

Snapshot of students' engagement, drive and self-beliefs

- Countries/economies with values above the OECD average
 - Countries/economies with values not statistically significantly different from the OECD average
 - Countries/economies with values below the OECD average
- Values that are statistically significant are indicated in bold or with the symbol √.

Mean mathematics score	Engagement with and at school				Drive				Mathematics self-beliefs		
	Percentage of students who reported having skipped classes or days of school	Score-point difference that is associated with students skipping classes or days of school	Socio-economic disparities in sense of belonging among students of equal performance in mathematics	Openness to problem solving	Score-point difference per unit of the index of openness to problem solving	Gender gap in openness to problem solving among students of equal performance in mathematics	Socio-economic disparities in openness to problem solving among students of equal performance	Mathematics self-efficacy	Score-point difference per unit of the index of mathematics self-efficacy	Gender gap in mathematics self-efficacy among students of equal performance in mathematics	
	Mean score	Change in score	Dif. in mean index	Mean index	Change in score	Dif. in mean index	Dif. in mean index	Mean index	Change in score	Dif. in mean index	
OECD average	494	25	-37		31				49		
Shanghai-China	613	4	-33	√	30	√	√		53	√	
Singapore	573	23	-27		25	√	√		58	√	
Hong Kong-China	561	6	-67	√	29	√	√		50	√	
Chinese Taipei	560	13	-48	√	34	√	√		64	√	
Korea	554	4	-118	√	48	√	√		58	√	
Macao-China	538	9	-47	√	30	√	√		50	√	
Japan	536	4	-88	√	28	√	√		53	√	
Liechtenstein	535	5	-57	√	30	√	√		60	√	
Switzerland	531	13	-24	√	29	√	√		55	√	
Netherlands	523	12	-9	√	21	√	√		44	√	
Estonia	521	36	-38	√	32	√	√		49	√	
Finland	519	20	-36	√	41	√	√		49	√	
Canada	518	35	-29	√	37	√	√		47	√	
Poland	518	27	-31	√	26	√	√		56	√	
Belgium	515	11	-68	√	21	√	√		35	√	
Germany	514	12	-23	√	27	√	√		53	√	
Viet Nam	511	34	-22	√	25	√	√		66	√	
Austria	506	17	-14	√	32	√	√		48	√	
Australia	504	38	-40	√	42	√	√		55	√	
Ireland	501	14	-14	√	35	√	√		48	√	
Slovenia	501	30	-42	√	29	√	√		43	√	
Denmark	500	21	-35	√	34	√	√		50	√	
New Zealand	500	26	-77	√	42	√	√		56	√	
Czech Republic	499	11	-35	√	35	√	√		54	√	
France	495	21	-32	√	33	√	√		51	√	
United Kingdom	494	25	-35	√	41	√	√		54	√	
Iceland	493	12	-47	√	29	√	√		41	√	
Latvia	491	67	-12	√	30	√	√		49	√	
Luxembourg	490	11	-49	√	27	√	√		44	√	
Norway	489	15	-55	√	33	√	√		47	√	
Portugal	487	36	-32	√	31	√	√		60	√	
Italy	485	61	-31	√	23	√	√		53	√	
Spain	484	44	-35	√	32	√	√		47	√	
Russian Federation	482	38	-27	√	24	√	√		47	√	
Slovak Republic	482	16	-45	√	25	√	√		59	√	
United States	481	28	-24	√	30	√	√		50	√	
Lithuania	479	39	-42	√	35	√	√		48	√	
Sweden	478	23	-46	√	35	√	√		49	√	
Hungary	477	12	-65	√	28	√	√		54	√	
Croatia	471	29	-47	√	20	√	√		50	√	
Israel	466	47	-4	√	17	√	√		45	√	
Greece	453	48	-14	√	29	√	√		40	√	
Serbia	449	30	-23	√	15	√	√		38	√	
Turkey	448	65	10	√	18	√	√		45	√	
Romania	445	58	-20	√	14	√	√		33	√	
Bulgaria	439	39	-46	√	12	√	√		26	√	
United Arab Emirates	434	34	-13	√	15	√	√		33	√	
Kazakhstan	432	27	-24	√	9	√	√		22	√	
Thailand	427	11	-93	√	9	√	√		27	√	
Chile	423	20	-30	√	26	√	√		33	√	
Malaysia	421	43	-23	√	12	√	√		40	√	
Mexico	413	33	-10	√	22	√	√		28	√	
Montenegro	410	39	-14	√	5	√	√		25	√	
Uruguay	409	50	-28	√	20	√	√		33	√	
Costa Rica	407	57	-7	√	20	√	√		19	√	
Albania	394	25	10	m	0		m		1		
Brazil	391	30	-4	√	11	√	√		27	√	
Argentina	388	66	-24	√	13	√	√		19	√	
Tunisia	388	33	-21	√	15	√	√		27	√	
Jordan	386	57	-10	√	14	√	√		20	√	
Colombia	376	18	-5	√	6	√	√		14	√	
Qatar	376	29	-15	√	10	√	√		23	√	
Indonesia	375	30	-17	√	7	√	√		17	√	
Peru	368	20	-41	√	17	√	√		23	√	

Countries and economies are ranked in descending order of the mean mathematics score in PISA 2012.

Source: OECD, PISA 2012 Database; Tables I.2.3a, III.2.2c, III.3.2d, III.4.1d, III.5.2a, III.7.1b, III.7.2a, III.7.2b and III.7.3a.