

## MATURA EXAM 2018 RESULTS – STANINE SCORES

To calculate the stanine scores the results of test takers in each subject were ranked from the lowest to the highest and then the students were divided into 9 groups, where the 1<sup>st</sup> group (1<sup>st</sup> stanine) included 4% of students with the lowest score and the 9<sup>th</sup> group (9<sup>th</sup> stanine) included 4% of students with the highest scores. In-between we have 7 other groups: 2<sup>nd</sup> stanine – 7%, 3<sup>rd</sup> stanine – 12%, 4<sup>th</sup> stanine – 17%, 5<sup>th</sup> stanine – 20%, 6<sup>th</sup> stanine – 17%, 7<sup>th</sup> stanine – 12% and 8<sup>th</sup> stanine – 7% of the population.

In the tables below the score range for each group is given for both standard and extended level. In this way we can find out how student's individual score compares with the results of the whole population and get a reliable picture of the difficulty of the exam in each subject.

The stanine scores are given only for the major subjects with the number of test takers high enough for statistical analyses.

Subject		Polish	
Level		Standard	Extended
Stanine scores	1st stanine – the lowest 4%	0% - 29%	0% - 3%
	2nd stanine – very low 7%	30% - 36%	
	3rd stanine – low 12%	37% - 43%	4% - 33%
	4th stanine – low medium 17%	44% - 50%	34% - 45%
	5th stanine – medium 20%	51% - 59%	46% - 58%
	6th stanine – high medium 17%	60% - 66%	59% - 70%
	7th stanine – high 12%	67% - 73%	71% - 83%
	8th stanine – very high 7%	74% - 81%	84% - 90%
	9th stanine – the highest 4%	82% - 100%	91% - 100%

Subject		English	
Level		Standard	Extended
Stanine scores	1st stanine – the lowest 4%	0% - 26%	0% - 14%
	2nd stanine – very low 7%	27% - 38%	15% - 22%
	3rd stanine – low 12%	39% - 52%	23% - 32%
	4th stanine – low medium 17%	53% - 68%	33% - 48%
	5th stanine – medium 20%	69% - 84%	49% - 64%
	6th stanine – high medium 17%	85% - 94%	65% - 78%
	7th stanine – high 12%	95% - 98%	79% - 88%
	8th stanine – very high 7%	99% - 100%	89% - 94%
	9th stanine – the highest 4%		95% - 100%

Subject		German	
Level		Standard	Extended
Stanine scores	1st stanine – the lowest 4%	0% - 24%	0% - 12%
	2nd stanine –very low 7%	25% - 32%	13% - 18%
	3rd stanine – low 12%	33% - 40%	19% - 28%
	4th stanine – low medium17%	41% - 50%	29% - 44%
	5th stanine – medium 20%	51% - 64%	45% - 64%
	6th stanine – high medium 17%	65% - 82%	65% - 80%
	7th stanine – high 12%	83% - 94%	81% - 90%
	8th stanine – very high 7%	95% - 98%	91% - 96%
	9th stanine – the highest 4%	99% - 100%	97% - 100%

Subject		Russian	
Level		Standard	Extended
Stanine scores	1st stanine – the lowest 4%	0% - 24%	0% - 12%
	2nd stanine –very low 7%	25% - 30%	13% - 18%
	3rd stanine – low 12%	31% - 40%	19% - 30%
	4th stanine – low medium17%	41% - 52%	31% - 48%
	5th stanine – medium 20%	53% - 66%	49% - 70%
	6th stanine – high medium 17%	67% - 80%	71% - 84%
	7th stanine – high 12%	81% - 92%	85% - 94%
	8th stanine – very high 7%	93% - 98%	95% - 98%
	9th stanine – the highest 4%	99% - 100%	99% - 100%

Subject		French	
Level		Standard	Extended
Stanine scores	1st stanine – the lowest 4%	0% - 36%	0% - 20%
	2nd stanine –very low 7%	7% - 54%	21% - 32%
	3rd stanine – low 12%	55% - 70%	33% - 50%
	4th stanine – low medium17%	71% - 82%	51% - 64%
	5th stanine – medium 20%	83% - 92%	65% - 76%
	6th stanine – high medium 17%	93% - 96%	77% - 84%
	7th stanine – high 12%	97% - 98%	85% - 90%
	8th stanine – very high 7%	99% - 100%	91% - 96%
	9th stanine – the highest 4%		97% - 100%

Subject		Spanish	
Level		Standard	Extended
Stanine scores	1st stanine – the lowest 4%	0% - 28%	0% - 12%
	2nd stanine –very low 7%	29% - 46%	13% - 20%
	3rd stanine – low 12%	47% - 64%	21% - 32%
	4th stanine – low medium17%	65% - 78%	33% - 48%
	5th stanine – medium 20%	79% - 88%	49% - 64%
	6th stanine – high medium 17%	89% - 92%	65% - 74%
	7th stanine – high 12%	93% - 96%	75% - 82%
	8th stanine – very high 7%	97% - 98%	83% - 88%
	9th stanine – the highest 4%	99% - 100%	89% - 100%

Subject		Italian	
Level		Standard	Extended
Stanine scores	1st stanine – the lowest 4%	0% - 36%	0% - 16%
	2nd stanine –very low 7%	37% - 50%	17% - 30%
	3rd stanine – low 12%	51% - 66%	31% - 52%
	4th stanine – low medium17%	67% - 82%	53% - 68%
	5th stanine – medium 20%	83% - 92%	69% - 78%
	6th stanine – high medium 17%	93% - 96%	79% - 88%
	7th stanine – high 12%	97% - 98%	89% - 94%
	8th stanine – very high 7%	99% - 100%	95% - 96%
	9th stanine – the highest 4%		97% - 100%

Subject		Maths	
Level		Standard	Extended
Stanine scores	1st stanine – the lowest 4%	0% - 14%	0%
	2nd stanine –very low 7%	15% - 20%	1% - 2%
	3rd stanine – low 12%	21% - 32%	3% - 6%
	4th stanine – low medium17%	33% - 44%	7% - 16%
	5th stanine – medium 20%	45% - 60%	17% - 30%
	6th stanine – high medium 17%	61% - 78%	31% - 44%
	7th stanine – high 12%	79% - 90%	45% - 58%
	8th stanine – very high 7%	91% - 96%	59% - 70%
	9th stanine – the highest 4%	97% - 100%	71% - 100%

Subject		Physics
Level		Extended
Stanine scores	1st stanine – the lowest 4%	0% - 5%
	2nd stanine –very low 7%	6% - 8%
	3rd stanine – low 12%	9% - 15%
	4th stanine – low medium17%	16% - 23%
	5th stanine – medium 20%	24% - 35%
	6th stanine – high medium 17%	36% - 48%
	7th stanine – high 12%	49% - 63%
	8th stanine – very high 7%	64% - 78%
	9th stanine – the highest 4%	79% - 100%

Subject		Biology
Level		Extended
Stanine scores	1st stanine – the lowest 4%	0% - 3%
	2nd stanine –very low 7%	4% - 5%
	3rd stanine – low 12%	6% - 10%
	4th stanine – low medium17%	11% - 18%
	5th stanine – medium 20%	19% - 33%
	6th stanine – high medium 17%	34% - 48%
	7th stanine – high 12%	49% - 63%
	8th stanine – very high 7%	64% - 73%
	9th stanine – the highest 4%	74% - 100%

Subject		Geography
Level		Extended
Stanine scores	1st stanine – the lowest 4%	0% - 7%
	2nd stanine –very low 7%	8% - 10%
	3rd stanine – low 12%	11% - 15%
	4th stanine – low medium17%	16% - 22%
	5th stanine – medium 20%	23% - 30%
	6th stanine – high medium 17%	31% - 40%
	7th stanine – high 12%	41% - 52%
	8th stanine – very high 7%	53% - 65%
	9th stanine – the highest 4%	66% - 100%

Subject		Chemistry
Level		Extended
Stanine scores	1st stanine – the lowest 4%	0% - 2%
	2nd stanine –very low 7%	3% - 5%
	3rd stanine – low 12%	6% - 15%
	4th stanine – low medium17%	16% - 27%
	5th stanine – medium 20%	28% - 43%
	6th stanine – high medium 17%	44% - 60%
	7th stanine – high 12%	61% - 75%
	8th stanine – very high 7%	76% - 87%
	9th stanine – the highest 4%	88% - 100%

Subject		History
Level		Extended
Stanine scores	1st stanine – the lowest 4%	0% - 2%
	2nd stanine –very low 7%	3% - 4%
	3rd stanine – low 12%	5% - 10%
	4th stanine – low medium17%	11% - 20%
	5th stanine – medium 20%	21% - 32%
	6th stanine – high medium 17%	33% - 48%
	7th stanine – high 12%	49% - 62%
	8th stanine – very high 7%	63% - 76%
	9th stanine – the highest 4%	77% - 100%

Subject		History of Art
Level		Extended
Stanine scores	1st stanine – the lowest 4%	0% - 2%
	2nd stanine –very low 7%	3% - 7%
	3rd stanine – low 12%	8% - 17%
	4th stanine – low medium17%	18% - 32%
	5th stanine – medium 20%	33% - 52%
	6th stanine – high medium 17%	53% - 67%
	7th stanine – high 12%	68% - 78%
	8th stanine – very high 7%	79% - 87%
	9th stanine – the highest 4%	88% - 100%

Subject		History of Music
Level		Extended
Stanine scores	1st stanine – the lowest 4%	0%
	2nd stanine –very low 7%	1% - 3%
	3rd stanine – low 12%	4% - 10%
	4th stanine – low medium17%	11% - 28%
	5th stanine – medium 20%	29% - 55%
	6th stanine – high medium 17%	56% - 75%
	7th stanine – high 12%	76% - 87%
	8th stanine – very high 7%	88% - 98%
	9th stanine – the highest 4%	99% - 100%

Subject		Civic Education
Level		Extended
Stanine scores	1st stanine – the lowest 4%	0% - 3%
	2nd stanine –very low 7%	4% - 7%
	3rd stanine – low 12%	8% - 10%
	4th stanine – low medium17%	11% - 17%
	5th stanine – medium 20%	18% - 27%
	6th stanine – high medium 17%	28% - 40%
	7th stanine – high 12%	41% - 55%
	8th stanine – very high 7%	56% - 72%
	9th stanine – the highest 4%	73% - 100%

Subject		Philosophy
Level		Extended
Stanine scores	1st stanine – the lowest 4%	0% - 2%
	2nd stanine –very low 7%	3% - 6%
	3rd stanine – low 12%	7% - 14%
	4th stanine – low medium17%	15% - 24%
	5th stanine – medium 20%	25% - 40%
	6th stanine – high medium 17%	41% - 54%
	7th stanine – high 12%	55% - 72%
	8th stanine – very high 7%	73% - 98%
	9th stanine – the highest 4%	99% - 100%

Subject		Information Technology
Level		Extended
Stanine scores	1st stanine – the lowest 4%	0%
	2nd stanine –very low 7%	1% - 4%
	3rd stanine – low 12%	5% - 12%
	4th stanine – low medium 17%	13% - 20%
	5th stanine – medium 20%	21% - 32%
	6th stanine – high medium 17%	33% - 50%
	7th stanine – high 12%	51% - 68%
	8th stanine – very high 7%	69% - 86%
	9th stanine – the highest 4%	87% - 100%