0	49.5	47.0	44.5	40.5	35.0
		scaled	31.2	10.2	50.0	48.3	43.4	38.9	32.4	24.8
Mathematics Extension 1	8,770	HSC	40.9	7.2	50.0	50.0	48.5	47.0	42.0	37.0
		scaled	39.3	6.7	50.0	49.5	47.3	44.6	40.3	35.3
Mathematics Extension 2	3,223	HSC	40.8	6.8	50.0	49.5	48.0	46.0	42.0	37.5
		scaled	43.2	4.7	50.0	49.5	47.9	46.4	44.2	41.3
Modern History	11,139	HSC	37.1	6.9	49.0	47.0	44.5	42.0	38.5	34.0
		scaled	25.9	11.1	50.0	45.9	40.0	34.8	26.9	17.8
History Extension	2,004	HSC	39.2	6.1	50.0	49.0	46.0	44.0	40.0	35.0
		scaled	33.7	6.8	49.6	46.5	42.0	38.6	34.2	29.5
Music 1	4,757	HSC	41.0	4.5	50.0	48.5	46.0	44.0	41.5	38.5
		scaled	21.5	10.6	47.2	43.5	36.2	29.6	21.1	13.1
Music 2	748	HSC	43.5	2.9	49.5	49.0	47.5	45.5	43.5	41.5
		scaled	34.2	8.3	50.0	48.6	44.9	40.6	34.8	28.9
Music Extension	409	HSC	44.6	5.2	50.0	50.0	50.0	49.0	46.0	42.0
		scaled	35.5	9.6	50.0	50.0	48.3	43.7	36.1	28.5
PDH&PE	15,679	HSC	35.7	7.0	49.0	47.0	44.5	41.0	36.5	31.5
		scaled	22.7	10.6	48.2	43.2	37.3	31.3	22.6	14.2
Physics	9,573	HSC	36.9	6.4	49.0	47.5	45.0	41.5	37.5	33.5
		scaled	30.5	9.9	50.0	46.5	42.4	38.5	31.8	23.4
Senior Science	7,061	HSC	35.7	6.3	48.5	46.5	43.5	39.5	36.0	32.5
		scaled	18.5	10.1	43.2	39.8	32.9	26.1	17.8	10.2
Society & Culture	4,537	HSC	38.8	5.7	49.5	48.0	45.5	43.0	39.5	35.5
		scaled	23.5	10.6	48.6	45.1	37.9	31.6	23.1	15.4
Software Design & Development	1,801	HSC	37.0	6.4	49.5	48.0	45.0	42.0	37.5	33.0
		scaled	24.1	10.7	48.8	44.7	38.3	32.6	24.1	15.8
Studies of Religion I	9,011	HSC	39.2	5.1	50.0	48.0	45.0	43.0	40.0	36.0
		scaled	27.9	8.8	48.1	44.2	39.0	34.7	28.5	22.0
Studies of Religion II	5,954	HSC	38.3	5.3	49.0	47.0	44.5	42.5	39.5	35.5
		scaled	27.3	9.9	50.0	45.2	39.5	34.9	28.5	20.7
Textiles & Design	1,471	HSC	38.9	5.8	50.0	48.5	45.5	43.0	40.0	35.5
		scaled	22.6	11.4	49.0	45.9	38.3	31.1	22.5	13.4
Visual Arts	9,071	HSC	40.1	4.1	50.0	48.0	45.0	43.0	40.0	37.5
		scaled	21.9	11.2	49.1	45.1	37.4	30.5	21.3	12.8
Arabic Continuers	265	HSC	40.0	4.2	47.5	46.5	44.5	43.0	41.0	37.5
		scaled	16.8	11.5	44.1	42.4	34.4	24.7	15.3	6.4
Arabic Extension	109	HSC	38.9	5.2	47.0	47.0	46.0	43.0	39.0	35.0
		scaled	23.4	7.3	39.6	38.2	32.7	29.1	22.6	18.5

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Course	Number	Type of mark	Mean	SD	Max. mark	P ₉₉	P ₉₀	P ₇₅	P ₅₀	P ₂₅
Chinese Beginners	63	HSC	39.1	8.3	49.5	49.5	48.5	47.5	40.5	30.5
		scaled	22.8	13.5	48.1	48.1	40.9	35.7	22.5	8.5
Chinese Continuers	128	HSC	42.9	4.9	49.5	49.0	48.0	46.5	44.0	40.5
		scaled	32.5	9.3	50.0	45.9	44.2	39.8	33.7	27.1
Chinese Extension	29	HSC	46.0	2.0	50.0					
		scaled	37.3	5.6	50.0					
Chinese & Literature	721	HSC	41.1	3.4	47.5	47.0	45.5	43.5	41.0	39.0
		scaled	22.8	10.8	48.9	46.6	38.2	30.7	21.3	14.3
Chinese in Context	98	HSC	43.9	3.0	49.0	49.0	47.5	46.0	44.5	41.5
		scaled	32.0	9.3	50.0	50.0	44.6	39.5	32.6	24.5
Classical Greek Continuers	27	HSC	43.7	4.9	49.5					
		scaled	39.0	7.5	50.0					
Classical Greek Extension	19	HSC	45.7	4.9	50.0					
		scaled	41.4	7.0	50.0					
Classical Hebrew Continuers	23	HSC	43.8	5.0	49.0					
		scaled	36.7	10.1	50.0					
Classical Hebrew Extension	13	HSC	45.2	4.8	50.0					
		scaled	37.8	8.7	50.0					
Filipino	17	HSC	42.7	4.1	49.0					
		scaled	21.7	10.0	42.8					
French Beginners	538	HSC	38.2	7.3	49.5	49.0	47.0	44.0	39.0	34.0
		scaled	24.6	11.1	49.6	47.5	39.5	32.9	25.0	16.2
French Continuers	698	HSC	41.0	5.1	49.0	48.5	46.5	45.0	41.5	38.5
		scaled	34.6	8.4	50.0	49.2	44.5	40.5	35.4	29.9
French Extension	164	HSC	42.1	4.8	50.0	49.0	48.0	46.0	43.0	38.0
		scaled	39.7	5.1	50.0	48.6	46.6	44.0	39.8	36.0
German Beginners	112	HSC	42.3	4.9	49.0	49.0	47.0	45.5	44.0	39.5
		scaled	27.5	10.3	48.8	48.8	39.2	34.2	29.8	19.8
German Continuers	226	HSC	40.8	4.8	49.0	48.5	47.0	45.0	41.0	37.0
		scaled	34.0	8.5	50.0	49.1	45.0	40.5	35.0	27.6
German Extension	58	HSC	43.1	3.2	49.0	49.0	46.0	46.0	43.0	41.0
		scaled	39.2	5.5	50.0	50.0	45.5	43.7	38.9	36.2
Hindi	24	HSC	42.5	3.0	48.0					
		scaled	32.0	11.4	50.0					
Indonesian Beginners	32	HSC	41.8	5.9	48.5					
		scaled	25.7	13.2	50.0					
Indonesian Continuers	74	HSC	40.6	5.5	48.0	48.0	46.5	45.0	42.0	37.0
		scaled	30.4	9.6	48.7	48.7	42.8	37.8	31.2	23.4
Indonesian & Literature	73	HSC	40.4	2.1	46.5	46.5	43.0	41.5	40.5	39.0
		scaled	31.7	5.6	45.3	45.3	38.9	34.8	31.7	28.4
Italian Beginners	339	HSC	36.7	7.9	49.5	49.0	46.5	42.0	37.0	32.5
		scaled	24.5	11.4	49.9	47.4	41.1	32.6	23.7	16.0
Italian Continuers	282	HSC	40.2	5.3	49.5	49.0	46.5	44.5	41.0	37.0
		scaled	31.7	8.2	49.5	46.6	41.6	38.0	32.0	26.7

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Course	Number	Type of mark	Mean	SD	Max. mark	P ₉₉	P ₉₀	P ₇₅	P ₅₀	P ₂₅
Italian Extension	53	HSC	43.5	3.2	48.0	48.0	47.0	45.0	44.0	41.0
		scaled	37.6	5.1	50.0	50.0	42.7	40.5	38.2	34.3
Japanese Beginners	712	HSC	37.0	7.9	50.0	49.5	46.0	43.0	38.0	32.0
		scaled	23.4	11.3	48.3	46.1	38.0	32.6	23.2	14.1
Japanese Continuers	679	HSC	40.5	6.1	49.5	49.0	47.5	45.0	41.5	37.0
		scaled	31.3	9.5	50.0	47.9	43.0	38.6	32.3	25.3
Japanese Extension	162	HSC	41.7	5.1	49.0	49.0	47.0	46.0	43.0	38.0
		scaled	37.7	5.1	50.0	48.1	44.8	41.0	37.9	34.2
Japanese & Literature	14	HSC	40.9	4.3	49.0					
		scaled	18.6	11.4	44.9					
Japanese in Context	28	HSC	42.3	2.7	47.0					
		scaled	29.5	6.8	44.6					
Korean Beginners	95	HSC	41.3	5.0	50.0	50.0	46.5	45.0	42.5	38.0
		scaled	26.7	9.6	47.5	47.5	37.6	33.8	28.3	20.1
Korean & Literature	34	HSC	41.3	4.9	49.0					
		scaled	26.6	10.7	50.0					
Korean in Context	64	HSC	43.0	4.6	48.5	48.5	47.5	46.0	44.5	41.0
		scaled	26.5	11.7	50.0	50.0	43.5	34.7	26.8	17.5
Latin Continuers	159	HSC	43.6	4.4	49.5	49.0	48.0	47.0	45.0	41.5
		scaled	40.3	6.9	50.0	49.5	47.6	45.2	41.5	37.5
Latin Extension	90	HSC	45.4	4.3	50.0	50.0	49.0	48.0	47.0	44.0
		scaled	42.2	6.0	50.0	50.0	48.2	46.8	43.7	38.9
Macedonian	27	HSC	40.8	4.3	47.5					
		scaled	26.2	12.3	50.0					
Modern Greek Beginners	84	HSC	42.6	5.7	49.5	49.5	48.5	47.0	44.5	40.0
		scaled	26.0	11.3	48.8	48.8	40.8	34.4	27.2	17.9
Modern Greek Continuers	78	HSC	42.0	5.9	50.0	50.0	48.0	46.5	43.0	39.5
		scaled	24.8	12.2	50.0	50.0	40.2	34.4	24.1	16.2
Modern Greek Extension	36	HSC	45.1	3.2	49.0					
		scaled	31.1	9.8	48.5					
Modern Hebrew	43	HSC	45.7	2.0	49.0	49.0	48.0	47.5	46.0	44.5
		scaled	37.2	6.8	50.0	50.0	46.7	42.9	37.9	32.3
Persian	29	HSC	43.1	3.8	48.0					
		scaled	21.8	13.2	47.5					
Polish	27	HSC	43.6	3.5	49.0					
		scaled	29.7	9.0	49.7					
Portuguese	15	HSC	43.2	3.1	46.5					
		scaled	31.4	12.7	49.1					
Punjabi Continuers	18	HSC	41.4	2.6	46.0					
		scaled	29.4	9.2	47.8					
Russian	21	HSC	45.4	2.8	49.0					
		scaled	29.8	8.9	46.8					
Serbian	22	HSC	43.3	2.6	46.5					
		scaled	24.5	13.1	48.9					
Spanish Beginners	255	HSC	38.8	5.7	49.5	49.0	45.0	43.0	39.5	35.5
		scaled	25.7	11.3	50.0	49.0	40.4	34.2	25.7	16.9

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Course	Number	Type of mark	Mean	SD	Max. mark	P ₉₉	P ₉₀	P ₇₅	P ₅₀	P ₂₅
Spanish Continuers	171	HSC	38.5	4.3	46.5	46.0	44.5	42.0	39.5	35.5
		scaled	25.6	11.2	50.0	49.4	41.6	33.4	26.1	17.6
Spanish Extension	53	HSC	39.0	5.2	47.0	47.0	45.0	44.0	40.0	36.0
		scaled	32.2	8.0	49.4	49.4	42.2	38.3	33.0	27.4
Turkish	32	HSC	42.7	4.3	47.0					
		scaled	25.8	12.9	46.6					
Vietnamese	145	HSC	40.8	3.6	48.0	47.0	45.0	43.0	41.5	39.0
		scaled	22.4	10.7	48.1	46.0	37.6	29.6	21.7	14.6
Automotive Exam	287	HSC	35.1	5.0	47.5	47.0	41.5	38.0	35.0	31.5
		scaled	13.9	9.0	36.1	35.6	27.8	20.6	12.2	6.3
Business Services Exam	1,102	HSC	37.7	5.8	49.5	48.0	44.0	41.5	38.5	35.0
		scaled	18.6	10.2	42.9	40.9	32.4	26.1	17.8	10.5
Construction Exam	1,616	HSC	36.0	4.5	48.0	45.5	41.5	39.0	36.0	33.0
		scaled	15.7	9.5	39.1	36.8	29.7	23.5	13.8	7.8
Electrotechnology Exam	223	HSC	35.1	4.3	45.5	44.5	40.5	38.0	35.0	33.0
		scaled	17.1	8.9	38.8	37.1	29.7	23.7	15.8	10.7
Entertainment Industry Exam	941	HSC	37.8	5.5	50.0	47.0	44.5	41.5	38.5	35.0
		scaled	21.1	9.2	43.7	39.9	33.4	28.3	21.2	13.8
Financial Services Exam	81	HSC	36.5	5.2	47.5	47.5	43.0	41.0	36.0	33.0
		scaled	25.5	9.8	48.0	48.0	37.5	32.1	25.0	19.4
Hospitality Exam	5,084	HSC	36.5	5.5	48.5	46.0	43.0	40.5	37.0	33.5
		scaled	19.1	10.0	43.7	41.0	33.9	26.8	18.7	11.7
Human Services Exam	674	HSC	36.4	4.2	49.5	46.0	41.5	39.0	36.5	33.5
		scaled	18.7	9.4	41.9	40.0	32.8	25.5	18.1	11.1
Information & Digital Technology Exam	716	HSC	36.7	4.8	47.5	45.5	42.5	39.5	37.0	33.5
		scaled	18.0	9.4	40.9	38.4	31.6	24.5	16.9	10.0
Metal & Engineering Exam	413	HSC	32.6	5.8	45.5	43.5	39.0	36.5	33.0	29.5
		scaled	14.7	9.6	38.2	36.2	28.4	21.4	13.3	6.4
Primary Industries Exam	662	HSC	37.1	4.9	48.5	47.0	42.5	40.5	37.5	34.5
		scaled	15.8	9.6	39.3	37.4	28.8	23.1	14.8	8.1
Retail Services Exam	860	HSC	34.8	4.6	45.0	43.5	39.5	38.0	35.5	32.0
		scaled	16.7	10.2	41.7	40.3	31.2	24.9	15.6	8.0
Tourism, Travel & Events Exam	274	HSC	37.4	3.5	45.0	44.0	41.5	39.5	38.0	35.5
		scaled	21.7	9.4	44.5	41.9	34.5	28.0	21.9	14.6