

# School Curriculum and Standards Authority

Table 4.12 Mean and standard deviation of moderated school assessments, raw examination marks and correlation coefficients\* for ATAR course examinations, by gender, 2021

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Accounting and Finance - Written	Male	602	64.02	17.88	63.17	20.05	0.91
	Female	471	66.28	16.92	65.63	18.49	
	Persons	1073	65.01	17.49	64.25	19.41	
Ancient History - Written	Male	48	61.93	13.53	60.75	17.34	0.89
	Female	70	55.21	13.77	52.84	16.93	
	Persons	118	57.94	14.02	56.05	17.47	
Animal Production Systems - Written	Male	29	63.79	10.24	63.02	10.07	0.90
	Female	23	60.22	13.37	60.14	14.27	
	Persons	52	62.21	11.74	61.74	12.07	
Applied Information Technology - Written	Male	321	58.02	14.66	56.56	17.40	0.83
	Female	133	61.94	14.19	60.39	15.02	
	Persons	454	59.17	14.62	57.68	16.81	
Arabic - Written	Male	14	75.69	9.04	75.44	11.28	0.61
	Female	7	79.23	8.38	76.02	10.28	
	Persons	21	76.87	8.78	75.63	10.70	
Auslan - Written	Male	3	93.48	2.18	90.84	4.12	0.99
	Female	3	67.96	33.35	68.25	39.85	
	Persons	6	80.72	25.34	79.55	28.20	
Aviation - Practical	Male	27	78.27	11.57	77.90	12.23	0.85
	Female	2	58.89	2.25	64.45	0.01	
	Persons	29	76.93	12.22	76.97	12.29	
Aviation - Written	Male	26	56.23	13.46	54.96	13.23	0.83
	Female	3	41.99	10.09	43.20	13.37	
	Persons	29	54.75	13.73	53.75	13.50	
Biology - Written	Male	639	54.47	10.62	54.60	11.41	0.90
	Female	1074	56.56	11.37	55.60	12.00	
	Other	2	67.78	1.36	69.88	5.48	
	Persons	1715	55.80	11.14	55.25	11.80	
Business Management and Enterprise - Written	Male	402	51.13	16.22	49.82	17.40	0.86
	Female	445	55.82	14.92	55.27	16.46	
	Persons	847	53.59	15.71	52.68	17.12	
Career and Enterprise - Written	Male	54	60.56	12.38	60.15	14.18	0.79
	Female	77	69.12	11.04	67.74	14.94	
	Persons	131	65.59	12.31	64.61	15.05	
Chemistry - Written	Male	2364	60.41	17.29	59.40	18.75	
	Female	2082	58.93	17.49	58.46	19.16	

\* Pearson product-moment correlation coefficients between moderated school assessment and raw examination marks for practical and written components of an ATAR course.

\*\* The populations consist of all Year 12 students who have a numerical school assessment and a raw examination mark for that component of the ATAR course concerned.

# School Curriculum and Standards Authority

Table 4.12 Mean and standard deviation of moderated school assessments, raw examination marks and correlation coefficients\* for ATAR course examinations, by gender, 2021 (cont)

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Children, Family and the Community - Written	Other	2	61.08	5.40	65.30	11.54	0.93
	Persons	4448	59.72	17.39	58.96	18.94	
	Male	1	52.79	0.00	45.84	0.00	0.72
	Female	103	63.90	11.48	62.01	14.00	
Chinese: Background Language - Written	Persons	104	63.79	11.48	61.86	14.02	0.91
	Male	13	58.24	18.23	55.28	18.44	
	Female	9	70.61	10.89	72.15	12.80	0.92
	Persons	22	63.30	16.55	62.18	18.13	
Chinese: First Language - Written	Male	32	51.13	19.92	49.80	19.38	0.91
	Female	22	66.32	22.11	67.77	23.25	
	Persons	54	57.32	21.97	57.12	22.66	0.94
	Male	35	75.23	15.98	75.60	15.69	
Chinese: Second Language - Practical	Female	53	77.55	10.12	76.81	11.29	0.90
	Persons	88	76.62	12.74	76.33	13.14	
	Male	36	62.49	16.91	59.54	19.77	0.79
	Female	53	64.45	15.80	64.95	15.90	
Chinese: Second Language - Written	Persons	89	63.65	16.19	62.76	17.66	0.90
	Male	375	61.42	15.83	60.62	17.33	
	Female	45	59.80	18.58	58.23	19.60	0.77
	Persons	420	61.25	16.13	60.36	17.58	
Computer Science - Written	Male	8	73.41	8.82	76.86	11.36	0.84
	Female	156	70.35	11.38	69.56	12.35	
	Other	1	65.91	0.00	64.44	0.00	0.82
	Persons	165	70.47	11.23	69.88	12.34	
Dance - Practical	Male	8	52.18	8.21	50.36	13.54	0.77
	Female	157	60.84	11.95	59.70	13.17	
	Other	1	57.13	0.00	71.55	0.00	0.82
	Persons	166	60.40	11.90	59.32	13.29	
Dance - Written	Male	160	58.69	12.87	57.25	14.28	0.84
	Female	178	65.42	13.66	65.29	13.39	
	Other	1	84.60	0.00	88.10	0.00	0.82
	Persons	339	62.30	13.73	61.56	14.42	
Design - Practical	Male	160	60.53	12.39	59.37	13.86	0.82
	Female	175	67.54	11.64	67.20	12.42	
	Other	1	67.40	0.00	57.67	0.00	0.82
	Persons	336	64.20	12.47	63.44	13.66	
Design - Written	Male	160	60.53	12.39	59.37	13.86	0.82
	Female	175	67.54	11.64	67.20	12.42	
	Other	1	67.40	0.00	57.67	0.00	0.82
	Persons	336	64.20	12.47	63.44	13.66	

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# School Curriculum and Standards Authority

Table 4.12 Mean and standard deviation of moderated school assessments, raw examination marks and correlation coefficients\* for ATAR course examinations, by gender, 2021 (cont)

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Drama - Practical	Male	157	69.02	11.14	69.59	11.66	0.79
	Female	345	68.82	10.45	67.46	12.33	
	Persons	502	68.88	10.66	68.13	12.16	
Drama - Written	Male	159	63.72	13.40	62.44	15.83	0.82
	Female	355	69.43	12.72	68.54	14.19	
	Persons	514	67.66	13.19	66.65	14.97	
Earth and Environmental Science - Written	Male	83	48.73	10.58	48.35	12.53	0.84
	Female	59	52.04	12.41	50.23	13.34	
	Persons	142	50.11	11.45	49.13	12.86	
Economics - Written	Male	1064	57.43	16.34	56.78	17.77	0.91
	Female	799	58.83	17.78	57.41	19.47	
	Persons	1863	58.03	16.98	57.05	18.52	
Engineering Studies - Written	Male	237	60.11	15.61	58.94	17.55	0.84
	Female	17	51.00	12.03	46.34	13.67	
	Persons	254	59.50	15.54	58.10	17.58	
English - Written	Male	4660	56.20	9.19	55.89	10.75	0.73
	Female	5290	60.61	9.73	59.59	11.14	
	Other	5	63.67	5.03	58.10	10.45	
	Persons	9955	58.55	9.73	57.85	11.11	
English as an Additional Language or Dialect - Practical	Male	416	59.97	17.76	59.60	18.64	0.79
	Female	471	66.98	15.37	65.70	16.01	
	Persons	887	63.69	16.89	62.84	17.55	
English as an Additional Language or Dialect - Written	Male	455	49.55	17.13	49.10	17.62	0.91
	Female	530	56.04	14.37	55.18	14.98	
	Persons	985	53.04	16.03	52.37	16.52	
Food Science and Technology - Written	Male	24	58.50	8.04	56.62	9.87	0.85
	Female	109	60.87	14.26	60.36	15.38	
	Other	1	61.49	0.00	55.60	0.00	
	Persons	134	60.45	13.31	59.65	14.53	
French: Background Language - Practical	Male	4	78.53	4.45	77.05	7.80	0.85
	Female	6	68.14	12.85	70.00	16.12	
	Persons	10	72.30	11.27	72.82	13.34	
French: Background Language - Written	Male	4	61.26	9.47	61.10	13.11	0.81
	Female	6	57.41	10.91	55.09	10.85	
	Persons	10	58.95	10.00	57.49	11.50	
French: Second Language - Practical	Male	106	73.12	14.20	73.76	14.75	

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# School Curriculum and Standards Authority

Table 4.12 Mean and standard deviation of moderated school assessments, raw examination marks and correlation coefficients\* for ATAR course examinations, by gender, 2021 (cont)

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
French: Second Language - Written	Female	256	73.45	14.41	72.42	15.48	0.87
	Other	1	34.12	0.00	38.25	0.00	
	Persons	363	73.24	14.45	72.71	15.35	
	Male	108	59.09	13.16	58.57	14.19	0.94
	Female	257	58.86	14.58	58.02	15.62	
	Persons	366	58.89	14.16	58.12	15.22	
Geography - Written	Male	619	55.73	12.11	55.79	13.14	0.87
	Female	877	57.01	13.07	55.66	14.32	
	Persons	1496	56.48	12.69	55.71	13.84	
German: Second Language - Practical	Male	12	74.85	14.75	74.00	16.20	0.78
	Female	21	73.24	12.26	73.60	15.01	
	Persons	33	73.83	13.01	73.75	15.20	
German: Second Language - Written	Male	12	60.41	14.58	61.52	15.99	0.91
	Female	21	61.51	11.98	60.48	13.17	
	Persons	33	61.11	12.77	60.85	14.02	
Health Studies - Written	Male	114	52.47	14.89	51.69	16.26	0.79
	Female	513	55.40	14.22	53.81	15.81	
	Other	1	42.61	0.00	56.50	0.00	
	Persons	628	54.85	14.38	53.43	15.89	
Hebrew - Written	Male	1	66.06	0.00	61.75	0.00	0.18
	Female	3	72.39	7.04	73.84	4.35	
	Persons	4	70.81	6.56	70.82	7.01	
Human Biology - Written	Male	1357	61.38	12.76	60.54	14.09	0.91
	Female	2855	62.12	13.57	61.58	14.67	
	Other	3	74.39	3.74	69.61	7.30	
	Persons	4215	61.89	13.32	61.25	14.49	
Indonesian: First Language - Written	Male	0	N/A	N/A	N/A	N/A	0.71
	Female	3	37.98	7.84	37.33	9.29	
	Persons	3	37.98	7.84	37.33	9.29	
Indonesian: Second Language - Practical	Male	27	58.59	14.59	59.48	16.24	0.86
	Female	38	61.33	16.56	59.63	17.27	
	Persons	65	60.19	15.71	59.57	16.72	
Indonesian: Second Language - Written	Male	27	60.18	14.30	60.33	14.20	0.92
	Female	40	60.23	17.97	59.20	21.00	
	Persons	67	60.21	16.48	59.65	18.45	

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# School Curriculum and Standards Authority

Table 4.12 Mean and standard deviation of moderated school assessments, raw examination marks and correlation coefficients\* for ATAR course examinations, by gender, 2021 (cont)

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Integrated Science - Written	Male	21	50.24	8.28	51.56	7.02	0.79
	Female	23	52.43	10.02	50.15	9.79	
	Persons	44	51.39	9.19	50.82	8.51	
Italian: Second Language - Practical	Male	48	68.66	18.24	68.60	18.90	0.85
	Female	145	75.54	16.09	74.42	17.47	
	Persons	193	73.83	16.87	72.97	17.96	
Italian: Second Language - Written	Male	47	59.72	13.94	58.48	15.44	0.93
	Female	145	61.55	14.82	60.95	16.00	
	Persons	192	61.10	14.59	60.35	15.86	
Japanese: Background Language - Written	Male	1	59.50	0.00	64.00	0.00	N/A
	Female	0	N/A	N/A	N/A	N/A	
	Persons	1	59.50	0.00	64.00	0.00	
Japanese: Second Language - Practical	Male	88	68.62	16.47	66.95	18.24	0.88
	Female	174	70.64	16.60	70.28	17.78	
	Other	1	57.20	0.00	51.75	0.00	
	Persons	263	69.91	16.54	69.09	17.97	
Japanese: Second Language - Written	Male	88	63.28	19.22	61.47	21.10	0.96
	Female	176	63.87	18.61	63.41	19.52	
	Other	1	56.15	0.00	56.51	0.00	
	Persons	265	63.65	18.75	62.74	20.00	
Literature - Written	Male	502	64.31	9.86	63.95	10.48	0.76
	Female	1082	64.56	9.20	63.85	10.15	
	Other	3	62.54	5.24	63.14	10.16	
	Persons	1587	64.48	9.41	63.88	10.25	
Marine and Maritime Studies - Written	Male	54	47.75	11.59	47.34	12.28	0.85
	Female	68	50.82	10.26	49.82	10.79	
	Persons	122	49.46	10.93	48.72	11.49	
Materials Design and Technology - Practical	Male	61	77.46	14.69	76.75	15.14	0.83
	Female	44	83.78	12.24	83.61	13.14	
	Persons	105	80.11	14.00	79.62	14.67	
Materials Design and Technology - Written	Male	60	69.72	8.18	65.64	10.46	0.75
	Female	44	69.29	9.05	67.19	9.73	
	Persons	104	69.54	8.52	66.30	10.14	
Mathematics Applications - Written	Male	3525	63.41	14.77	62.89	17.17	
	Female	4053	63.49	14.95	62.45	16.44	
	Other	3	59.25	11.89	63.95	11.37	

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Table 4.12 Mean and standard deviation of moderated school assessments, raw examination marks and correlation coefficients\* for ATAR course examinations, by gender, 2021 (cont)

Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Mathematics Methods - Written	Persons	7581	63.45	14.86	62.65	16.79	0.88
	Male	2366	69.45	17.62	69.43	19.29	
	Female	1625	66.68	17.43	65.56	19.11	
	Other	2	46.81	13.00	51.07	14.30	
Mathematics Specialist - Written	Persons	3993	68.31	17.60	67.84	19.31	0.93
	Male	1032	62.05	18.04	61.70	19.48	
	Female	470	60.62	17.75	58.71	18.70	
	Persons	1502	61.61	17.96	60.76	19.28	
Media Production and Analysis - Practical	Male	258	63.29	12.34	62.98	13.17	0.82
	Female	256	63.37	11.17	62.54	11.53	
	Persons	514	63.33	11.76	62.76	12.37	
	Persons	514	63.33	11.76	62.76	12.37	
Media Production and Analysis - Written	Male	256	60.94	11.68	59.52	15.03	0.72
	Female	253	65.50	11.49	63.76	15.35	
	Persons	509	63.21	11.80	61.62	15.32	
	Persons	509	63.21	11.80	61.62	15.32	
Modern History - Written	Male	621	60.68	11.92	60.20	14.35	0.85
	Female	1059	61.47	12.52	60.14	14.41	
	Other	1	68.54	0.00	70.50	0.00	
	Persons	1681	61.18	12.30	60.17	14.38	
Music - Practical	Male	149	72.05	12.72	71.46	14.49	0.79
	Female	169	71.71	12.83	70.16	14.33	
	Persons	318	71.87	12.76	70.77	14.40	
	Persons	318	71.87	12.76	70.77	14.40	
Music - Written	Male	149	59.73	14.38	59.64	15.22	0.93
	Female	170	55.61	14.84	53.72	15.90	
	Persons	319	57.53	14.75	56.48	15.84	
	Persons	319	57.53	14.75	56.48	15.84	
Outdoor Education - Written	Male	65	55.08	9.27	52.24	13.54	0.79
	Female	82	61.88	9.01	61.60	8.94	
	Persons	147	58.87	9.71	57.46	12.10	
	Persons	147	58.87	9.71	57.46	12.10	
Philosophy and Ethics - Written	Male	119	62.13	12.02	60.28	15.36	0.84
	Female	111	58.55	11.62	57.95	13.36	
	Persons	230	60.41	11.93	59.16	14.45	
	Persons	230	60.41	11.93	59.16	14.45	
Physical Education Studies - Practical	Male	924	64.90	10.47	63.10	13.82	0.71
	Female	694	58.24	12.38	58.09	13.38	
	Persons	1618	62.04	11.79	60.95	13.85	
	Persons	1618	62.04	11.79	60.95	13.85	
Physical Education Studies - Written	Male	969	55.49	13.06	55.19	13.63	0.85
	Female	718	55.15	13.22	54.04	13.54	
	Persons	1687	55.35	13.13	54.70	13.60	
	Persons	1687	55.35	13.13	54.70	13.60	

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Course	Gender of student	Total**	Moderated school assessments		Raw examination marks		Correlation coefficient
			Mean	Std dev	Mean	Std dev	
Physics - Written	Male	2046	57.12	18.57	56.41	20.27	0.94
	Female	633	55.65	17.28	54.08	18.09	
	Other	1	50.44	0.00	44.91	0.00	
	Persons	2680	56.77	18.28	55.86	19.79	
Plant Production Systems - Written	Male	28	64.94	10.83	65.09	10.34	0.86
	Female	13	58.64	11.96	57.55	12.27	
	Persons	41	62.94	11.44	62.70	11.40	
Politics and Law - Written	Male	281	57.57	13.36	56.56	14.86	0.86
	Female	538	57.91	14.72	56.55	16.83	
	Persons	819	57.79	14.26	56.55	16.18	
Psychology - Written	Male	398	51.69	13.99	50.65	16.15	0.85
	Female	1424	56.27	13.38	54.82	15.33	
	Other	2	67.17	3.63	34.46	48.73	
	Persons	1824	55.28	13.64	53.89	15.65	
Religion and Life - Written	Male	324	57.35	10.58	56.16	12.24	0.80
	Female	743	61.26	9.83	60.58	10.90	
	Persons	1067	60.07	10.22	59.24	11.50	
Russian - Written	Male	4	80.53	6.57	81.22	5.60	0.97
	Female	5	75.26	10.45	74.88	11.88	
	Persons	9	77.60	8.86	77.70	9.67	
Sinhala - Written	Male	4	55.49	15.48	52.35	11.61	0.94
	Female	6	79.92	6.18	80.67	10.17	
	Persons	10	70.15	16.13	69.34	17.78	
Turkish - Written	Male	0	N/A	N/A	N/A	N/A	-0.73
	Female	3	85.47	2.70	85.50	3.12	
	Persons	3	85.47	2.70	85.50	3.12	
Visual Arts - Practical	Male	117	63.64	12.86	63.80	13.25	0.83
	Female	559	65.32	12.24	64.69	12.83	
	Other	1	89.39	0.00	85.29	0.00	
	Persons	677	65.07	12.39	64.57	12.92	
Visual Arts - Written	Male	116	59.77	12.72	58.98	14.38	0.73
	Female	547	62.51	11.50	61.27	14.00	
	Other	1	82.30	0.00	68.00	0.00	
	Persons	664	62.06	11.78	60.88	14.08	

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