

# School Curriculum and Standards Authority

Table 4.14 Relationship between raw examination marks and standardised examination marks\* for WACE course examinations, 2015

Note: The raw examination marks of small candidature examinations and interstate language examinations (except for Chinese: Second Language Stage 3) were not standardised and, as such, are not listed.

Course																
Percentile Rank		0%	0.2%	0.9%	2.9%	8.9%	24%	50.5%	77%	92.1%	98.1%	Top		PopIn	Mean	Std.
Standardised Mark		0	10	20	30	40	50	60	70	80	90	100				Dev.
ACF3W	Accounting and Finance Stage 3 - Written	0.00	5.42	11.86	20.96	33.02	49.86	64.05	77.68	85.14	89.57	95.52		1327	61.54	18.60
HIA3W	Ancient History Stage 3 - Written	0.00	N/A	3.21	30.41	37.46	45.34	54.95	64.51	74.32	81.16	85.50		178	54.89	13.70
APS3W	Animal Production Systems Stage 3 - Written	0.00	N/A	N/A	13.09	27.82	40.50	56.27	66.20	74.76	78.16	78.84		59	53.11	16.62
AIT2W	Applied Information Technology Stage 2 - Written	0.00	N/A	N/A	24.50	35.39	48.39	60.50	70.45	77.07	83.54	84.08		59	58.98	14.70
AIT3W	Applied Information Technology Stage 3 - Written	0.00	5.62	21.53	33.74	42.82	52.12	61.99	70.38	77.23	83.70	90.32		720	60.73	12.96
AVN3P	Aviation Stage 3 - Practical	0.00	N/A	N/A	7.22	9.85	11.35	15.30	17.11	18.34	18.78	19.06		46	14.51	3.16
AVN3W	Aviation Stage 3 - Written	0.00	N/A	N/A	8.67	21.79	29.01	35.68	45.01	53.85	55.58	55.75		46	36.75	11.27
BIO3W	Biological Sciences Stage 3 - Written	0.00	12.32	21.65	27.70	37.63	46.32	55.92	64.22	71.32	76.53	87.25		1648	54.84	12.28
BME2W	Business Management and Enterprise Stage 2 - Written	0.00	N/A	8.70	16.31	30.35	40.79	51.89	62.02	68.91	77.21	82.50		128	50.94	14.64
BME3W	Business Management and Enterprise Stage 3 - Written	0.00	2.58	8.23	20.40	34.87	49.16	61.93	72.33	80.23	86.40	91.60		794	59.37	16.61
CAE2W	Career and Enterprise Stage 2 - Written	0.00	N/A	N/A	24.92	44.35	61.79	71.70	78.41	83.91	90.32	95.31		37	68.91	14.33
CAE3W	Career and Enterprise Stage 3 - Written	0.00	N/A	8.08	21.30	35.47	44.07	53.75	65.55	75.82	81.84	89.59		169	54.32	15.29
CHE3W	Chemistry Stage 3 - Written	0.00	8.11	14.27	20.21	29.36	41.92	56.72	71.60	81.71	89.56	96.44		5168	56.01	18.52
CFC2W	Children, Family and the Community Stage 2 - Written	0.00	N/A	38.85	40.62	60.32	68.51	77.48	82.51	86.77	91.89	93.75		146	74.73	10.98
CFC3W	Children, Family and the Community Stage 3 - Written	0.00	N/A	N/A	50.98	56.41	62.88	70.91	76.08	81.93	87.09	91.31		105	69.93	9.00
CSL3P	Chinese: Second Language Stage 3 - Practical	0.00	N/A	N/A	6.96	14.36	23.20	29.83	34.55	36.42	38.43	39.00		60	28.50	7.84
CSL3W	Chinese: Second Language Stage 3 - Written	0.00	N/A	N/A	4.44	16.00	37.02	44.26	54.29	62.22	64.74	68.33		59	43.60	14.52

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Course															
Percentile Rank		0%	0.2%	0.9%	2.9%	8.9%	24%	50.5%	77%	92.1%	98.1%	Top		Popln	Mean
Standardised Mark		0	10	20	30	40	50	60	70	80	90	100			Std. Dev.
CSC2W	Computer Science Stage 2 - Written	0.00	N/A	N/A	N/A	15.63	32.59	54.15	63.86	78.37	89.22	94.27		20	51.46
CSC3W	Computer Science Stage 3 - Written	0.00	N/A	9.81	25.79	34.09	50.04	64.33	77.09	83.65	89.29	93.06		385	62.04
DAN3P	Dance Stage 3 - Practical	0.00	N/A	16.12	20.03	23.14	28.09	32.90	37.82	44.95	47.90	50.00		262	33.18
DAN3W	Dance Stage 3 - Written	0.00	N/A	7.49	13.19	17.39	22.83	27.73	33.06	38.41	44.64	48.81		280	27.87
DES2P	Design Stage 2 - Practical	0.00	N/A	N/A	9.04	13.12	16.13	18.92	20.74	29.24	31.34	32.00		35	19.57
DES2W	Design Stage 2 - Written	0.00	N/A	N/A	N/A	21.08	24.01	29.43	34.37	37.17	41.81	43.64		32	29.59
DES3P	Design Stage 3 - Practical	0.00	N/A	14.16	15.89	19.44	22.92	27.50	31.10	35.43	37.99	42.00		480	27.40
DES3W	Design Stage 3 - Written	0.00	N/A	7.79	13.64	19.48	23.22	27.76	32.52	35.94	39.75	46.85		472	27.54
DRA2P	Drama Stage 2 - Practical	0.00	N/A	N/A	N/A	48.60	56.24	68.14	87.58	90.79	91.99	92.50		18	71.11
DRA2W	Drama Stage 2 - Written	0.00	N/A	N/A	N/A	7.42	33.86	58.58	70.74	79.97	85.72	88.00		16	53.16
DRA3P	Drama Stage 3 - Practical	0.00	26.10	36.91	42.81	50.09	57.93	66.36	78.02	87.66	93.88	100.00		802	67.50
DRA3W	Drama Stage 3 - Written	0.00	8.91	20.35	31.58	41.04	50.36	62.00	71.92	81.21	86.95	95.50		804	60.93
EES3W	Earth and Environmental Science Stage 3 - Written	0.00	N/A	17.56	24.85	34.03	48.25	57.97	67.66	75.03	82.49	90.50		225	56.76
ECO3W	Economics Stage 3 - Written	0.00	9.95	15.77	21.20	31.27	43.43	56.23	68.99	79.70	87.60	95.00		1959	55.85
EST3W	Engineering Studies Stage 3 - Written**	0.00	N/A	21.38	30.79	40.04	47.77	62.72	73.90	83.17	92.08	97.19		258	61.21
ELD2P	English as an Additional Language or Dialect Stage 2 - Practical	0.00	N/A	8.54	9.45	11.40	13.35	15.81	18.28	20.16	21.86	23.13		206	15.73
ELD2W	English as an Additional Language or Dialect Stage 2 - Written	0.00	N/A	14.44	21.12	27.80	38.52	46.89	53.96	59.42	62.54	68.50		209	45.68
ELD3P	English as an Additional Language or Dialect Stage 3 - Practical	0.00	4.27	6.59	8.81	10.98	13.52	16.12	18.70	21.18	22.82	25.00		1245	16.02

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Course																
Percentile Rank		0%	0.2%	0.9%	2.9%	8.9%	24%	50.5%	77%	92.1%	98.1%	Top		PopIn	Mean	Std.
Standardised Mark		0	10	20	30	40	50	60	70	80	90	100			Dev.	
ELD3W	English as an Additional Language or Dialect Stage 3 - Written	0.00	6.24	12.06	24.70	34.36	41.15	48.60	54.44	59.78	64.33	69.00		1249	47.40	10.02
ENG2W	English Stage 2 - Written	0.00	4.13	11.49	23.38	35.47	43.42	51.84	59.80	66.79	73.17	90.00		1332	51.13	12.22
ENG3W	English Stage 3 - Written	0.00	7.80	21.64	29.71	37.00	44.17	51.53	59.09	66.54	73.65	88.00		10217	51.56	10.99
FST2W	Food Science and Technology Stage 2 - Written**	0.00	N/A	N/A	16.33	24.51	35.48	48.09	61.12	68.85	71.48	76.62		69	47.13	15.19
FST3W	Food Science and Technology Stage 3 - Written	0.00	N/A	20.07	32.17	43.56	50.71	61.58	70.78	77.39	82.67	91.86		227	60.31	13.08
FRE3P	French Stage 3 - Practical	0.00	N/A	7.66	10.72	13.89	16.84	20.93	24.74	28.13	29.67	30.00		419	20.94	5.06
FRE3W	French Stage 3 - Written	0.00	N/A	17.70	23.08	26.55	34.47	41.46	47.98	54.70	59.69	65.78		424	40.92	9.76
GEO2W	Geography Stage 2 - Written	0.00	N/A	N/A	N/A	35.98	44.70	63.59	69.98	74.47	80.95	83.00		12	60.25	14.01
GEO3W	Geography Stage 3 - Written	0.00	16.97	24.22	35.50	44.38	53.29	62.30	70.35	77.11	83.23	96.00		1828	61.36	12.20
GER3P	German Stage 3 - Practical	0.00	N/A	N/A	N/A	9.99	13.13	17.25	22.12	23.85	24.72	25.00		33	17.32	5.04
GER3W	German Stage 3 - Written	0.00	N/A	N/A	N/A	28.39	35.51	43.87	52.90	60.55	62.83	63.39		34	44.60	10.55
HEA2W	Health Studies Stage 2 - Written	0.00	N/A	N/A	26.31	32.77	41.35	60.37	76.88	85.22	88.61	89.50		47	60.36	18.98
HEA3W	Health Studies Stage 3 - Written	0.00	N/A	16.10	22.53	31.01	45.21	57.51	68.83	77.52	86.05	93.00		416	56.27	16.19
HBS2W	Human Biological Science Stage 2 - Written	0.00	N/A	N/A	17.89	39.29	48.78	56.94	64.93	74.98	87.28	89.00		55	56.59	13.93
HBS3W	Human Biological Science Stage 3 - Written	0.00	16.70	21.61	26.84	35.66	46.99	59.88	71.44	79.37	85.06	92.75		4396	58.59	15.48
IND3P	Indonesian: Second Language Stage 3 - Practical	0.00	N/A	N/A	7.35	12.21	18.35	24.15	30.19	34.60	38.23	39.00		81	24.07	7.86
IND3W	Indonesian: Second Language Stage 3 - Written	0.00	N/A	N/A	14.74	19.73	30.53	37.02	43.86	51.44	54.01	55.92		81	36.44	9.99
ISC2W	Integrated Science Stage 2 - Written	0.00	N/A	N/A	N/A	44.13	48.10	55.24	64.31	67.79	69.88	70.56		13	57.23	8.52

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Standardised Mark		0	10	20	30	40	50	60	70	80	90	100				Dev.
ISC3W	Integrated Science Stage 3 - Written	0.00	N/A	N/A	29.75	36.34	43.91	51.61	59.29	71.92	76.38	81.12		92	51.84	11.91
ITA3P	Italian Stage 3 - Practical	0.00	N/A	5.66	6.40	9.92	13.34	18.28	23.98	27.93	29.76	30.00		310	18.59	6.29
ITA3W	Italian Stage 3 - Written	0.00	N/A	17.38	21.31	28.09	34.58	41.10	49.80	56.42	61.57	67.32		311	41.87	10.09
JSL3P	Japanese: Second Language Stage 3 - Practical	0.00	N/A	3.18	4.79	6.55	9.87	13.26	16.54	18.74	19.70	20.00		281	13.37	4.22
JSL3W	Japanese: Second Language Stage 3 - Written	0.00	N/A	14.50	21.92	29.54	37.90	46.52	57.47	64.50	69.14	71.57		285	46.87	12.63
LIT2W	Literature Stage 2 - Written	0.00	N/A	N/A	N/A	N/A	51.38	67.94	76.47	89.10	91.68	92.50		10	64.41	22.20
LIT3W	Literature Stage 3 - Written	0.00	25.84	41.84	47.36	53.45	59.63	66.50	74.10	80.36	86.29	93.90		1691	66.59	10.03
MMS3W	Marine and Maritime Studies Stage 3 - Written	0.00	N/A	N/A	37.04	48.28	57.06	68.81	77.31	82.07	87.95	92.66		82	66.56	13.13
MDT2P	Materials Design and Technology Stage 2 - Practical	0.00	N/A	N/A	N/A	6.05	15.11	19.34	24.18	27.11	27.79	28.00		34	19.41	6.92
MDT2W	Materials Design and Technology Stage 2 - Written**	0.00	N/A	N/A	N/A	47.94	58.25	65.86	71.43	74.22	85.26	88.72		32	64.54	10.59
MDT3P	Materials Design and Technology Stage 3 - Practical	0.00	N/A	6.92	8.35	14.32	19.84	24.42	28.00	30.62	32.19	33.00		213	23.94	5.88
MDT3W	Materials Design and Technology Stage 3 - Written**	0.00	N/A	24.64	28.90	39.92	53.96	64.49	72.24	78.18	82.53	91.48		205	61.93	13.89
MAS3CD W	Mathematics Specialist Stage 3CD - Written	0.00	2.03	9.44	30.87	48.67	70.27	94.05	116.21	132.64	142.87	149.50		1543	91.80	29.87
MAT2AB W	Mathematics Stage 2AB - Written	0.00	N/A	19.25	31.55	41.79	59.36	77.10	98.77	114.01	123.54	128.00		139	77.76	25.07
MAT2CD W	Mathematics Stage 2CD - Written	0.00	9.55	20.44	31.66	43.65	58.10	73.50	89.22	103.19	115.54	133.00		3594	73.21	21.35
MAT3AB W	Mathematics Stage 3AB - Written	0.00	7.68	17.51	28.17	44.78	63.22	84.78	105.17	119.93	129.83	145.00		5348	83.20	26.82

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Standardised Mark		0	10	20	30	40	50	60	70	80	90	100				Dev.
MAT3CD W	Mathematics Stage 3CD - Written	0.00	5.40	20.09	37.05	56.99	77.47	98.44	117.52	131.91	141.23	148.00		3920	95.89	27.26
MPA2P	Media Production and Analysis Stage 2 - Practical	0.00	N/A	N/A	N/A	N/A	25.43	30.75	33.86	38.34	41.77	42.86		10	31.43	5.54
MPA3P	Media Production and Analysis Stage 3 - Practical	0.00	5.41	13.23	18.86	23.00	27.63	32.26	36.76	41.39	45.62	50.00		725	32.34	6.71
MPA3W	Media Production and Analysis Stage 3 - Written	0.00	4.38	9.07	14.24	20.46	25.79	30.23	34.82	38.68	43.00	46.13		711	29.81	6.85
HIM3W	Modern History Stage 3 - Written	0.00	1.15	13.26	27.82	39.33	49.42	58.62	66.76	75.02	81.63	92.00		2562	57.49	13.49
MUS2P	Music Stage 2 - Practical	0.00	N/A	N/A	N/A	15.58	19.40	26.89	33.55	34.85	36.16	36.67		16	26.97	7.07
MUS2W	Music Stage 2 - Written	0.00	N/A	N/A	N/A	15.26	20.91	26.11	32.02	35.49	37.35	38.03		16	27.11	6.82
MUS3P	Music Stage 3 - Practical	0.00	N/A	12.84	16.09	20.58	26.07	31.69	38.89	45.12	48.50	50.00		375	32.14	8.43
MUS3W	Music Stage 3 - Written	0.00	N/A	6.83	8.11	12.13	15.08	21.62	27.53	33.33	38.08	41.78		375	21.87	7.69
OED2W	Outdoor Education Stage 2 - Written	0.00	N/A	N/A	N/A	29.61	37.32	52.62	57.52	61.61	65.80	67.16		16	49.27	11.25
OED3W	Outdoor Education Stage 3 - Written	0.00	N/A	15.62	21.46	31.20	40.07	52.51	62.20	71.79	76.65	81.11		327	50.98	14.40
PAE3W	Philosophy and Ethics Stage 3 - Written	0.00	N/A	29.52	40.85	48.67	55.43	62.40	70.56	77.55	83.29	88.50		169	62.62	10.83
PES2W	Physical Education Studies Stage 2 - Written	0.00	N/A	N/A	21.36	23.84	31.99	38.97	48.18	54.23	57.17	59.50		35	40.01	10.18
PES3W	Physical Education Studies Stage 3 - Written	0.00	11.87	16.96	21.48	26.98	33.38	40.38	46.85	51.91	56.14	62.57		2384	39.77	8.99
PHY3W	Physics Stage 3 - Written	0.00	4.53	12.66	22.33	34.24	48.78	63.17	75.34	83.57	89.45	96.95		3788	60.80	17.75
PPS3W	Plant Production Systems Stage 3 - Written	0.00	N/A	N/A	27.94	36.88	49.78	61.41	70.80	80.16	82.39	90.39		50	60.62	14.57
PAL3W	Politics and Law Stage 3 - Written	0.00	6.57	12.67	18.66	29.76	42.86	55.46	67.28	76.66	85.26	93.50		815	54.38	16.64
PSY2W	Psychology Stage 2 - Written	0.00	N/A	N/A	4.11	34.64	53.80	65.20	75.90	82.92	84.62	85.00		40	62.29	18.37

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Standardised Mark		0	10	20	30	40	50	60	70	80	90	100				
PSY3W	Psychology Stage 3 - Written	0.00	6.87	13.77	20.18	30.31	41.21	53.34	64.40	72.15	79.16	86.75		1375	52.11	15.22
REL2W	Religion and Life Stage 2 - Written	0.00	N/A	N/A	6.33	46.74	56.97	63.55	71.04	76.87	81.97	90.48		85	61.94	14.93
REL3W	Religion and Life Stage 3 - Written	0.00	19.86	29.67	37.78	44.26	51.96	60.00	67.79	73.95	79.58	89.51		1878	59.26	10.87
VAR3P	Visual Arts Stage 3 - Practical	0.00	6.00	9.34	11.77	15.05	17.93	21.65	25.16	28.39	31.00	34.00		1002	21.76	4.92
VAR3W	Visual Arts Stage 3 - Written	0.00	5.53	12.81	17.55	22.41	26.32	30.69	35.60	40.50	45.22	50.00		986	30.77	6.77

\* The raw marks which are standardised to 10, 20, 30, 40, 50, 60, 70, 80, 90 are those of students whose mark is equal to 0.2, 0.9, 2.9, 8.9, 24, 50.5, 77, 92.1 and 98.1 per cent respectively of other students sitting the examinations. A raw mark of 0 becomes a standardised mark of 0, and the highest raw mark is standardised to 100. Having determined these standardisation points other raw examination marks may be transformed to standardised marks by linear interpolation.

\*\* Entries for these examinations are not raw marks but adjusted raw marks. The adjustment is necessary to take account of the different contexts within those examinations.