

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

Notes: (i) The P_{99} , P_{90} , P_{75} , P_{50} , P_{25} columns refer to the 99th, 90th, 75th, 50th and 25th percentiles respectively.
(ii) Table excludes courses with less than 10 students and no percentile data are given for courses with less than 40 students.

Course	Enrolment	Type of mark	Mean	S.D	Max.	P_{99}	P_{90}	P_{75}	P_{50}	P_{25}
Aboriginal Studies	313	HSC	35.5	6.6	47.5	47.0	44.0	40.5	35.5	31.0
		scaled	15.8	11.3	43.3	41.7	33.2	23.3	13.5	6.4
Agriculture	1,254	HSC	36.9	5.8	49.5	48.0	44.0	40.5	37.0	33.0
		scaled	21.7	10.9	47.7	45.0	36.6	29.6	21.5	13.3
Ancient History	11,348	HSC	36.4	7.2	50.0	48.5	45.0	42.0	37.0	31.5
		scaled	25.0	10.6	49.7	45.7	38.9	33.2	25.2	17.0
Biology	14,447	HSC	36.8	5.9	49.5	47.5	44.0	41.0	37.5	33.5
		scaled	26.9	9.5	50.0	45.5	39.0	34.1	27.6	20.3
Business Studies	15,713	HSC	35.1	6.4	49.5	47.0	43.5	40.0	35.0	31.0
		scaled	23.6	10.3	48.5	43.8	37.7	31.9	23.3	15.2
Chemistry	10,287	HSC	37.6	5.9	49.0	47.5	45.0	42.0	38.0	34.0
		scaled	31.3	9.3	50.0	46.8	42.5	38.5	32.5	25.2
Community & Family Studies	4,729	HSC	37.2	5.7	49.5	47.5	44.0	41.0	38.0	34.0
		scaled	20.0	9.9	44.2	41.0	33.9	27.2	19.4	12.0
Dance	713	HSC	36.5	5.3	48.0	47.5	43.5	40.0	36.5	33.0
		scaled	23.3	9.5	46.2	45.1	36.7	30.1	22.6	16.4
Design & Technology	3,904	HSC	36.5	4.8	49.5	47.5	43.0	39.5	36.5	33.0
		scaled	21.5	9.6	45.2	42.3	35.0	28.4	21.0	14.0
Drama	5,096	HSC	38.3	5.1	50.0	47.5	45.0	42.0	38.5	35.0
		scaled	24.4	10.0	49.3	44.8	37.9	31.9	24.7	16.8
Earth & Environmental Science	1,244	HSC	38.9	5.2	49.0	47.5	45.0	43.0	40.0	36.0
		scaled	24.5	9.9	48.3	44.8	37.6	32.0	24.9	17.3
Economics	5,678	HSC	38.0	6.8	49.5	48.0	45.5	43.0	39.5	34.0
		scaled	31.2	9.8	50.0	46.7	42.3	38.7	33.2	25.4
Engineering Studies	1,547	HSC	36.4	5.7	49.0	46.5	43.5	40.5	37.0	33.0
		scaled	25.0	9.3	47.7	43.1	36.9	32.1	25.4	18.4
English Standard	31,015	HSC	32.8	5.0	47.0	42.0	38.0	36.0	33.5	30.0
		scaled	17.7	7.8	47.2	37.5	28.0	22.7	17.2	12.0
English Advanced	28,086	HSC	39.5	3.9	49.5	47.5	44.5	42.5	39.5	37.0
		scaled	31.2	8.5	50.0	47.2	42.6	37.7	31.4	25.0
English Extension 1	6,153	HSC	39.4	5.8	50.0	48.0	46.0	44.0	40.0	36.0
		scaled	36.3	6.6	50.0	47.3	43.7	41.0	37.3	32.8
English Extension 2	2,500	HSC	40.1	6.8	50.0	50.0	48.0	46.0	41.0	36.0
		scaled	36.6	7.0	50.0	49.2	45.0	41.6	37.2	32.3
ESL	2,603	HSC	35.9	6.0	48.5	45.5	42.5	40.0	36.5	33.0
		scaled	21.4	11.4	49.7	45.4	37.1	30.1	21.1	12.3
Food Technology	3,314	HSC	34.9	7.3	49.5	47.0	43.5	40.0	35.5	31.0
		scaled	19.7	10.6	45.7	41.8	34.8	27.9	19.0	11.1

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

Course	Enrolment	Type of mark	Mean	S.D	Max.	P ₉₉	P ₉₀	P ₇₅	P ₅₀	P ₂₅
Geography	4,528	HSC	38.6	5.5	48.5	47.0	45.0	42.5	39.5	35.0
		scaled	25.7	10.2	50.0	45.5	39.0	33.4	26.2	18.2
Information Processes & Technology	5,129	HSC	36.9	6.5	49.0	46.5	44.0	41.5	38.0	33.5
		scaled	21.9	10.2	46.8	41.4	35.7	29.7	22.2	14.2
Legal Studies	8,644	HSC	37.1	6.6	49.0	47.5	44.5	42.0	38.0	33.0
		scaled	25.3	10.7	50.0	45.4	39.2	33.6	26.0	17.2
General Mathematics	29,437	HSC	35.5	5.8	49.0	46.5	42.5	39.5	36.0	32.0
		scaled	21.0	9.8	45.0	40.6	34.4	28.7	20.9	13.3
Mathematics	17,758	HSC	37.5	6.8	50.0	48.0	46.0	42.5	38.0	33.5
		scaled	30.5	9.3	50.0	46.3	41.7	37.6	31.6	24.5
Mathematics Extension 1	8,614	HSC	39.3	7.8	50.0	49.5	47.5	46.0	40.5	34.5
		scaled	39.6	7.1	50.0	49.1	47.0	44.8	41.0	36.3
Mathematics Extension 2	3,009	HSC	40.7	6.1	50.0	49.0	47.5	45.5	42.0	37.0
		scaled	43.7	4.5	50.0	49.4	48.0	46.7	44.7	41.8
Modern History	9,636	HSC	37.6	6.5	49.5	47.5	44.5	42.0	39.0	34.0
		scaled	27.4	10.4	50.0	46.6	40.2	35.3	28.7	20.5
History Extension	2,159	HSC	37.9	7.4	50.0	49.0	46.0	43.0	39.0	34.0
		scaled	34.0	6.7	49.5	46.1	41.7	38.6	34.9	30.3
Music 1	4,795	HSC	39.7	4.8	49.5	48.0	45.5	43.0	40.0	36.5
		scaled	22.0	10.0	46.7	44.0	36.3	29.1	21.0	14.6
Music 2	687	HSC	42.3	3.8	50.0	49.0	47.0	45.5	42.5	40.0
		scaled	32.8	7.7	50.0	47.8	43.2	38.7	32.9	27.2
Music Extension	401	HSC	43.2	5.2	50.0	50.0	49.0	47.0	44.0	40.0
		scaled	34.7	8.1	50.0	50.0	46.9	40.3	33.7	29.3
PDH&PE	12,409	HSC	36.7	6.4	50.0	47.5	44.5	41.5	37.0	32.5
		scaled	23.3	10.1	47.7	42.9	37.0	31.3	23.2	15.4
Physics	9,126	HSC	36.9	6.3	49.0	47.0	44.5	41.0	37.5	33.5
		scaled	30.2	9.6	50.0	46.3	41.7	37.7	31.6	23.8
Senior Science	4,210	HSC	37.7	5.4	49.5	47.0	44.5	41.5	38.0	34.0
		scaled	20.1	9.6	43.8	40.0	33.2	27.4	20.2	12.4
Society & Culture	3,697	HSC	36.7	5.9	50.0	48.0	44.0	41.0	37.0	33.0
		scaled	23.9	10.4	49.0	45.6	38.0	31.6	23.8	15.9
Software Design & Development	1,840	HSC	37.2	6.4	49.0	48.0	44.5	42.0	38.0	33.0
		scaled	24.6	10.2	47.9	45.4	37.9	32.3	25.0	16.8
Studies of Religion I	10,062	HSC	38.2	4.5	50.0	48.0	44.0	41.0	38.0	35.0
		scaled	26.9	8.7	47.7	44.6	38.5	33.4	27.0	20.7
Studies of Religion II	3,041	HSC	38.6	4.9	49.0	47.5	44.5	42.5	39.0	35.5
		scaled	27.7	10.0	50.0	47.0	40.4	35.2	28.4	21.2
Textiles & Design	2,084	HSC	39.2	5.0	49.5	48.5	45.5	43.0	40.0	35.5
		scaled	22.2	10.1	46.3	44.1	36.2	29.8	21.4	14.1
Visual Arts	9,348	HSC	39.9	3.9	50.0	48.0	45.0	43.0	40.0	37.5
		scaled	22.8	10.8	49.1	46.1	38.3	30.9	21.8	14.3

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

Course	Enrolment	Type of mark	Mean	S.D	Max.	P ₉₉	P ₉₀	P ₇₅	P ₅₀	P ₂₅
Arabic Continuers	232	HSC	36.1	8.0	47.5	46.5	44.0	41.5	38.0	32.5
		scaled	17.9	10.2	42.6	39.6	31.6	24.8	17.6	9.8
Arabic Extension	74	HSC	35.4	7.6	49.0	49.0	43.0	40.0	36.0	32.0
		scaled	24.1	7.0	40.7	40.7	32.5	28.5	23.9	19.7
Armenian	22	HSC	41.6	2.8	48.0					
		scaled	24.1	9.5	47.0					
Chinese Beginners	18	HSC	41.3	4.1	46.5					
		scaled	26.3	7.6	40.1					
Chinese Continuers	130	HSC	43.1	4.2	48.5	48.0	47.0	46.5	44.0	41.0
		scaled	31.9	10.5	50.0	47.9	43.6	40.6	33.2	25.4
Chinese Extension	39	HSC	44.7	1.8	48.0					
		scaled	35.2	8.2	50.0					
Chinese Background Speakers	922	HSC	39.8	4.3	48.0	47.0	45.0	43.0	40.0	37.5
		scaled	21.1	10.6	47.4	44.5	35.4	29.0	20.4	12.6
Classical Greek Continuers	16	HSC	46.0	4.6	49.5					
		scaled	38.6	11.6	50.0					
Classical Greek Extension	12	HSC	46.8	6.7	50.0					
		scaled	40.2	9.4	50.0					
Classical Hebrew Continuers	54	HSC	42.4	3.9	49.0	49.0	47.0	45.0	43.0	39.5
		scaled	34.6	8.1	50.0	50.0	45.0	40.5	34.4	27.0
Classical Hebrew Extension	32	HSC	41.7	6.1	48.0					
		scaled	37.3	7.3	50.0					
Croatian	23	HSC	42.1	4.2	48.5					
		scaled	27.9	11.2	50.0					
Filipino	21	HSC	38.8	4.8	46.0					
		scaled	21.7	8.4	39.5					
French Beginners	544	HSC	36.9	8.3	49.5	49.5	46.5	43.5	38.0	31.5
		scaled	24.6	10.7	47.7	47.3	38.7	32.6	24.5	16.3
French Continuers	842	HSC	40.1	6.4	49.5	49.0	47.5	45.5	41.0	36.0
		scaled	34.4	9.1	50.0	49.4	45.6	41.8	35.5	27.8
French Extension	222	HSC	41.9	5.5	49.0	49.0	48.0	46.0	43.0	38.0
		scaled	41.2	5.3	50.0	49.4	47.7	45.1	42.0	38.3
German Beginners	136	HSC	36.2	8.1	49.5	49.5	47.0	43.0	36.5	30.0
		scaled	25.0	11.4	50.0	49.3	41.0	33.5	24.9	15.1
German Continuers	422	HSC	40.5	6.2	50.0	49.5	47.5	45.5	41.5	36.5
		scaled	32.7	9.4	50.0	49.1	44.2	39.7	33.7	26.5
German Extension	125	HSC	42.0	5.5	50.0	49.0	48.0	46.0	44.0	38.0
		scaled	38.6	5.3	50.0	48.9	45.8	42.6	39.4	34.6
Hindi	40	HSC	45.0	1.9	48.0	48.0	47.5	47.0	45.0	43.5
		scaled	27.5	8.6	47.2	47.2	39.5	36.4	24.3	20.2
Indonesian Beginners	43	HSC	39.0	7.2	49.0	49.0	48.0	44.5	39.5	35.5
		scaled	27.1	12.0	50.0	50.0	45.9	36.8	26.0	18.4

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

Course	Enrolment	Type of mark	Mean	S.D	Max.	P ₉₉	P ₉₀	P ₇₅	P ₅₀	P ₂₅
Indonesian Continuers	86	HSC	39.4	6.2	50.0	50.0	47.0	44.5	40.5	35.0
		scaled	31.0	9.3	50.0	50.0	43.1	38.6	32.2	23.9
Indonesian Extension	24	HSC	40.8	4.7	50.0					
		scaled	36.4	4.5	46.7					
Indonesian Background Speakers	87	HSC	39.6	3.1	46.5	46.5	44.0	41.5	39.5	37.5
		scaled	29.3	8.2	49.2	49.2	40.7	34.6	28.8	23.2
Italian Beginners	339	HSC	37.9	6.6	49.5	49.0	46.0	43.0	38.5	34.0
		scaled	26.7	10.8	50.0	47.8	40.4	34.9	27.0	18.9
Italian Continuers	365	HSC	39.7	5.4	49.5	47.5	45.5	43.5	40.5	36.5
		scaled	28.7	9.3	50.0	45.4	40.5	35.9	29.2	22.0
Italian Extension	52	HSC	39.3	5.9	50.0	50.0	47.0	45.0	39.0	34.0
		scaled	37.2	6.2	50.0	50.0	45.2	42.4	37.3	32.1
Japanese Beginners	597	HSC	37.0	8.0	49.5	49.0	46.5	43.0	38.0	32.5
		scaled	23.9	10.5	46.5	44.4	37.9	31.9	24.4	16.3
Japanese Continuers	669	HSC	39.4	6.5	48.5	48.0	46.5	45.0	41.0	35.0
		scaled	31.6	9.8	50.0	47.5	43.3	39.4	33.2	24.7
Japanese Extension	233	HSC	40.2	5.2	48.0	48.0	46.0	45.0	41.0	37.0
		scaled	38.4	5.0	49.6	48.6	44.7	42.1	38.2	35.1
Japanese Background Speakers	52	HSC	39.1	3.9	45.5	45.5	44.0	42.0	39.0	36.0
		scaled	18.6	9.9	41.4	41.4	32.9	23.2	15.3	10.5
Khmer	15	HSC	43.3	4.3	47.0					
		scaled	24.1	12.5	41.1					
Korean Background Speakers	112	HSC	40.4	4.4	49.0	47.0	46.0	43.5	40.5	37.5
		scaled	21.9	9.0	44.1	38.8	34.2	28.2	21.4	14.8
Latin Continuers	180	HSC	45.9	2.8	50.0	50.0	49.0	47.5	46.5	44.5
		scaled	40.0	7.1	50.0	50.0	47.1	44.3	41.7	36.4
Latin Extension	100	HSC	46.2	3.6	50.0	50.0	49.0	48.0	48.0	45.0
		scaled	41.1	6.2	50.0	50.0	47.5	45.2	42.9	37.8
Macedonian	22	HSC	40.1	3.3	46.5					
		scaled	19.8	13.5	46.4					
Modern Greek Beginners	41	HSC	39.7	7.7	48.5	48.5	47.5	46.5	42.5	34.5
		scaled	29.9	12.9	48.0	48.0	44.9	42.6	32.9	20.0
Modern Greek Continuers	127	HSC	39.8	5.5	49.0	49.0	46.0	44.5	40.0	35.5
		scaled	28.3	10.4	48.4	48.4	41.8	37.9	25.9	19.7
Modern Greek Extension	51	HSC	40.0	6.3	48.0	48.0	47.0	44.0	41.0	38.0
		scaled	30.7	8.1	46.7	46.7	41.0	35.2	30.7	26.5
Modern Hebrew	45	HSC	43.1	4.1	49.5	49.5	47.0	46.0	44.0	41.5
		scaled	35.3	7.9	50.0	50.0	43.6	41.0	36.7	31.6
Persian	41	HSC	41.1	5.2	49.0	49.0	46.5	45.5	41.0	38.5
		scaled	20.3	11.6	46.5	46.5	34.9	30.2	17.8	11.7
Polish	35	HSC	43.5	4.5	48.5					
		scaled	33.1	9.3	50.0					
Portuguese	18	HSC	42.7	3.8	48.0					
		scaled	29.8	8.3	46.9					

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

Course	Enrolment	Type of mark	Mean	S.D	Max.	P ₉₉	P ₉₀	P ₇₅	P ₅₀	P ₂₅
Russian	24	HSC	43.5	2.1	46.5					
		scaled	27.8	12.1	50.0					
Serbian	24	HSC	41.8	3.4	48.5					
		scaled	22.0	10.1	46.7					
Spanish Beginners	168	HSC	35.5	8.1	48.0	48.0	44.5	42.0	36.0	31.0
		scaled	24.5	11.5	49.8	49.8	40.8	33.7	23.7	15.6
Spanish Continuers	208	HSC	40.3	3.9	49.0	46.5	44.5	43.5	41.0	37.5
		scaled	21.2	9.3	44.1	39.7	33.0	29.5	21.7	13.6
Spanish Extension	76	HSC	37.1	4.5	47.0	47.0	44.0	40.0	37.0	33.0
		scaled	25.6	6.9	41.7	41.7	35.2	29.6	26.3	20.4
Swedish	11	HSC	42.5	6.1	47.5					
		scaled	30.4	8.7	44.6					
Tamil	20	HSC	43.1	2.0	47.0					
		scaled	21.6	12.6	48.1					
Turkish	61	HSC	38.9	4.1	46.0	46.0	44.5	42.0	39.0	35.5
		scaled	19.2	12.1	47.8	47.8	41.4	25.9	15.7	9.3
Vietnamese	125	HSC	37.3	4.7	46.5	45.5	43.5	41.0	38.0	34.0
		scaled	20.7	11.6	49.2	46.4	39.7	28.7	20.2	11.1
Accounting	464	HSC	36.8	7.6	49.0	49.0	45.5	43.0	38.0	31.5
		scaled	27.0	11.2	49.6	49.6	41.0	36.0	27.8	18.1
Business Services Exam	1,272	HSC	34.6	5.7	47.0	45.0	41.5	39.0	35.0	31.0
		scaled	18.6	9.5	42.1	39.3	31.8	26.1	18.4	11.1
Construction Exam	1,355	HSC	36.0	4.5	47.0	45.5	42.0	39.0	36.0	33.0
		scaled	15.5	9.0	37.9	36.3	29.3	21.2	14.7	8.3
Entertainment Industry Exam	691	HSC	37.5	4.5	48.5	46.5	43.0	40.5	38.0	34.5
		scaled	21.0	9.0	43.1	40.6	33.2	26.9	21.1	14.2
Hospitality Exam	5,566	HSC	35.6	5.0	48.5	46.0	42.5	39.0	35.5	32.0
		scaled	19.9	9.5	43.6	40.4	33.4	27.2	19.0	12.0
Industrial Technology	3,561	HSC	36.7	6.4	49.5	48.0	45.0	41.5	37.0	33.0
		scaled	16.3	9.5	39.8	37.5	30.0	23.1	15.4	8.6
Information Technology Exam	2,007	HSC	34.6	5.8	48.5	45.5	40.5	38.5	36.0	31.5
		Scaled	18.7	9.3	41.5	37.5	30.8	25.9	19.3	11.9
Metal & Engineering Exam	504	HSC	34.9	6.1	48.5	45.5	42.0	38.5	35.5	31.5
		scaled	17.0	8.6	38.5	35.2	29.5	23.4	16.4	10.4
Primary Industries Exam	459	HSC	36.2	4.4	47.0	44.5	41.5	39.0	36.5	33.5
		scaled	17.3	9.1	39.7	36.0	29.8	24.2	16.5	9.9
Retail Operations Exam	1,249	HSC	37.5	4.7	48.0	46.5	43.5	41.0	37.5	34.0
		scaled	16.8	9.1	39.6	37.0	29.9	23.4	16.1	9.5
Tourism Exam	332	HSC	36.2	4.5	46.5	45.5	42.0	39.0	36.0	33.5
		scaled	21.0	8.8	42.5	41.5	33.1	27.0	20.0	14.8
Distinction courses	90	HSC	41.5	4.6	50.0	50.0	47.5	44.5	41.5	38.0
		scaled	40.6	5.6	50.0	50.0	47.7	44.4	40.8	36.4