

School Curriculum and Standards Authority

Table 4.14 Relationship between raw examination marks and standardised examination marks* for WACE course examinations, 2014

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.
ACF2W	Accounting and Finance Stage 2 - Written	0.00	N/A	N/A	N/A	18.05	38.91	54.98	73.51	80.08	85.62	87.52		23	55.81	21.88
ACF3W	Accounting and Finance Stage 3 - Written	0.00	2.87	11.74	23.15	33.39	45.90	60.62	73.13	82.36	87.62	95.39		935	58.97	17.61
HIA3W	Ancient History Stage 3 - Written	0.00	N/A	16.47	26.39	38.89	48.32	59.56	73.80	79.19	83.81	89.00		147	59.70	14.95
APS3W	Animal Production Systems Stage 3 - Written	0.00	N/A	N/A	N/A	36.32	44.74	58.18	67.31	80.05	86.44	88.30		19	58.38	15.09
AIT2W	Applied Information Technology Stage 2 - Written	0.00	N/A	N/A	13.06	27.48	39.03	51.93	65.67	72.24	79.02	81.81		52	51.55	16.93
AIT3W	Applied Information Technology Stage 3 - Written	0.00	0.31	8.64	30.05	41.45	52.75	62.66	70.75	77.33	81.90	92.50		545	60.64	13.61
AVN3P	Aviation Stage 3 - Practical	0.00	N/A	N/A	N/A	11.41	13.66	15.63	17.08	18.12	18.48	18.53		23	15.39	2.25
AVN3W	Aviation Stage 3 - Written	0.00	N/A	N/A	N/A	16.61	25.22	39.80	45.29	53.12	54.12	54.57		22	37.58	11.93
BIO3W	Biological Sciences Stage 3 - Written	0.00	20.27	29.57	37.40	44.82	53.07	62.53	69.64	76.10	81.16	86.50		1071	61.19	11.31
BME2W	Business Management and Enterprise Stage 2 - Written	0.00	N/A	N/A	15.85	22.15	34.17	47.66	59.40	65.93	69.00	69.58		63	46.15	14.59
BME3W	Business Management and Enterprise Stage 3 - Written	0.00	0.89	8.19	14.16	32.06	47.59	61.40	72.05	79.81	85.75	92.00		632	58.65	17.72
CAE2W	Career and Enterprise Stage 2 - Written	0.00	N/A	N/A	31.07	47.93	60.51	68.90	76.65	83.28	89.27	89.99		57	67.76	13.28
CAE3W	Career and Enterprise Stage 3 - Written	0.00	N/A	N/A	35.14	44.05	56.89	67.88	78.98	83.78	89.38	91.49		105	66.50	14.12
CHE2W	Chemistry Stage 2 - Written	0.00	N/A	N/A	N/A	20.08	37.31	40.57	51.63	67.45	86.46	92.61		13	46.66	17.60
CHE3W	Chemistry Stage 3 - Written	0.00	11.90	16.90	23.10	32.50	45.91	61.69	76.76	86.05	91.43	97.81		3640	60.32	18.92
CFC2W	Children, Family and the Community Stage 2 - Written	0.00	N/A	31.39	47.88	59.72	68.75	75.60	80.83	85.01	88.79	90.19		125	73.96	10.06
CFC3W	Children, Family and the Community Stage 3 - Written	0.00	N/A	N/A	27.84	42.42	59.62	70.54	78.01	83.52	88.67	90.39		79	67.42	14.58

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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	Std.
Standardised Mark		0	10	20	30	40	50	60	70	80	90	100				Dev.
CSL3P	Chinese: Second Language Stage 3 - Practical	0.00	N/A	N/A	N/A	20.81	28.44	33.82	35.93	39.29	39.83	40.00		27	32.33	6.83
CSL3W	Chinese: Second Language Stage 3 - Written	0.00	N/A	N/A	N/A	28.10	37.28	47.68	55.30	59.71	61.32	62.60		26	46.05	11.58
CSC2W	Computer Science Stage 2 - Written	0.00	N/A	N/A	N/A	32.57	49.13	64.20	77.12	89.27	92.94	94.55		19	63.58	18.22
CSC3W	Computer Science Stage 3 - Written	0.00	N/A	11.16	20.02	39.53	50.64	64.44	75.63	83.96	88.20	89.85		314	61.90	16.77
DAN3P	Dance Stage 3 - Practical	0.00	N/A	16.64	19.51	21.91	24.91	30.34	36.81	43.19	46.38	50.00		142	31.25	7.50
DAN3W	Dance Stage 3 - Written	0.00	N/A	5.41	12.41	17.46	22.44	26.91	31.99	36.51	40.57	45.83		149	27.03	7.04
DES2P	Design Stage 2 - Practical	0.00	N/A	N/A	8.39	13.14	15.36	19.92	23.68	27.92	30.63	31.00		39	20.40	5.45
DES2W	Design Stage 2 - Written	0.00	N/A	N/A	6.04	10.85	18.12	26.62	30.49	38.58	42.62	44.71		39	25.26	9.37
DES3P	Design Stage 3 - Practical	0.00	N/A	12.49	15.50	18.71	22.93	26.61	30.69	35.78	39.30	42.00		305	27.22	5.89
DES3W	Design Stage 3 - Written	0.00	N/A	2.90	9.24	16.88	21.86	27.87	33.49	37.98	42.55	46.43		301	27.25	8.14
DRA3P	Drama Stage 3 - Practical	0.00	29.58	38.57	44.97	50.14	57.74	66.91	75.55	84.48	91.09	97.50		508	66.79	12.00
DRA3W	Drama Stage 3 - Written	0.00	0.52	8.78	15.93	21.01	26.97	31.63	36.09	40.55	43.59	48.00		507	31.16	7.12
EES2W	Earth and Environmental Science Stage 2 - Written	0.00	N/A	N/A	N/A	18.70	33.05	37.81	64.19	71.19	71.67	71.82		12	46.90	17.42
EES3W	Earth and Environmental Science Stage 3 - Written	0.00	N/A	15.59	26.82	39.28	48.07	57.97	68.65	76.79	82.99	84.25		160	57.77	13.87
ECO2W	Economics Stage 2 - Written	0.00	N/A	N/A	N/A	N/A	46.52	52.22	64.47	76.03	86.26	89.50		11	54.41	20.40
ECO3W	Economics Stage 3 - Written	0.00	9.66	13.80	19.70	29.09	40.85	54.55	69.18	80.17	87.83	97.00		1421	54.42	18.01
EST3W	Engineering Studies Stage 3 - Written**	0.00	N/A	17.80	24.25	37.45	53.43	66.87	77.63	84.53	89.45	94.67		177	63.86	16.56
ELD2P	English as an Additional Language or Dialect Stage 2 - Practical	0.00	N/A	4.51	7.63	9.55	11.98	14.76	16.70	19.30	21.90	23.31		204	14.48	3.55

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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.
ELD2W	English as an Additional Language or Dialect Stage 2 - Written	0.00	N/A	9.37	16.77	25.63	34.67	44.92	54.83	60.62	64.52	66.00		203	43.86	12.55
ELD3P	English as an Additional Language or Dialect Stage 3 - Practical	0.00	4.41	5.78	8.30	10.54	12.79	15.44	18.10	20.00	22.32	24.42		1133	15.35	3.54
ELD3W	English as an Additional Language or Dialect Stage 3 - Written	0.00	3.58	12.70	21.15	27.28	34.89	41.90	48.09	53.24	58.37	66.00		1134	41.15	9.59
ENG2W	English Stage 2 - Written	0.00	2.56	13.04	26.41	37.45	46.85	54.96	62.59	69.72	74.84	83.50		928	53.97	12.09
ENG3W	English Stage 3 - Written	0.00	9.61	22.29	32.56	38.70	45.33	52.58	60.27	67.48	74.84	86.50		6485	52.75	10.81
FST2W	Food Science and Technology Stage 2 - Written**	0.00	N/A	26.10	30.83	41.91	50.70	64.91	72.81	80.69	88.32	93.18		121	61.92	14.67
FST3W	Food Science and Technology Stage 3 - Written	0.00	N/A	N/A	21.26	30.02	41.18	47.75	57.91	66.78	78.06	78.79		82	48.71	13.22
FRE3P	French Stage 3 - Practical	0.00	N/A	7.09	9.27	11.43	16.90	21.14	24.59	27.58	29.73	30.00		260	20.61	5.40
FRE3W	French Stage 3 - Written	0.00	N/A	11.57	14.68	19.75	28.11	36.57	44.73	52.51	57.12	59.55		263	36.27	11.25
GEO2W	Geography Stage 2 - Written	0.00	N/A	N/A	N/A	37.35	49.30	67.88	73.55	74.83	76.02	76.50		17	63.03	13.21
GEO3W	Geography Stage 3 - Written	0.00	11.11	23.42	31.99	41.01	49.77	58.46	66.74	73.99	81.01	92.50		1206	57.97	12.37
GER3P	German Stage 3 - Practical	0.00	N/A	N/A	N/A	11.79	13.61	17.24	20.04	22.18	23.98	24.58		23	17.46	3.75
GER3W	German Stage 3 - Written	0.00	N/A	N/A	N/A	26.93	30.68	35.79	43.90	47.94	48.66	48.92		23	37.16	7.68
HEA2W	Health Studies Stage 2 - Written	0.00	N/A	N/A	N/A	31.28	50.80	56.44	71.21	77.27	82.74	86.50		33	58.24	14.92
HEA3W	Health Studies Stage 3 - Written	0.00	N/A	15.55	21.49	30.83	48.31	61.38	70.44	78.45	86.04	91.00		206	58.61	16.32
HBS2W	Human Biological Science Stage 2 - Written	0.00	N/A	N/A	N/A	23.67	47.29	59.07	69.06	71.45	77.36	81.75		28	56.59	15.30
HBS3W	Human Biological Science Stage 3 - Written	0.00	13.37	19.59	26.85	35.14	44.06	55.86	67.57	76.28	83.12	92.25		2745	55.56	14.78

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Standardised Mark		0	10	20	30	40	50	60	70	80	90	100				Dev.
IND3P	Indonesian: Second Language Stage 3 - Practical	0.00	N/A	N/A	11.62	13.00	18.22	25.28	34.01	34.95	37.87	39.00		56	26.02	8.07
IND3W	Indonesian: Second Language Stage 3 - Written	0.00	N/A	N/A	10.48	16.36	24.99	34.93	40.28	50.21	55.16	55.88		56	33.37	11.44
ISC3W	Integrated Science Stage 3 - Written	0.00	N/A	N/A	22.28	36.47	47.30	59.90	68.91	74.41	79.34	79.52		55	57.04	14.43
ITA3P	Italian Stage 3 - Practical	0.00	N/A	N/A	N/A	8.63	13.13	18.74	24.24	27.50	29.69	30.00		161	18.82	6.65
ITA3W	Italian Stage 3 - Written	0.00	N/A	22.71	23.71	25.86	31.45	39.73	47.28	53.83	59.22	64.09		163	39.79	9.57
JSL3P	Japanese: Second Language Stage 3 - Practical	0.00	N/A	2.39	3.68	6.71	9.68	12.12	15.21	17.96	19.53	20.00		197	12.60	3.96
JSL3W	Japanese: Second Language Stage 3 - Written	0.00	N/A	6.41	11.95	20.33	29.50	39.24	52.01	64.62	70.01	72.44		196	40.42	15.28
LIT3W	Literature Stage 3 - Written	0.00	10.17	40.61	47.14	51.48	57.30	64.01	71.76	78.24	85.84	93.10		1187	64.31	10.20
MMS3W	Marine and Maritime Studies Stage 3 - Written	0.00	N/A	N/A	N/A	55.98	60.74	70.81	75.37	85.61	93.51	94.36		29	70.65	9.95
MDT2P	Materials Design and Technology Stage 2 - Practical	0.00	N/A	N/A	N/A	10.66	12.88	19.55	23.29	24.85	25.71	26.00		31	18.90	5.32
MDT2W	Materials Design and Technology Stage 2 - Written**	0.00	N/A	N/A	N/A	25.25	30.68	33.29	41.87	44.89	46.91	48.78		31	34.69	7.99
MDT3P	Materials Design and Technology Stage 3 - Practical	0.00	N/A	7.90	10.46	13.73	19.91	23.83	27.77	30.94	32.15	33.00		135	23.62	5.70
MDT3W	Materials Design and Technology Stage 3 - Written**	0.00	N/A	14.20	20.02	21.87	26.57	32.26	38.31	41.37	43.65	44.55		135	32.15	6.94
MAT2AB W	Mathematics Stage 2AB - Written	0.00	N/A	13.76	37.48	52.33	71.72	88.39	102.22	118.13	127.53	134.50		131	85.97	23.24
MAT2CD W	Mathematics Stage 2CD - Written	0.00	12.96	25.11	36.10	50.86	65.34	82.80	98.61	110.00	120.25	134.50		2394	81.15	21.86
MAT3AB W	Mathematics Stage 3AB - Written	0.00	7.70	16.46	28.59	45.59	65.75	87.60	107.74	121.55	130.56	144.00		3413	85.15	27.18

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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	6.00	17.58	33.16	49.48	70.93	91.99	112.68	128.11	139.15	148.50		2908	90.19	27.92
MAS3CD W	Mathematics: Specialist Stage 3CD - Written	0.00	1.49	4.11	17.63	35.39	56.42	80.29	103.80	121.36	132.54	144.50		1246	78.98	30.74
MPA2P	Media Production and Analysis Stage 2 - Practical	0.00	N/A	N/A	N/A	25.10	27.96	32.95	37.47	39.55	39.89	40.00		24	33.09	4.98
MPA2W	Media Production and Analysis Stage 2 - Written	0.00	N/A	N/A	N/A	24.55	27.28	31.00	35.33	38.12	39.91	41.33		24	31.38	5.14
MPA3P	Media Production and Analysis Stage 3 - Practical	0.00	6.83	11.52	15.34	22.47	28.42	33.35	38.27	42.83	46.39	50.00		548	33.02	7.50
MPA3W	Media Production and Analysis Stage 3 - Written	0.00	N/A	2.95	12.95	20.46	25.67	30.90	36.15	40.07	41.98	45.13		541	30.31	7.56
HIM3W	Modern History Stage 3 - Written	0.00	6.07	17.68	28.55	40.59	50.29	59.31	68.10	76.70	83.32	92.50		1639	58.73	13.54
MUS3P	Music Stage 3 - Practical	0.00	N/A	11.48	15.96	22.32	26.71	31.96	38.57	43.80	48.45	50.00		218	32.44	7.99
MUS3W	Music Stage 3 - Written	0.00	N/A	5.48	9.02	12.50	17.87	25.76	32.16	37.88	42.42	45.94		219	25.10	8.86
OED2W	Outdoor Education Stage 2 - Written	0.00	N/A	N/A	N/A	35.87	53.73	58.24	73.54	79.19	81.02	81.55		14	61.76	13.32
OED3W	Outdoor Education Stage 3 - Written	0.00	N/A	21.17	27.74	38.38	46.30	56.52	66.05	71.17	74.28	83.79		170	55.43	12.36
PAE3W	Philosophy and Ethics Stage 3 - Written	0.00	N/A	18.12	30.41	46.82	55.27	60.85	70.35	80.09	84.98	92.50		142	61.80	13.02
PES2W	Physical Education Studies Stage 2 - Written	0.00	N/A	N/A	20.23	25.16	33.20	37.67	43.67	51.17	55.44	55.64		48	38.49	8.03
PES3W	Physical Education Studies Stage 3 - Written	0.00	9.16	17.06	22.94	28.20	34.66	41.74	47.85	52.65	56.80	63.15		1418	40.87	8.92
PHY2W	Physics Stage 2 - Written	0.00	N/A	N/A	N/A	32.84	52.21	69.08	85.40	89.03	93.99	95.92		18	66.96	19.58
PHY3W	Physics Stage 3 - Written	0.00	6.15	15.22	24.20	34.56	46.16	59.01	71.43	81.19	88.95	96.94		2767	58.10	16.78
PPS3W	Plant Production Systems Stage 3 - Written	0.00	N/A	N/A	N/A	45.34	49.47	58.19	71.02	80.28	83.65	84.79		17	62.15	12.23
PAL3W	Politics and Law Stage 3 - Written	0.00	5.78	11.53	25.09	36.67	49.66	60.34	70.59	78.49	84.35	93.00		558	58.90	15.35

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Standardised Mark		0	10	20	30	40	50	60	70	80	90	100				Dev.
PSY2W	Psychology Stage 2 - Written	0.00	N/A	N/A	14.13	35.00	43.80	61.09	71.91	80.11	86.15	87.00		45	58.27	17.44
PSY3W	Psychology Stage 3 - Written	0.00	11.45	20.87	26.16	36.66	47.78	58.57	69.39	78.51	85.44	92.46		832	57.83	14.86
REL2W	Religion and Life Stage 2 - Written	0.00	N/A	N/A	32.22	45.68	56.09	63.47	69.84	74.79	78.47	80.16		84	62.46	10.81
REL3W	Religion and Life Stage 3 - Written	0.00	10.26	31.35	39.13	45.76	53.74	61.20	70.02	77.30	83.64	94.56		1294	61.24	11.48
VAR2P	Visual Arts Stage 2 - Practical	0.00	N/A	N/A	N/A	N/A	21.60	26.15	32.70	35.63	37.43	38.00		10	27.80	6.54
VAR2W	Visual Arts Stage 2 - Written	0.00	N/A	N/A	N/A	N/A	25.85	30.56	33.88	40.92	42.12	42.50		10	31.65	5.90
VAR3P	Visual Arts Stage 3 - Practical	0.00	5.58	9.81	11.67	14.89	17.84	22.81	25.61	28.89	31.45	34.00		659	21.97	5.04
VAR3W	Visual Arts Stage 3 - Written	0.00	2.07	9.37	16.39	20.50	24.76	29.44	34.73	39.72	43.07	49.17		651	29.52	6.99

* 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.