



Annex B

PISA 2015 DATA

All tables in Annex B are available on line

Annex B1: Results for countries and economies

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Annex B2: Results for regions within countries

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Annex B3: List of tables and figures available on line

Note regarding B-S-J-G (China)

B-S-J-G (China) refers to the four PISA participating China provinces : Beijing, Shanghai, Jiangsu, Guangdong.

Note regarding CABA (Argentina)

CABA (Argentina) refers to the Ciudad Autónoma de Buenos Aires, Argentina.

Note regarding FYROM

FYROM refers to the Former Yugoslav Republic of Macedonia.

Notes regarding Cyprus

Note by Turkey: The information in this document with reference to “Cyprus” relates to the southern part of the Island. There is no single authority representing both Turkish and Greek Cypriot people on the Island. Turkey recognises the Turkish Republic of Northern Cyprus (TRNC). Until a lasting and equitable solution is found within the context of the United Nations, Turkey shall preserve its position concerning the “Cyprus issue”.

Note by all the European Union Member States of the OECD and the European Union: The Republic of Cyprus is recognised by all members of the United Nations with the exception of Turkey. The information in this document relates to the area under the effective control of the Government of the Republic of Cyprus.

A note regarding Israel

The statistical data for Israel are supplied by and under the responsibility of the relevant Israeli authorities. The use of such data by the OECD is without prejudice to the status of the Golan Heights, East Jerusalem and Israeli settlements in the West Bank under the terms of international law.

ANNEX B1

RESULTS FOR COUNTRIES AND ECONOMIES


[Part 1/1]

Table I.2.1a Percentage of students at each proficiency level in science

	All students															
	Below Level 1b (below 260.54 score points)		Level 1b (from 260.54 to less than 334.94 score points)		Level 1a (from 334.94 to less than 409.54 score points)		Level 2 (from 409.54 to less than 484.14 score points)		Level 3 (from 484.14 to less than 558.73 score points)		Level 4 (from 558.73 to less than 633.33 score points)		Level 5 (from 633.33 to less than 707.93 score points)		Level 6 (above 707.93 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD																
Australia	0.6	(0.1)	4.3	(0.3)	12.8	(0.5)	21.6	(0.5)	27.3	(0.5)	22.3	(0.5)	9.2	(0.4)	2.0	(0.2)
Austria	0.5	(0.2)	4.5	(0.5)	15.8	(0.8)	23.9	(0.8)	28.1	(0.8)	19.5	(0.8)	6.8	(0.5)	0.9	(0.2)
Belgium	0.5	(0.1)	4.9	(0.4)	14.4	(0.6)	21.9	(0.6)	26.8	(0.7)	22.5	(0.7)	8.0	(0.4)	1.0	(0.1)
Canada	0.1	(0.1)	1.8	(0.2)	9.1	(0.4)	20.2	(0.6)	30.3	(0.5)	26.1	(0.7)	10.4	(0.5)	2.0	(0.2)
Chile	1.0	(0.2)	8.9	(0.6)	25.0	(0.9)	31.0	(1.0)	23.8	(0.9)	9.1	(0.7)	1.2	(0.2)	0.0	(0.0)
Czech Republic	0.3	(0.1)	4.3	(0.5)	16.1	(0.8)	25.9	(0.8)	27.7	(0.9)	18.4	(0.7)	6.3	(0.4)	0.9	(0.2)
Denmark	0.3	(0.1)	3.0	(0.3)	12.5	(0.7)	25.9	(0.9)	31.1	(1.1)	20.2	(0.8)	6.1	(0.5)	0.9	(0.2)
Estonia	0.0	(0.0)	1.2	(0.2)	7.5	(0.6)	20.1	(0.7)	30.7	(0.9)	26.9	(0.9)	11.6	(0.7)	1.9	(0.3)
Finland	0.3	(0.1)	2.3	(0.3)	8.9	(0.6)	19.1	(0.7)	29.2	(0.8)	26.0	(0.8)	11.9	(0.6)	2.4	(0.3)
France	0.9	(0.2)	5.8	(0.5)	15.3	(0.6)	22.0	(0.9)	26.5	(0.8)	21.4	(0.8)	7.2	(0.5)	0.8	(0.1)
Germany	0.4	(0.1)	3.8	(0.4)	12.8	(0.7)	22.7	(0.8)	27.7	(0.8)	22.0	(0.8)	8.8	(0.6)	1.8	(0.2)
Greece	1.2	(0.3)	9.1	(1.0)	22.4	(1.1)	28.4	(1.1)	25.2	(1.1)	11.6	(0.9)	2.0	(0.3)	0.1	(0.1)
Hungary	0.8	(0.2)	6.8	(0.6)	18.4	(0.9)	25.5	(0.8)	27.3	(0.9)	16.6	(0.8)	4.3	(0.4)	0.3	(0.1)
Iceland	0.8	(0.2)	5.8	(0.5)	18.7	(0.9)	29.0	(1.0)	27.3	(0.9)	14.6	(0.8)	3.5	(0.4)	0.3	(0.1)
Ireland	0.3	(0.1)	2.7	(0.4)	12.4	(0.8)	26.4	(0.9)	31.1	(0.9)	20.1	(0.8)	6.3	(0.4)	0.8	(0.2)
Israel	2.1	(0.4)	9.5	(0.8)	19.9	(0.9)	24.4	(0.8)	23.3	(1.0)	15.0	(0.8)	5.1	(0.5)	0.7	(0.1)
Italy	0.6	(0.2)	5.4	(0.5)	17.2	(0.8)	27.1	(0.9)	28.6	(1.0)	17.0	(0.7)	3.8	(0.4)	0.2	(0.1)
Japan	0.2	(0.1)	1.7	(0.3)	7.7	(0.6)	18.1	(0.8)	28.2	(0.9)	28.8	(0.9)	12.9	(0.8)	2.4	(0.4)
Korea	0.4	(0.1)	2.9	(0.4)	11.1	(0.7)	21.7	(0.9)	29.2	(0.9)	24.0	(1.0)	9.2	(0.7)	1.4	(0.2)
Latvia	0.1	(0.1)	2.6	(0.3)	14.5	(0.7)	29.8	(0.8)	31.7	(0.8)	17.4	(0.8)	3.5	(0.4)	0.3	(0.1)
Luxembourg	0.5	(0.1)	6.4	(0.5)	18.9	(0.6)	24.8	(0.7)	25.1	(0.7)	17.3	(0.6)	6.0	(0.4)	0.9	(0.2)
Mexico	1.1	(0.3)	11.7	(0.7)	35.0	(1.0)	34.7	(0.9)	15.1	(0.9)	2.3	(0.3)	0.1	(0.1)	0.0	c
Netherlands	0.3	(0.1)	4.0	(0.5)	14.3	(0.7)	21.8	(0.9)	26.1	(0.9)	22.4	(0.8)	9.5	(0.5)	1.6	(0.2)
New Zealand	0.4	(0.1)	4.0	(0.4)	13.0	(0.8)	21.6	(0.8)	26.3	(0.8)	21.8	(0.8)	10.1	(0.6)	2.7	(0.4)
Norway	0.6	(0.1)	4.1	(0.4)	14.0	(0.7)	24.6	(0.8)	29.1	(0.8)	19.6	(0.8)	6.9	(0.5)	1.1	(0.2)
Poland	0.3	(0.1)	2.6	(0.4)	13.3	(0.7)	26.6	(0.9)	29.9	(0.9)	19.9	(0.8)	6.3	(0.5)	1.0	(0.2)
Portugal	0.2	(0.1)	3.2	(0.4)	14.0	(0.9)	25.4	(0.8)	28.8	(0.8)	21.0	(0.8)	6.7	(0.5)	0.7	(0.1)
Slovak Republic	2.1	(0.3)	8.9	(0.7)	19.7	(0.8)	27.6	(0.8)	24.8	(0.7)	13.3	(0.6)	3.3	(0.3)	0.3	(0.1)
Slovenia	0.2	(0.1)	2.8	(0.3)	11.9	(0.5)	23.3	(0.7)	29.1	(0.9)	22.1	(0.8)	9.1	(0.6)	1.5	(0.3)
Spain	0.3	(0.1)	3.7	(0.4)	14.3	(0.7)	26.5	(0.7)	31.3	(0.7)	18.9	(0.7)	4.7	(0.4)	0.3	(0.1)
Sweden	0.9	(0.2)	5.7	(0.5)	15.0	(0.9)	24.0	(0.9)	26.8	(0.9)	19.0	(0.9)	7.2	(0.6)	1.3	(0.2)
Switzerland	0.5	(0.2)	4.0	(0.5)	13.9	(0.8)	22.8	(0.8)	26.3	(1.1)	22.7	(1.0)	8.6	(0.6)	1.1	(0.2)
Turkey	1.1	(0.2)	11.8	(1.0)	31.6	(1.5)	31.3	(1.3)	19.1	(1.4)	4.8	(0.9)	0.3	(0.1)	0.0	(0.0)
United Kingdom	0.4	(0.1)	3.4	(0.3)	13.6	(0.7)	22.6	(0.7)	27.5	(0.7)	21.6	(0.7)	9.1	(0.6)	1.8	(0.2)
United States	0.5	(0.1)	4.3	(0.5)	15.5	(0.8)	25.5	(0.8)	26.6	(0.9)	19.1	(0.9)	7.3	(0.6)	1.2	(0.2)
EU total	0.6	(0.0)	4.7	(0.1)	15.3	(0.2)	24.6	(0.2)	27.6	(0.2)	19.6	(0.2)	6.6	(0.2)	1.0	(0.1)
OECD total	0.6	(0.1)	5.4	(0.2)	17.5	(0.3)	25.4	(0.3)	25.6	(0.3)	17.8	(0.3)	6.5	(0.2)	1.1	(0.1)
OECD average	0.6	(0.0)	4.9	(0.1)	15.7	(0.1)	24.8	(0.1)	27.2	(0.1)	19.0	(0.1)	6.7	(0.1)	1.1	(0.0)
Partners																
Albania	1.6	(0.3)	10.3	(0.8)	29.8	(1.2)	34.5	(1.0)	18.9	(1.3)	4.5	(0.6)	0.3	(0.1)	0.0	(0.0)
Algeria	3.9	(0.5)	24.1	(1.0)	42.8	(1.0)	22.7	(1.1)	5.6	(0.6)	0.9	(0.2)	0.0	(0.0)	0.0	c
Brazil	4.4	(0.3)	19.9	(0.6)	32.4	(0.6)	25.4	(0.6)	13.1	(0.6)	4.2	(0.4)	0.6	(0.1)	0.0	(0.0)
B-S-J-G (China)	0.6	(0.2)	3.8	(0.5)	11.8	(0.9)	20.7	(1.1)	25.8	(1.1)	23.8	(1.1)	11.5	(1.1)	2.1	(0.5)
Bulgaria	2.7	(0.4)	12.4	(1.0)	22.8	(1.1)	25.2	(1.1)	22.6	(1.2)	11.4	(0.9)	2.7	(0.4)	0.2	(0.1)
CABA (Argentina)	0.7	(0.3)	4.8	(0.9)	17.2	(1.8)	30.8	(1.9)	29.0	(1.9)	14.9	(1.8)	2.6	(0.7)	0.1	(0.1)
Colombia	1.7	(0.3)	14.5	(0.9)	32.8	(0.9)	30.6	(0.9)	15.9	(0.7)	4.1	(0.4)	0.3	(0.1)	0.0	(0.0)
Costa Rica	0.7	(0.2)	10.1	(0.6)	35.6	(1.0)	35.5	(0.8)	15.2	(0.9)	2.7	(0.4)	0.1	(0.1)	0.0	(0.0)
Croatia	0.4	(0.2)	5.1	(0.5)	19.2	(1.0)	29.5	(0.9)	27.5	(1.0)	14.4	(0.7)	3.6	(0.4)	0.4	(0.1)
Cyprus*	2.3	(0.3)	12.9	(0.6)	26.9	(0.8)	28.6	(0.8)	19.6	(0.7)	8.1	(0.4)	1.5	(0.2)	0.1	(0.1)
Dominican Republic	15.8	(1.0)	39.6	(1.3)	30.4	(1.3)	11.3	(0.8)	2.6	(0.5)	0.3	(0.1)	0.0	(0.0)	0.0	c
FYROM	6.8	(0.5)	22.3	(0.8)	33.8	(0.9)	24.6	(0.7)	10.3	(0.5)	2.0	(0.3)	0.2	(0.1)	0.0	(0.0)
Georgia	4.2	(0.4)	16.0	(0.9)	30.5	(1.1)	28.2	(1.0)	15.2	(0.7)	4.9	(0.5)	0.8	(0.2)	0.1	(0.1)
Hong Kong (China)	0.1	(0.1)	1.6	(0.3)	7.8	(0.6)	19.7	(0.9)	36.1	(0.9)	27.4	(1.1)	6.9	(0.6)	0.4	(0.1)
Indonesia	1.2	(0.4)	14.4	(1.1)	40.4	(1.5)	31.7	(1.3)	10.6	(0.8)	1.6	(0.3)	0.1	(0.1)	0.0	c
Jordan	4.2	(0.5)	15.2	(0.9)	30.4	(0.9)	30.9	(1.0)	16.1	(0.9)	3.1	(0.4)	0.2	(0.1)	0.0	c
Kosovo	4.0	(0.5)	24.4	(1.0)	39.3	(1.1)	24.4	(1.0)	7.2	(0.7)	0.7	(0.2)	0.0	(0.0)	0.0	c
Lebanon	6.8	(0.7)	23.6	(1.3)	32.3	(1.2)	22.0	(1.2)	11.6	(0.9)	3.3	(0.4)	0.4	(0.1)	0.0	(0.0)
Lithuania	0.5	(0.1)	5.4	(0.5)	18.9	(0.8)	29.7	(0.9)	26.3	(0.7)	15.1	(0.7)	3.9	(0.5)	0.3	(0.1)
Macao (China)	0.1	(0.1)	1.1	(0.2)	6.9	(0.4)	20.6	(0.7)	34.2	(0.9)	28.0	(0.7)	8.3	(0.5)	0.9	(0.2)
Malta	3.9	(0.4)	10.6	(0.7)	18.0	(0.9)	23.4	(0.8)	21.7	(0.9)	14.8	(0.9)	6.1	(0.4)	1.6	(0.3)
Moldova	2.3	(0.3)	11.8	(0.6)	28.2	(0.8)	31.5	(1.2)	19.7	(0.9)	5.9	(0.6)	0.7	(0.1)	0.0	(0.0)
Montenegro	3.1	(0.3)	15.8	(0.5)	32.1	(0.7)	29.0	(0.6)	15.1	(0.5)	4.4	(0.3)	0.5	(0.1)	0.0	(0.0)
Peru	2.8	(0.3)	19.0	(0.8)	36.7	(1.0)	27.9	(1.0)	11.5	(0.7)	2.0	(0.3)	0.1	(0.1)	0.0	c
Qatar	3.9	(0.2)	17.9	(0.5)	28.0	(0.6)	24.6	(0.5)	16.4	(0.5)	7.5	(0.3)	1.6	(0.1)	0.1	(0.0)
Romania	0.9	(0.2)	9.3	(0.9)	28.4	(1.4)	35.0	(1.4)	19.9	(1.0)	5.9	(0.7)	0.7	(0.2)	0.0	(0.0)
Russia	0.1	(0.1)	2.9	(0.4)	15.2	(1.0)	31.2	(0.9)	30.9	(0.9)	16.0	(0.9)	3.5	(0.4)	0.2	(0.1)
Singapore	0.2	(0.1)	2.0	(0.2)	7.5	(0.5)	15.1	(0.5)	23.4	(0.6)	27.7	(0.7)	18.6	(0.7)	5.6	(0.4)
Chinese Taipei	0.3	(0.1)	2.7	(0.3)	9.4	(0.6)	18.1	(0.6)	27.0	(0.9)	27.1	(0.8)	12.7	(0.8)	2.7	(0.5)
Thailand	1.1	(0.2)	11.9	(0.8)	33.7	(1.1)	32.2	(0.9)	16.0	(0.8)	4.6	(0.6)	0.4	(0.2)	0.0	(0.0)
Trinidad and Tobago	2.9	(0.5)	15.0	(0.7)	27.9	(0.9)	27.1	(0.8)	18.3	(0.7)	7.3	(0.5)	1.3	(0.2)	0.1	(0.1)
Tunisia	1.6	(0.3)	20.0	(1.1)	44.2	(1.1)	26.6	(1.1)	6.8	(0.6)	0.7	(0.3)	0.0	(0.0)	0.0	c
United Arab Emirates	2.6	(0.3)	13.0	(0.6)	26.1	(0.7)	26.9	(0.6)	19.0	(0.7)	9.5	(0.5)	2.5	(0.2)	0.2	(0.1)
Uruguay	1.2	(0.2)	11.2	(0.8)	28.4	(0.9)	30.3	(0.8)	20.3	(0.8)	7.4	(0.5)	1.2	(0.2)	0.1	(0.0)
Viet Nam	0.0	(0.0)	0.2	(0.1)	5.7	(0.7)	25.3	(1.4)	36.6	(1.2)	23.9	(1.2)	7.1	(0.8)	1.2	(0.5)
Argentina**	1.4	(0.3)	10.1	(0.8)	28.2	(1.0)	34.2	(1.0)	20.1	(1.1)	5.3	(0.5)	0.7	(0.2)	0.0	(0.0)
Kazakhstan**	0.2	(0.1)	4.1	(0.6)	23.8	(1.3)	38.2	(1.2)	23.9	(1.3)	8.1	(0.9)	1.7	(0.5)	0.1	(0.1)
Malaysia**	0.5	(0.1)	7.3	(0.7)	25.9	(1.2)	36.4	(1.0)	23.6	(1.1)	5.8	(0.6)	0.6	(0.2)	0.0	(0.0)

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/2]

Table 1.2.2a Percentage of low achievers and top performers in science, 2006 through 2015

	Proficiency levels in PISA 2006				Proficiency levels in PISA 2009				Proficiency levels in PISA 2012				Proficiency levels in PISA 2015					
	Below Level 2 (less than 409.54 score points)		Level 5 or above (above 633.33 score points)		Below Level 2 (less than 409.54 score points)		Level 5 or above (above 633.33 score points)		Below Level 2 (less than 409.54 score points)		Level 5 or above (above 633.33 score points)		Below Level 2 (less than 409.54 score points)		Level 5 or above (above 633.33 score points)			
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.		
OECD																		
Australia	12.9	(0.6)	14.6	(0.7)	12.6	(0.6)	14.5	(0.8)	13.6	(0.5)	13.6	(0.5)	17.6	(0.6)	11.2	(0.5)		
Austria	16.3	(1.4)	10.0	(0.8)	m	m	m	m	15.8	(1.0)	7.9	(0.7)	20.8	(1.0)	7.7	(0.5)		
Belgium	17.0	(1.0)	10.1	(0.5)	18.0	(0.8)	10.1	(0.7)	17.7	(0.9)	9.1	(0.4)	19.8	(0.9)	9.0	(0.4)		
Canada	10.0	(0.6)	14.4	(0.5)	9.6	(0.5)	12.1	(0.5)	10.4	(0.5)	11.3	(0.5)	11.1	(0.5)	12.4	(0.6)		
Chile	39.7	(2.1)	1.9	(0.3)	32.3	(1.4)	1.1	(0.2)	34.5	(1.6)	1.0	(0.2)	34.8	(1.2)	1.2	(0.2)		
Czech Republic	15.5	(1.2)	11.6	(0.9)	17.3	(1.2)	8.4	(0.7)	13.8	(1.1)	7.6	(0.6)	20.7	(1.0)	7.3	(0.5)		
Denmark	18.4	(1.1)	6.8	(0.7)	16.6	(0.8)	6.7	(0.6)	16.7	(1.0)	6.8	(0.7)	15.9	(0.8)	7.0	(0.6)		
Estonia	7.7	(0.6)	11.5	(0.8)	8.3	(0.8)	10.4	(0.8)	5.0	(0.5)	12.8	(0.7)	8.8	(0.7)	13.5	(0.7)		
Finland	4.1	(0.5)	20.9	(0.8)	6.0	(0.5)	18.7	(0.9)	7.7	(0.6)	17.1	(0.7)	11.5	(0.7)	14.3	(0.6)		
France	21.2	(1.4)	8.0	(0.7)	19.3	(1.3)	8.1	(0.8)	18.7	(1.0)	7.9	(0.8)	22.1	(0.9)	8.0	(0.5)		
Germany	15.4	(1.3)	11.8	(0.7)	14.8	(1.0)	12.8	(0.8)	12.2	(0.9)	12.2	(1.0)	17.0	(1.0)	10.6	(0.6)		
Greece	24.0	(1.3)	3.4	(0.4)	25.3	(1.6)	3.1	(0.4)	25.5	(1.5)	2.5	(0.4)	32.7	(1.9)	2.1	(0.3)		
Hungary	15.0	(1.0)	6.9	(0.6)	14.1	(1.4)	5.4	(0.6)	18.0	(1.1)	5.9	(0.8)	26.0	(1.0)	4.6	(0.5)		
Iceland	20.6	(0.8)	6.3	(0.5)	17.9	(0.7)	7.0	(0.4)	24.0	(0.8)	5.2	(0.6)	25.3	(0.9)	3.8	(0.4)		
Ireland	15.5	(1.1)	9.4	(0.7)	15.2	(1.1)	8.7	(0.8)	11.1	(0.9)	10.7	(0.6)	15.3	(1.0)	7.1	(0.5)		
Israel	36.1	(1.4)	5.2	(0.6)	33.1	(1.2)	3.9	(0.4)	28.9	(1.7)	5.8	(0.6)	31.4	(1.4)	5.8	(0.5)		
Italy	25.3	(0.9)	4.6	(0.3)	20.6	(0.6)	5.8	(0.3)	18.7	(0.7)	6.1	(0.4)	23.2	(1.0)	4.1	(0.4)		
Japan	12.0	(1.0)	15.1	(0.8)	10.7	(1.0)	16.9	(0.9)	8.5	(0.9)	18.2	(1.2)	9.6	(0.7)	15.3	(1.0)		
Korea	11.2	(1.1)	10.3	(1.1)	6.3	(0.8)	11.6	(1.1)	6.6	(0.8)	11.7	(1.1)	14.4	(0.9)	10.6	(0.8)		
Latvia	17.4	(1.2)	4.1	(0.4)	14.7	(1.2)	3.1	(0.5)	12.4	(1.0)	4.4	(0.5)	17.2	(0.8)	3.8	(0.4)		
Luxembourg	22.1	(0.5)	5.9	(0.4)	23.7	(0.8)	6.7	(0.5)	22.2	(0.6)	8.2	(0.5)	25.9	(0.7)	6.9	(0.4)		
Mexico	50.9	(1.4)	0.3	(0.1)	47.4	(1.0)	0.2	(0.0)	47.0	(0.8)	0.1	(0.0)	47.8	(1.3)	0.1	(0.1)		
Netherlands	13.0	(1.0)	13.1	(0.9)	13.2	(1.6)	12.7	(1.2)	13.1	(1.1)	11.8	(1.1)	18.5	(1.0)	11.1	(0.6)		
New Zealand	13.7	(0.7)	17.6	(0.8)	13.4	(0.7)	17.6	(0.8)	16.3	(0.9)	13.4	(0.7)	17.4	(0.9)	12.8	(0.7)		
Norway	21.1	(1.3)	6.1	(0.5)	15.8	(0.9)	6.4	(0.6)	19.6	(1.1)	7.5	(0.6)	18.7	(0.8)	8.0	(0.5)		
Poland	17.0	(0.8)	6.8	(0.5)	13.1	(0.8)	7.5	(0.5)	9.0	(0.7)	10.8	(1.0)	16.3	(0.8)	7.3	(0.6)		
Portugal	24.5	(1.4)	3.1	(0.4)	16.5	(1.1)	4.2	(0.5)	19.0	(1.4)	4.5	(0.5)	17.4	(0.9)	7.4	(0.5)		
Slovak Republic	20.2	(1.0)	5.8	(0.5)	19.3	(1.2)	6.2	(0.6)	26.9	(1.6)	4.9	(0.7)	30.7	(1.1)	3.6	(0.4)		
Slovenia	13.9	(0.6)	12.9	(0.6)	14.8	(0.5)	9.9	(0.6)	12.9	(0.6)	9.6	(0.7)	15.0	(0.5)	10.6	(0.6)		
Spain	19.6	(0.9)	4.9	(0.4)	18.2	(0.9)	4.0	(0.3)	15.7	(0.7)	4.8	(0.3)	18.3	(0.8)	5.0	(0.4)		
Sweden	16.4	(0.8)	7.9	(0.5)	19.1	(1.0)	8.1	(0.6)	22.2	(1.1)	6.3	(0.5)	21.6	(1.1)	8.5	(0.7)		
Switzerland	16.1	(0.9)	10.5	(0.8)	14.0	(0.8)	10.7	(0.9)	12.8	(0.7)	9.3	(0.8)	18.5	(1.1)	9.8	(0.6)		
Turkey	46.6	(1.6)	0.9	(0.3)	30.0	(1.5)	1.1	(0.3)	26.4	(1.5)	1.8	(0.4)	44.5	(2.1)	0.3	(0.1)		
United Kingdom	16.7	(0.8)	13.7	(0.6)	15.0	(0.8)	11.4	(0.7)	15.0	(1.1)	11.2	(0.8)	17.4	(0.8)	10.9	(0.7)		
United States	24.4	(1.6)	9.1	(0.7)	18.1	(1.1)	9.2	(1.0)	18.1	(1.3)	7.5	(0.7)	20.3	(1.1)	8.5	(0.6)		
OECD average-34	19.9	(0.2)	8.7	(0.1)	17.8	(0.2)	8.4	(0.1)	17.7	(0.2)	8.3	(0.1)	21.3	(0.2)	7.7	(0.1)		
OECD average-35	19.8	(0.2)	8.7	(0.1)	m	m	m	m	17.6	(0.2)	8.3	(0.1)	21.2	(0.2)	7.7	(0.1)		
Partners																		
Albania	m	m	m	m	57.3	(2.0)	0.1	(0.1)	53.1	(1.2)	0.4	(0.1)	41.7	(1.7)	0.4	(0.2)		
Algeria	m	m	m	m	m	m	m	m	m	m	m	m	70.8	(1.4)	0.0	(0.0)		
Brazil	61.0	(1.4)	0.6	(0.2)	54.2	(1.3)	0.6	(0.1)	55.2	(1.1)	0.3	(0.1)	56.6	(1.1)	0.7	(0.1)		
B-S-J-G (China)	m	m	m	m	m	m	m	m	m	m	m	m	16.2	(1.3)	13.6	(1.4)		
Bulgaria	42.6	(2.4)	3.1	(0.6)	38.8	(2.5)	2.6	(0.5)	36.9	(2.0)	3.1	(0.6)	37.9	(1.9)	2.9	(0.4)		
CABA (Argentina)	m	m	m	m	m	m	m	m	40.8	(3.0)	1.5	(0.5)	22.7	(2.4)	2.7	(0.8)		
Colombia	60.2	(1.8)	0.2	(0.1)	54.1	(1.9)	0.1	(0.1)	56.2	(1.6)	0.1	(0.1)	49.0	(1.3)	0.4	(0.1)		
Costa Rica	m	m	m	m	39.0	(1.5)	0.3	(0.1)	39.3	(1.7)	0.2	(0.1)	46.4	(1.2)	0.1	(0.1)		
Croatia	17.0	(0.9)	5.1	(0.5)	18.5	(1.1)	3.7	(0.6)	17.3	(0.9)	4.6	(0.8)	24.6	(1.2)	3.9	(0.4)		
Cyprus*	m	m	m	m	m	m	m	m	38.0	(0.7)	2.0	(0.3)	42.1	(0.8)	1.6	(0.2)		
Dominican Republic	m	m	m	m	m	m	m	m	m	m	m	m	85.7	(1.1)	0.0	(0.0)		
FYROM	m	m	m	m	m	m	m	m	m	m	m	m	62.9	(0.8)	0.2	(0.1)		
Georgia	m	m	m	m	65.6	(1.3)	0.2	(0.1)	m	m	m	m	50.8	(1.3)	0.9	(0.2)		
Hong Kong (China)	8.7	(0.8)	15.9	(0.9)	6.6	(0.7)	16.2	(1.0)	5.6	(0.6)	16.7	(1.0)	9.4	(0.7)	7.4	(0.6)		
Indonesia	61.6	(3.4)	0.0	(0.0)	65.6	(2.3)	0.0	(0.0)	66.6	(2.2)	0.0	(0.0)	56.0	(1.6)	0.1	(0.1)		
Jordan	44.3	(1.2)	0.6	(0.2)	45.6	(1.7)	0.5	(0.2)	49.6	(1.5)	0.2	(0.2)	49.8	(1.4)	0.2	(0.1)		
Kosovo	m	m	m	m	m	m	m	m	m	m	m	m	67.7	(1.1)	0.0	(0.0)		
Lebanon	m	m	m	m	m	m	m	m	m	m	m	m	62.6	(1.7)	0.4	(0.1)		
Lithuania	20.3	(1.0)	5.0	(0.7)	17.0	(1.1)	4.6	(0.5)	16.1	(1.1)	5.1	(0.5)	24.7	(1.1)	4.2	(0.5)		
Macao (China)	10.3	(0.5)	5.3	(0.4)	9.6	(0.4)	4.8	(0.5)	8.8	(0.5)	6.7	(0.4)	8.1	(0.4)	9.2	(0.5)		
Malta	m	m	m	m	32.5	(0.8)	6.0	(0.6)	m	m	m	m	32.5	(0.8)	7.6	(0.5)		
Moldova	m	m	m	m	47.3	(1.5)	0.2	(0.1)	m	m	m	m	42.2	(1.1)	0.7	(0.2)		
Montenegro	50.2	(0.9)	0.3	(0.1)	53.6	(1.0)	0.2	(0.1)	50.7	(0.7)	0.4	(0.1)	51.0	(0.7)	0.5	(0.1)		
Peru	m	m	m	m	68.3	(1.7)	0.2	(0.1)	68.5	(2.0)	0.0	(0.1)	58.5	(1.4)	0.1	(0.1)		
Qatar	79.1	(0.4)	0.3	(0.1)	65.2	(0.6)	1.4	(0.1)	62.6	(0.5)	1.5	(0.1)	49.8	(0.5)	1.7	(0.2)		
Romania	46.9	(2.4)	0.5	(0.1)	41.4	(2.1)	0.4	(0.1)	37.3	(1.6)	0.9	(0.3)	38.5	(1.8)	0.7	(0.2)		
Russia	22.2	(1.4)	4.2	(0.5)	22.0	(1.4)	4.4	(0.5)	18.8	(1.1)	4.3	(0.6)	18.2	(1.1)	3.7	(0.4)		
Singapore	m	m	m	m	11.5	(0.5)	19.9	(0.6)	9.6	(0.5)	22.7	(0.8)	9.6	(0.4)	24.2	(0.6)		
Chinese Taipei	11.6	(1.0)	14.6	(0.9)	11.1	(0.7)	8.8	(0.9)	9.8	(0.8)	8.3	(0.6)	12.4	(0.8)	15.4	(1.1)		
Thailand	46.1	(1.2)	0.4	(0.1)	42.8	(1.6)	0.6	(0.3)	33.6	(1.6)	0.9	(0.3)	46.7	(1.5)	0.5	(0.2)		
Trinidad and Tobago	m	m	m	m	49.9	(0.7)	1.9	(0.2)	m	m	m	m	45.8	(0.8)	1.4	(0.2)		
Tunisia	62.8	(1.4)	0.1	(0.1)	53.7	(1.4)	0.2	(0.1)	55.3	(1.9)	0.1	(0.1)	65.9	(1.3)	0.0	(0.0)		
United Arab Emirates	m	m	m	m	m	m	m	m	35.2	(1.3)	2.5	(0.3)	41.8	(1.1)	2.8	(0.2)		
Uruguay	42.1	(1.4)	1.4	(0.2)	42.6	(1.1)	1.5	(0.2)	46.9	(1.3)	1.0	(0.2)	40.8	(1.1)	1.3	(0.2)		
Viet Nam	m	m	m	m	m	m	m	m	6.7	(1.1)	8.1	(1.1)	5.9	(0.8)	8.3	(1.2)		
Argentina**	56.3	(2.5)	0.4	(0.1)	52.4	(1.9)	0.7	(0.2)	50.9	(2.2)	0.2	(0.1)	39.7	(1.5)	0.7	(0.2)		
Kazakhstan**	m	m	m	m</														

[Part 2/2]

Table 1.2.2a Percentage of low achievers and top performers in science, 2006 through 2015


	Change between 2006 and 2015 (PISA 2015 - PISA 2006)				Change between 2009 and 2015 (PISA 2015 - PISA 2009)				Change between 2012 and 2015 (PISA 2015 - PISA 2012)			
	Below Level 2 (less than 409.54 score points)		Level 5 or above (above 633.33 score points)		Below Level 2 (less than 409.54 score points)		Level 5 or above (above 633.33 score points)		Below Level 2 (less than 409.54 score points)		Level 5 or above (above 633.33 score points)	
	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.
OECD												
Australia	4.8	(1.4)	-3.4	(1.2)	5.1	(1.4)	-3.4	(1.3)	4.0	(1.1)	-2.4	(1.0)
Austria	4.5	(2.5)	-2.3	(1.1)	m	m	m	m	5.0	(2.0)	-0.1	(1.0)
Belgium	2.7	(2.0)	-1.1	(1.1)	1.7	(1.9)	-1.1	(1.2)	2.1	(1.7)	-0.1	(0.9)
Canada	1.1	(1.0)	-2.1	(1.8)	1.5	(1.0)	0.3	(1.8)	0.7	(0.9)	1.1	(1.5)
Chile	-4.9	(4.3)	-0.7	(0.4)	2.6	(4.1)	0.2	(0.3)	0.3	(3.4)	0.2	(0.2)
Czech Republic	5.1	(2.5)	-4.3	(1.2)	3.3	(2.5)	-1.1	(1.1)	6.9	(2.2)	-0.3	(0.9)
Denmark	-2.6	(2.0)	0.2	(1.1)	-0.7	(1.8)	0.3	(1.0)	-0.8	(1.6)	0.3	(1.0)
Estonia	1.1	(1.2)	2.0	(2.0)	0.5	(1.3)	3.1	(2.0)	3.7	(1.0)	0.7	(1.6)
Finland	7.4	(1.2)	-6.6	(2.1)	5.4	(1.2)	-4.4	(2.1)	3.8	(1.1)	-2.7	(1.7)
France	0.9	(2.3)	0.0	(1.0)	2.8	(2.3)	-0.1	(1.1)	3.3	(1.9)	0.1	(1.0)
Germany	1.6	(2.0)	-1.2	(1.1)	2.2	(1.8)	-2.2	(1.2)	4.8	(1.6)	-1.6	(1.2)
Greece	8.7	(3.6)	-1.3	(0.5)	7.4	(3.8)	-0.9	(0.5)	7.2	(3.2)	-0.4	(0.5)
Hungary	11.0	(2.5)	-2.3	(0.8)	11.9	(2.7)	-0.8	(0.8)	8.0	(2.2)	-1.3	(0.9)
Iceland	4.8	(2.5)	-2.6	(0.7)	7.4	(2.4)	-3.2	(0.7)	1.3	(2.0)	-1.5	(0.8)
Ireland	-0.2	(2.2)	-2.4	(1.0)	0.2	(2.2)	-1.7	(1.0)	4.2	(1.8)	-3.7	(0.8)
Israel	-4.7	(3.1)	0.6	(0.8)	-1.7	(3.0)	1.9	(0.7)	2.5	(2.9)	0.0	(0.8)
Italy	-2.0	(2.5)	-0.5	(0.6)	2.6	(2.5)	-1.7	(0.6)	4.5	(2.1)	-2.0	(0.6)
Japan	-2.4	(1.3)	0.3	(2.3)	-1.1	(1.4)	-1.6	(2.4)	1.2	(1.2)	-2.9	(2.2)
Korea	3.1	(1.7)	0.3	(1.6)	8.0	(1.6)	-1.0	(1.6)	7.8	(1.4)	-1.1	(1.6)
Latvia	-0.2	(2.0)	-0.3	(0.6)	2.5	(2.0)	0.7	(0.6)	4.9	(1.6)	-0.6	(0.7)
Luxembourg	3.8	(2.0)	1.0	(0.7)	2.2	(2.1)	0.2	(0.8)	3.6	(1.7)	-1.3	(0.8)
Mexico	-3.2	(7.3)	-0.2	(0.1)	0.4	(7.2)	-0.1	(0.1)	0.8	(5.6)	0.0	(0.1)
Netherlands	5.6	(2.1)	-2.0	(1.4)	5.4	(2.4)	-1.6	(1.6)	5.4	(1.9)	-0.7	(1.4)
New Zealand	3.7	(1.7)	-4.8	(1.4)	4.1	(1.7)	-4.8	(1.5)	1.2	(1.6)	-0.5	(1.3)
Norway	-2.4	(2.3)	1.9	(1.0)	2.9	(2.1)	1.6	(1.1)	-0.9	(1.9)	0.4	(1.0)
Poland	-0.7	(2.3)	0.6	(1.0)	3.1	(2.3)	-0.2	(1.0)	7.2	(1.9)	-3.5	(1.3)
Portugal	-7.1	(2.4)	4.3	(0.9)	0.9	(2.2)	3.3	(1.0)	-1.6	(2.1)	2.9	(0.9)
Slovak Republic	10.5	(2.5)	-2.2	(0.7)	11.4	(2.6)	-2.6	(0.7)	3.9	(2.5)	-1.3	(0.8)
Slovenia	1.1	(1.4)	-2.3	(1.1)	0.2	(1.3)	0.7	(1.2)	2.1	(1.1)	1.0	(1.1)
Spain	-1.4	(2.1)	0.1	(0.7)	0.1	(2.1)	1.0	(0.6)	2.6	(1.7)	0.2	(0.6)
Sweden	5.3	(2.2)	0.6	(1.1)	2.5	(2.3)	0.4	(1.1)	-0.6	(2.0)	2.2	(1.0)
Switzerland	2.4	(2.0)	-0.7	(1.6)	4.4	(2.0)	-1.0	(1.6)	5.6	(1.7)	0.5	(1.3)
Turkey	-2.1	(5.4)	-0.6	(0.4)	14.5	(5.4)	-0.8	(0.3)	18.1	(4.4)	-1.5	(0.4)
United Kingdom	0.7	(1.8)	-2.9	(1.2)	2.4	(1.8)	-0.5	(1.3)	2.4	(1.7)	-0.3	(1.2)
United States	-4.1	(2.5)	-0.6	(1.3)	2.2	(2.3)	-0.7	(1.4)	2.2	(2.1)	1.1	(1.2)
OECD average-34	1.4	(1.8)	-1.0	(0.6)	3.5	(1.8)	-0.6	(0.6)	3.6	(1.4)	-0.6	(0.5)
OECD average-35	1.5	(1.8)	-1.0	(0.6)	m	m	m	m	3.6	(1.4)	-0.5	(0.5)
Partners												
Albania	m	m	m	m	-15.6	(6.1)	0.3	(0.2)	-11.4	(4.7)	-0.1	(0.2)
Algeria	m	m	m	m	m	m	m	m	m	m	m	m
Brazil	-4.4	(4.3)	0.1	(0.3)	2.4	(4.3)	0.1	(0.2)	1.4	(3.4)	0.4	(0.2)
B-S-J-G (China)	m	m	m	m	m	m	m	m	m	m	m	m
Bulgaria	-4.8	(3.9)	-0.2	(0.8)	-1.0	(3.9)	0.2	(0.7)	1.0	(3.3)	-0.2	(0.7)
CABA (Argentina)	m	m	m	m	m	m	m	m	-18.1	(4.3)	1.2	(0.9)
Colombia	-11.2	(5.2)	0.2	(0.1)	-5.1	(5.3)	0.2	(0.1)	-7.1	(4.2)	0.2	(0.1)
Costa Rica	m	m	m	m	7.3	(6.9)	-0.2	(0.1)	7.0	(5.4)	-0.1	(0.1)
Croatia	7.7	(3.5)	-1.2	(0.6)	6.2	(3.6)	0.2	(0.8)	7.4	(2.9)	-0.6	(0.9)
Cyprus*	m	m	m	m	m	m	m	m	4.1	(2.9)	-0.4	(0.4)
Dominican Republic	m	m	m	m	m	m	m	m	m	m	m	m
FYROM	m	m	m	m	m	m	m	m	m	m	m	m
Georgia	m	m	m	m	-14.8	(4.8)	0.6	(0.2)	m	m	m	m
Hong Kong (China)	0.7	(1.3)	-8.6	(1.5)	2.8	(1.3)	-8.8	(1.6)	3.9	(1.1)	-9.3	(1.5)
Indonesia	-5.7	(8.2)	0.1	(0.1)	-9.6	(7.9)	0.1	(0.1)	-10.6	(6.2)	0.1	(0.1)
Jordan	5.4	(4.9)	-0.5	(0.2)	4.1	(5.1)	-0.3	(0.2)	0.2	(4.1)	-0.1	(0.2)
Kosovo	m	m	m	m	m	m	m	m	m	m	m	m
Lebanon	m	m	m	m	m	m	m	m	m	m	m	m
Lithuania	4.4	(3.0)	-0.8	(0.9)	7.7	(3.1)	-0.4	(0.7)	8.7	(2.6)	-0.9	(0.7)
Macao (China)	-2.2	(0.9)	3.9	(1.4)	-1.6	(0.9)	4.4	(1.5)	-0.7	(0.8)	2.5	(1.2)
Malta	m	m	m	m	0.0	(2.2)	1.7	(0.9)	m	m	m	m
Moldova	m	m	m	m	-5.1	(5.2)	0.5	(0.2)	m	m	m	m
Montenegro	0.8	(4.7)	0.2	(0.2)	-2.5	(4.7)	0.2	(0.2)	0.3	(3.7)	0.1	(0.2)
Peru	m	m	m	m	-9.8	(4.7)	-0.1	(0.1)	-10.0	(3.9)	0.1	(0.1)
Qatar	-29.3	(3.0)	1.4	(0.2)	-15.4	(3.1)	0.3	(0.2)	-12.8	(2.4)	0.2	(0.2)
Romania	-8.4	(5.1)	0.2	(0.2)	-2.8	(5.0)	0.3	(0.2)	1.2	(4.0)	-0.2	(0.3)
Russia	-4.0	(3.0)	-0.4	(0.7)	-3.8	(3.0)	-0.6	(0.7)	-0.6	(2.4)	-0.5	(0.7)
Singapore	m	m	m	m	-1.9	(0.9)	4.3	(3.0)	0.0	(0.8)	1.5	(2.4)
Chinese Taipei	0.8	(1.5)	0.7	(2.4)	1.4	(1.3)	6.6	(2.4)	2.6	(1.3)	7.0	(2.0)
Thailand	0.7	(6.2)	0.1	(0.2)	3.9	(6.3)	-0.2	(0.3)	13.1	(5.1)	-0.5	(0.3)
Trinidad and Tobago	m	m	m	m	-4.1	(3.6)	-0.5	(0.3)	m	m	m	m
Tunisia	3.1	(6.2)	-0.1	(0.1)	12.2	(6.2)	-0.1	(0.1)	10.6	(5.1)	-0.1	(0.1)
United Arab Emirates	m	m	m	m	m	m	m	m	6.6	(2.9)	0.3	(0.3)
Uruguay	-1.4	(4.6)	-0.2	(0.3)	-1.8	(4.5)	-0.2	(0.3)	-6.1	(3.7)	0.2	(0.3)
Viet Nam	m	m	m	m	m	m	m	m	-0.8	(1.5)	0.1	(1.7)
Argentina**	-16.5	(4.9)	0.3	(0.2)	-12.7	(4.6)	0.1	(0.3)	-11.1	(4.0)	0.5	(0.2)
Kazakhstan**	m	m	m	m	-27.3	(6.7)	1.5	(0.6)	-13.9	(5.5)	1.6	(0.6)
Malaysia**	m	m	m	m	-9.3	(5.2)	0.4	(0.2)	-11.8	(4.2)	0.2	(0.2)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

For Costa Rica, Georgia, Malta and Moldova, the change between the PISA 2009 and PISA 2015 represents change between 2010 and 2015 because these countries implemented the PISA 2009 assessment in 2010 as part of PISA 2009+.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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Table I.2.3 Mean score and variation in science performance

	Mean score		Standard deviation		Percentiles														
					5th		10th		25th		Median (50th)		75th		90th		95th		
	Mean	S.E.	S.D.	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	
OECD																			
Australia	510	(1.5)	102	(0.9)	336	(2.6)	372	(2.5)	438	(2.2)	515	(1.8)	583	(1.9)	639	(2.2)	672	(2.8)	
Austria	495	(2.4)	97	(1.3)	335	(3.8)	365	(3.4)	424	(3.6)	498	(2.9)	565	(2.8)	621	(3.0)	652	(3.6)	
Belgium	502	(2.3)	100	(1.2)	332	(3.4)	364	(3.8)	429	(3.5)	508	(2.9)	577	(2.2)	629	(2.1)	657	(2.2)	
Canada	528	(2.1)	92	(0.9)	369	(3.3)	404	(2.9)	465	(2.5)	531	(2.5)	593	(2.2)	644	(2.6)	674	(2.7)	
Chile	447	(2.4)	86	(1.3)	308	(3.1)	336	(2.7)	385	(3.0)	445	(3.2)	509	(3.2)	560	(3.3)	589	(3.4)	
Czech Republic	493	(2.3)	95	(1.4)	338	(4.1)	367	(3.7)	424	(3.4)	493	(3.0)	561	(2.5)	618	(3.1)	650	(3.8)	
Denmark	502	(2.4)	90	(1.1)	351	(3.8)	383	(3.6)	440	(3.1)	504	(2.8)	565	(2.8)	617	(3.2)	648	(4.0)	
Estonia	534	(2.1)	89	(1.1)	384	(4.3)	416	(3.3)	473	(2.7)	537	(2.4)	597	(2.7)	648	(2.9)	677	(3.7)	
Finland	531	(2.4)	96	(1.3)	364	(4.6)	402	(4.2)	466	(3.5)	535	(2.9)	599	(2.5)	651	(2.7)	681	(3.5)	
France	495	(2.1)	102	(1.4)	322	(4.1)	355	(3.7)	421	(3.4)	501	(2.5)	571	(2.4)	623	(2.8)	652	(3.3)	
Germany	509	(2.7)	99	(1.5)	342	(4.4)	376	(4.3)	439	(3.6)	512	(3.3)	580	(2.8)	636	(2.9)	669	(3.8)	
Greece	455	(3.9)	92	(1.8)	305	(5.7)	333	(5.6)	388	(5.2)	456	(4.5)	522	(3.8)	575	(4.1)	604	(4.5)	
Hungary	477	(2.4)	96	(1.6)	319	(4.0)	347	(4.1)	406	(3.5)	480	(3.3)	547	(3.0)	601	(3.5)	630	(3.7)	
Iceland	473	(1.7)	91	(1.2)	324	(3.5)	354	(3.1)	408	(2.9)	474	(2.5)	538	(2.3)	593	(3.3)	622	(3.9)	
Ireland	503	(2.4)	89	(1.3)	356	(5.0)	387	(3.9)	441	(3.2)	503	(2.9)	565	(2.5)	618	(2.5)	648	(3.2)	
Israel	467	(3.4)	106	(1.6)	295	(4.9)	327	(4.6)	389	(4.4)	466	(4.6)	544	(4.1)	606	(3.7)	640	(3.5)	
Italy	481	(2.5)	91	(1.4)	328	(4.1)	359	(3.8)	415	(3.2)	483	(3.5)	547	(2.8)	599	(2.8)	626	(3.3)	
Japan	538	(3.0)	93	(1.6)	375	(5.3)	412	(4.4)	475	(3.9)	545	(3.4)	605	(3.2)	655	(4.0)	683	(4.7)	
Korea	516	(3.1)	95	(1.5)	352	(4.7)	388	(4.5)	451	(3.8)	520	(3.7)	584	(3.3)	636	(3.7)	665	(3.9)	
Latvia	490	(1.6)	82	(1.1)	355	(3.3)	382	(3.0)	432	(2.4)	491	(2.2)	548	(2.0)	596	(2.2)	623	(3.3)	
Luxembourg	483	(1.1)	100	(1.1)	323	(2.9)	351	(2.6)	407	(2.2)	482	(1.7)	556	(1.7)	615	(2.3)	649	(3.1)	
Mexico	416	(2.1)	71	(1.1)	301	(3.2)	325	(2.5)	366	(2.2)	414	(2.4)	464	(2.8)	510	(3.1)	535	(3.4)	
Netherlands	509	(2.3)	101	(1.5)	341	(4.0)	372	(4.3)	434	(3.9)	512	(2.9)	583	(2.5)	638	(2.9)	668	(3.6)	
New Zealand	513	(2.4)	104	(1.4)	341	(3.5)	374	(3.8)	439	(3.8)	516	(3.0)	588	(2.8)	647	(3.5)	682	(3.8)	
Norway	498	(2.3)	96	(1.3)	338	(3.8)	370	(3.3)	432	(3.0)	501	(2.7)	566	(2.9)	622	(3.3)	655	(3.9)	
Poland	501	(2.5)	91	(1.3)	354	(4.3)	384	(3.4)	437	(2.9)	502	(3.0)	565	(3.1)	619	(3.5)	650	(4.0)	
Portugal	501	(2.4)	92	(1.1)	349	(3.8)	379	(3.2)	435	(3.4)	503	(3.3)	568	(2.7)	620	(3.1)	649	(3.1)	
Slovak Republic	461	(2.6)	99	(1.5)	296	(5.3)	329	(4.6)	391	(3.6)	463	(2.9)	532	(2.8)	588	(3.2)	621	(3.7)	
Slovenia	513	(1.3)	95	(1.1)	354	(3.1)	386	(2.6)	445	(2.1)	515	(1.8)	581	(2.1)	636	(3.0)	667	(3.6)	
Spain	493	(2.1)	88	(1.1)	344	(4.0)	374	(3.5)	432	(2.9)	496	(2.4)	556	(2.4)	605	(2.4)	633	(2.9)	
Sweden	493	(3.6)	102	(1.4)	322	(4.7)	357	(4.6)	421	(4.2)	496	(4.1)	567	(4.2)	625	(4.0)	658	(4.4)	
Switzerland	506	(2.9)	100	(1.5)	339	(4.7)	373	(4.1)	433	(4.3)	509	(3.5)	580	(3.3)	632	(2.9)	662	(3.3)	
Turkey	425	(3.9)	79	(1.9)	301	(3.8)	325	(3.5)	368	(3.7)	421	(4.9)	482	(5.5)	532	(6.1)	560	(5.7)	
United Kingdom	509	(2.6)	100	(1.0)	345	(2.9)	377	(3.2)	438	(2.9)	512	(3.3)	581	(3.1)	638	(3.2)	670	(3.5)	
United States	496	(3.2)	99	(1.4)	336	(4.1)	368	(3.9)	425	(3.7)	495	(3.8)	567	(3.9)	626	(3.9)	658	(4.9)	
EU total	495	(0.7)	98	(0.4)	333	(1.3)	364	(1.1)	425	(1.0)	497	(0.9)	565	(0.8)	620	(1.0)	652	(1.1)	
OECD total	488	(1.1)	100	(0.5)	328	(1.3)	358	(1.2)	414	(1.3)	487	(1.4)	560	(1.4)	620	(1.4)	653	(1.5)	
OECD average	493	(0.4)	94	(0.2)	336	(0.7)	368	(0.6)	426	(0.6)	495	(0.5)	561	(0.5)	615	(0.5)	645	(0.6)	
Partners																			
Albania	427	(3.3)	78	(1.5)	301	(3.8)	328	(3.2)	373	(3.2)	426	(3.6)	481	(4.8)	530	(5.0)	558	(4.7)	
Algeria	376	(2.6)	69	(1.5)	268	(3.4)	291	(3.3)	329	(2.5)	373	(2.5)	419	(3.2)	465	(4.5)	496	(6.1)	
Brazil	401	(2.3)	89	(1.3)	265	(2.4)	291	(2.1)	337	(1.9)	394	(2.5)	460	(3.3)	522	(4.1)	558	(4.6)	
B-S-J-G (China)	518	(4.6)	103	(2.5)	341	(6.5)	377	(6.0)	445	(5.6)	524	(5.6)	595	(5.3)	649	(5.6)	677	(6.5)	
Bulgaria	446	(4.4)	102	(2.1)	283	(4.8)	313	(4.8)	370	(5.3)	446	(5.8)	521	(5.1)	578	(5.2)	611	(5.6)	
CABA (Argentina)	475	(6.3)	86	(2.7)	331	(8.4)	364	(7.7)	416	(7.0)	476	(7.4)	537	(7.4)	586	(7.9)	612	(8.6)	
Colombia	416	(2.4)	80	(1.3)	291	(3.9)	315	(3.1)	357	(2.8)	412	(2.8)	471	(2.9)	524	(3.4)	554	(3.5)	
Costa Rica	420	(2.1)	70	(1.2)	310	(2.6)	332	(2.3)	370	(2.3)	416	(2.3)	466	(2.8)	514	(3.3)	541	(3.7)	
Croatia	475	(2.5)	89	(1.2)	332	(3.5)	360	(3.3)	411	(3.4)	474	(3.3)	538	(2.8)	593	(3.3)	624	(3.9)	
Cyprus*	433	(1.4)	93	(1.2)	286	(2.9)	314	(2.5)	365	(2.1)	429	(2.0)	497	(2.2)	557	(2.8)	590	(4.1)	
Dominican Republic	332	(2.6)	72	(1.8)	224	(3.0)	244	(2.7)	281	(2.5)	326	(2.8)	376	(3.3)	429	(4.9)	461	(6.3)	
FYROM	384	(1.2)	85	(1.3)	248	(3.2)	277	(3.0)	325	(1.9)	381	(1.7)	440	(2.1)	496	(2.7)	528	(4.1)	
Georgia	411	(2.4)	91	(1.3)	267	(3.8)	297	(3.7)	348	(3.0)	408	(3.1)	471	(3.1)	531	(3.9)	566	(4.5)	
Hong Kong (China)	523	(2.5)	81	(1.4)	379	(5.5)	413	(4.5)	473	(3.5)	529	(2.7)	579	(2.6)	622	(2.7)	646	(3.2)	
Indonesia	403	(2.6)	68	(1.6)	296	(4.1)	319	(3.2)	356	(2.9)	399	(3.1)	447	(3.3)	493	(3.9)	522	(4.9)	
Jordan	409	(2.7)	84	(1.6)	268	(5.2)	299	(3.8)	351	(3.4)	410	(3.1)	468	(3.0)	517	(3.4)	544	(3.5)	
Kosovo	378	(1.7)	71	(1.1)	266	(3.3)	289	(2.2)	328	(2.2)	375	(1.9)	426	(2.2)	474	(3.7)	501	(4.3)	
Lebanon	386	(3.4)	90	(1.8)	249	(4.6)	276	(3.9)	322	(3.6)	379	(4.2)	446	(5.1)	511	(4.9)	545	(5.2)	
Lithuania	475	(2.7)	91	(1.4)	329	(3.2)	357	(3.8)	410	(2.9)	473	(2.8)	540	(3.3)	597	(3.7)	626	(4.3)	
Macao (China)	529	(1.1)	81	(1.0)	389	(3.6)	420	(2.3)	474	(1.7)	532	(1.7)	586	(1.8)	630	(2.0)	656	(3.2)	
Malta	465	(1.6)	118	(1.5)	273	(4.2)	310	(4.3)	382	(3.4)	466	(2.9)	548	(2.8)	618	(3.4)	656	(4.4)	
Moldova	428	(2.0)	86	(1.4)	290	(4.0)	318	(3.0)	367	(2.6)	427	(2.4)	488	(2.9)	541	(3.1)	570	(3.8)	
Montenegro	411	(1.0)	85	(0.9)	277	(2.8)	304	(2.1)	352	(1.5)	407	(1.5)	468	(1.9)	526	(2.9)	558	(3.1)	
Peru	397	(2.4)	77	(1.4)	278	(3.2)	301	(2.6)	342	(2.4)	392	(2.7)	448	(3.3)	500	(3.9)	529	(4.7)	
Qatar	418	(1.0)	99	(0.7)	268	(1.9)	295	(1.8)	344	(1.3)	410	(1.4)	486	(2.1)	554	(1.9)	589	(2.4)	
Romania	435	(3.2)	79	(1.7)	309	(4.2)	334	(3.8)	379	(3.6)	433	(3.6)	488	(4.1)	539	(5.1)	570	(5.4)	
Russia	487	(2.9)	82	(1.1)	352	(4.1)	379	(3.8)	428	(3.4)	486	(3.6)	544	(3.3)	595	(3.5)	623	(3.7)	
Singapore	556	(1.2)	104	(0.9)	373	(3.7)	412	(2.8)	485	(2.2)	564	(1.6)	631	(1.8)	683	(2.2)	712	(3.1)	
Chinese Taipei	532	(2.7)	100	(1.9)	358	(4.6)	395	(4.6)	465	(3.5)	540	(2.7)	603	(3.5)	655	(4.2)	685	(4.9)	
Thailand	421	(2.8)	78	(1.6)	301	(2.7)	324	(2.9)	365	(2.6)	416	(3.1)	473	(3.6)	528	(4.9)	559	(6.0)	
Trinidad and Tobago	425	(1.4)	94	(1.1)	279	(4.0)	306	(3.5)	356	(1.9)	420	(2.0)	491	(2.1)	551	(3.3)	585	(3.7)	
Tunisia	386	(2.1)	65	(1.6)	287	(3.1)	306	(2.6)	341	(2.2)	382	(2.5)	428	(2.5)	472	(3.8)	500	(5.3)	
United Arab Emirates	437	(2.4)	99	(1.1)	284	(3.3)	312	(2.8)	364	(2.8)	431	(3.1)	505	(3.2)	571	(3.2)	608	(3.0)	
Uruguay	435	(2.2)	87	(1.3)	301	(2.8)	326	(2.6)	372	(2.4)	431	(2.7)	496	(3.0)	552	(3.6)	583	(4.2)	
Viet Nam	525	(3.9)	77	(2.3)	404	(4.7)	428	(4.1)	470	(4.3)	522	(4.0)	576	(4.5)	624	(6.6)	655	(8.3)	
Argentina**	432	(2.9)	81	(1.2)	303	(4.1)	329	(3.5)											

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Table 1.2.4a Mean science performance, 2006 through 2015


	PISA 2006		PISA 2009		PISA 2012		PISA 2015		Change between 2006 and 2015 (PISA 2015 - PISA 2006)		Change between 2009 and 2015 (PISA 2015 - PISA 2009)		Change between 2012 and 2015 (PISA 2015 - PISA 2012)		Average 3-year trend in science performance across PISA assessments		
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	p-value
OECD	Australia	527 (2.3)	527 (2.5)	521 (1.8)	510 (1.5)	-17 (5.2)	-17 (5.4)	-12 (4.6)	-5.7 (1.7)	0.001							
	Austria	511 (3.9)	m	506 (2.7)	495 (2.4)	-16 (6.4)	m	-11 (5.4)	-4.9 (2.2)	0.023							
	Belgium	510 (2.5)	507 (2.5)	505 (2.2)	502 (2.3)	-8 (5.6)	-5 (5.6)	-3 (5.0)	-2.7 (1.8)	0.149							
	Canada	534 (2.0)	529 (1.6)	525 (1.9)	528 (2.1)	-7 (5.3)	-1 (5.2)	2 (4.8)	-2.3 (1.8)	0.188							
	Chile	438 (4.3)	447 (2.9)	445 (2.9)	447 (2.4)	9 (6.7)	-1 (5.9)	2 (5.4)	2.4 (2.1)	0.273							
	Czech Republic	513 (3.5)	500 (3.0)	508 (3.0)	493 (2.3)	-20 (6.1)	-8 (5.9)	-15 (5.4)	-5.2 (2.0)	0.009							
	Denmark	496 (3.1)	499 (2.5)	498 (2.7)	502 (2.4)	6 (5.9)	3 (5.7)	3 (5.3)	1.7 (1.9)	0.386							
	Estonia	531 (2.5)	528 (2.7)	541 (1.9)	534 (2.1)	3 (5.6)	6 (5.6)	-7 (4.9)	2.2 (1.8)	0.223							
	Finland	563 (2.0)	554 (2.3)	545 (2.2)	531 (2.4)	-33 (5.5)	-23 (5.6)	-15 (5.1)	-10.6 (1.8)	0.000							
	France	495 (3.4)	498 (3.6)	499 (2.6)	495 (2.1)	0 (6.0)	-3 (6.1)	-4 (5.1)	0.0 (2.0)	0.987							
	Germany	516 (3.8)	520 (2.8)	524 (3.0)	509 (2.7)	-7 (6.5)	-11 (5.9)	-15 (5.6)	-1.7 (2.1)	0.428							
	Greece	473 (3.2)	470 (4.0)	467 (3.1)	455 (3.9)	-19 (6.8)	-15 (7.2)	-12 (6.4)	-5.9 (2.2)	0.008							
	Hungary	504 (2.7)	503 (3.1)	494 (2.9)	477 (2.4)	-27 (5.8)	-26 (6.0)	-18 (5.5)	-8.9 (1.9)	0.000							
	Iceland	491 (1.6)	496 (1.4)	478 (2.1)	473 (1.7)	-18 (5.1)	-22 (5.0)	-5 (4.8)	-7.0 (1.7)	0.000							
	Ireland	508 (3.2)	508 (3.3)	522 (2.5)	503 (2.4)	-6 (6.0)	-5 (6.1)	-19 (5.2)	-0.4 (2.0)	0.859							
	Israel	454 (3.7)	455 (3.1)	470 (5.0)	467 (3.4)	13 (6.8)	12 (6.5)	-4 (7.2)	5.4 (2.2)	0.016							
	Italy	475 (2.0)	489 (1.8)	494 (1.9)	481 (2.5)	5 (5.5)	-8 (5.5)	-13 (5.0)	2.0 (1.8)	0.255							
	Japan	531 (3.4)	539 (3.4)	547 (3.6)	538 (3.0)	7 (6.3)	-1 (6.4)	-8 (6.1)	2.8 (2.1)	0.176							
	Korea	522 (3.4)	538 (3.4)	538 (3.7)	516 (3.1)	-6 (6.4)	-22 (6.5)	-22 (6.2)	-1.9 (2.1)	0.375							
	Latvia	490 (3.0)	494 (3.1)	502 (2.8)	490 (1.6)	1 (5.6)	-4 (5.7)	-12 (5.0)	1.1 (1.8)	0.533							
	Luxembourg	486 (1.1)	484 (1.2)	491 (1.3)	483 (1.1)	-4 (4.7)	-1 (4.8)	-8 (4.3)	-0.3 (1.6)	0.863							
	Mexico	410 (2.7)	416 (1.8)	415 (1.3)	416 (2.1)	6 (5.7)	0 (5.3)	1 (4.7)	1.7 (1.8)	0.347							
	Netherlands	525 (2.7)	522 (5.4)	522 (3.5)	509 (2.3)	-16 (5.7)	-14 (7.4)	-13 (5.7)	-4.9 (1.9)	0.011							
	New Zealand	530 (2.7)	532 (2.6)	516 (2.1)	513 (2.4)	-17 (5.7)	-19 (5.7)	-2 (5.1)	-6.7 (1.9)	0.000							
	Norway	487 (3.1)	500 (2.6)	495 (3.1)	498 (2.3)	12 (5.9)	-1 (5.7)	4 (5.5)	3.1 (1.9)	0.112							
	Poland	498 (2.3)	508 (2.4)	526 (3.1)	501 (2.5)	4 (5.6)	-7 (5.7)	-24 (5.6)	2.9 (1.9)	0.117							
	Portugal	474 (3.0)	493 (2.9)	489 (3.7)	501 (2.4)	27 (5.9)	8 (5.9)	12 (5.9)	7.6 (1.9)	0.000							
	Slovak Republic	488 (2.6)	490 (3.0)	471 (3.6)	461 (2.6)	-28 (5.8)	-29 (6.0)	-10 (5.9)	-10.2 (1.9)	0.000							
	Slovenia	519 (1.1)	512 (1.1)	514 (1.3)	513 (1.3)	-6 (4.8)	1 (4.8)	-1 (4.3)	-1.5 (1.6)	0.331							
	Spain	488 (2.6)	488 (2.1)	496 (1.8)	493 (2.1)	4 (5.6)	5 (5.4)	-4 (4.8)	2.1 (1.8)	0.237							
	Sweden	503 (2.4)	495 (2.7)	485 (3.0)	493 (3.6)	-10 (6.2)	-2 (6.4)	9 (6.1)	-4.0 (2.0)	0.049							
	Switzerland	512 (3.2)	517 (2.8)	515 (2.7)	506 (2.9)	-6 (6.2)	-11 (6.1)	-10 (5.6)	-2.0 (2.0)	0.327							
	Turkey	424 (3.8)	454 (3.6)	463 (3.9)	425 (3.9)	2 (7.1)	-28 (7.0)	-38 (6.8)	1.5 (2.3)	0.508							
	United Kingdom	515 (2.3)	514 (2.5)	514 (3.4)	509 (2.6)	-6 (5.6)	-4 (5.8)	-5 (5.8)	-1.5 (1.9)	0.426							
United States	489 (4.2)	502 (3.6)	497 (3.8)	496 (3.2)	7 (6.9)	-6 (6.6)	-1 (6.3)	1.8 (2.3)	0.424								
OECD average-34	498 (0.5)	501 (0.5)	501 (0.5)	493 (0.4)	-5 (4.5)	-8 (4.5)	-8 (4.0)	-1.3 (1.5)	0.382								
OECD average-35	498 (0.5)	m	501 (0.5)	493 (0.4)	-5 (4.5)	m	-8 (4.0)	-1.4 (1.5)	0.346								
Partners	Albania	m	m	391 (3.9)	397 (2.4)	427 (3.3)	m	m	37 (6.8)	30 (5.7)	18.3 (3.4)	0.000					
	Algeria	m	m	m	m	376 (2.6)	m	m	m	m	m	m					
	Brazil	390 (2.8)	405 (2.4)	402 (2.1)	401 (2.3)	10 (5.8)	-5 (5.6)	-1 (5.0)	2.7 (1.9)	0.147							
	B-S-J-G (China)	m	m	m	m	518 (4.6)	m	m	m	m	m	m					
	Bulgaria	434 (6.1)	439 (5.9)	446 (4.8)	446 (4.4)	12 (8.7)	6 (8.6)	-1 (7.6)	4.2 (2.8)	0.136							
	CABA (Argentina)	m	m	m	425 (8.6)	475 (6.3)	m	m	51 (11.3)	50.6 (11.3)	0.000						
	Colombia	388 (3.4)	402 (3.6)	399 (3.1)	416 (2.4)	28 (6.1)	14 (6.2)	17 (5.5)	8.0 (2.0)	0.000							
	Costa Rica	m	m	430 (2.8)	429 (2.9)	420 (2.1)	m	-11 (5.7)	-10 (5.3)	-6.7 (3.4)	0.050						
	Croatia	493 (2.4)	486 (2.8)	491 (3.1)	475 (2.5)	-18 (5.7)	-11 (5.9)	-16 (5.6)	-4.8 (1.9)	0.011							
	Cyprus*	m	m	m	438 (1.2)	433 (1.4)	m	m	m	-5 (4.3)	-5.1 (4.3)	0.240					
	Dominican Republic	m	m	m	m	332 (2.6)	m	m	m	m	m	m					
	FYROM	m	m	m	m	384 (1.2)	m	m	m	m	m	m					
	Georgia	m	m	373 (2.9)	m	411 (2.4)	m	m	38 (5.9)	m	23.1 (3.5)	0.000					
	Hong Kong (China)	542 (2.5)	549 (2.8)	555 (2.6)	523 (2.5)	-19 (5.7)	-26 (5.9)	-32 (5.4)	-5.2 (1.9)	0.006							
	Indonesia	393 (5.7)	383 (3.8)	382 (3.8)	403 (2.6)	10 (7.7)	21 (6.4)	21 (6.0)	2.8 (2.5)	0.254							
	Jordan	422 (2.8)	415 (3.5)	409 (3.1)	409 (2.7)	-13 (5.9)	-7 (6.3)	-1 (5.7)	-4.6 (2.0)	0.018							
	Kosovo	m	m	m	m	378 (1.7)	m	m	m	m	m	m					
	Lebanon	m	m	m	m	386 (3.4)	m	m	m	m	m	m					
	Lithuania	488 (2.8)	491 (2.9)	496 (2.6)	475 (2.7)	-13 (5.9)	-16 (6.0)	-20 (5.4)	-3.2 (1.9)	0.093							
	Macao (China)	511 (1.1)	511 (1.0)	521 (0.8)	529 (1.1)	18 (4.7)	17 (4.7)	8 (4.2)	6.3 (1.6)	0.000							
	Malta	m	m	461 (1.7)	m	465 (1.6)	m	3 (5.1)	m	2.1 (3.1)	0.499						
	Moldova	m	m	413 (3.0)	m	428 (2.0)	m	15 (5.8)	m	9.1 (3.5)	0.008						
	Montenegro	412 (1.1)	401 (2.0)	410 (1.1)	411 (1.0)	0 (4.7)	10 (5.0)	1 (4.2)	0.7 (1.6)	0.638							
	Peru	m	m	369 (3.5)	373 (3.6)	397 (2.4)	m	m	27 (6.2)	24 (5.8)	13.7 (3.0)	0.000					
	Qatar	349 (0.9)	379 (0.9)	384 (0.7)	418 (1.0)	68 (4.7)	38 (4.7)	34 (4.1)	20.9 (1.6)	0.000							
	Romania	418 (4.2)	428 (3.4)	439 (3.3)	435 (3.2)	16 (6.9)	7 (6.5)	-4 (6.0)	6.0 (2.2)	0.007							
	Russia	479 (3.7)	478 (3.3)	486 (2.9)	487 (2.9)	7 (6.5)	8 (6.3)	0 (5.7)	2.9 (2.1)	0.162							
	Singapore	m	m	542 (1.4)	551 (1.5)	556 (1.2)	m	14 (4.9)	4 (4.4)	6.9 (2.4)	0.004						
	Chinese Taipei	532 (3.6)	520 (2.6)	523 (2.3)	532 (2.7)	0 (6.3)	12 (5.9)	9 (5.3)	0.2 (2.0)	0.912							
	Thailand	421 (2.1)	425 (3.0)	444 (2.9)	421 (2.8)	0 (5.7)	-4 (6.1)	-23 (5.7)	2.1 (1.9)	0.270							
Trinidad and Tobago	m	m	410 (1.2)	m	425 (1.4)	m	14 (4.9)	m	7.2 (2.4)	0.003							
Tunisia	386 (3.0)	401 (2.7)	398 (3.5)	386 (2.1)	1 (5.8)	-14 (5.6)	-12 (5.6)	0.0 (1.9)	0.992								
United Arab Emirates	m	m	m	448 (2.8)	437 (2.4)	m	m	-12 (5.4)	-11.6 (5.4)	0.031							
Uruguay	428 (2.7)	427 (2.6)	416 (2.8)	435 (2.2)	7 (5.7)	8 (5.6)	20 (5.3)	1.0 (1.9)	0.580								
Viet Nam	m	m	m	528 (4.3)	525 (3.9)	m	m	-4 (7.0)	-3.8 (7.0)	0.590							
Argentina**	391 (6.1)	401 (4.6)	406 (3.9)	432 (2.9)	41 (8.1)	31 (7.0)	27 (6.2)	12.7 (2.6)	0.000								
Kazakhstan**	m	m	400 (3.1)	425 (3.0)	456 (3.7)	m	m	56 (6.6)	32 (6.1)	28.0 (3.3)	0.000						
Malaysia**	m	m	422 (2.7)	420 (3.0)	443 (3.0)	m	m	21 (6.0)	23 (5.8)	13.3 (3.6)	0.000						

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

For Costa Rica, Georgia, Malta and Moldova, the change between the PISA 2009 and PISA 2015 represents change between 2010 and 2015 because these countries implemented the PISA 2009 assessment in 2010 as part of PISA 2009+.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

StatLink  <http://dx.doi.org/10.1787/88893433171>



[Part 1/1]


Table 1.2.6a Percentage of low achievers and top performers in science, by gender (PISA 2015)

	Boys				Girls				Gender differences (boys - girls)			
	Below Level 2 (less than 409.54 score points)		Level 5 or above (above 633.33 score points)		Below Level 2 (less than 409.54 score points)		Level 5 or above (above 633.33 score points)		Below Level 2 (less than 409.54 score points)		Level 5 or above (above 633.33 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	% dif.	S.E.	% dif.	S.E.
OECD												
Australia	18.7	(0.7)	12.8	(0.7)	16.6	(0.7)	9.5	(0.5)	2.0	(0.8)	3.3	(0.8)
Austria	19.2	(1.3)	10.1	(0.9)	22.4	(1.3)	5.3	(0.7)	-3.2	(1.8)	4.8	(1.1)
Belgium	19.1	(1.1)	10.9	(0.7)	20.5	(1.1)	7.0	(0.6)	-1.5	(1.4)	3.9	(0.9)
Canada	12.0	(0.7)	13.4	(0.8)	10.1	(0.6)	11.4	(0.7)	1.9	(0.7)	2.0	(1.0)
Chile	32.3	(1.5)	1.7	(0.3)	37.4	(1.5)	0.8	(0.2)	-5.1	(1.9)	0.9	(0.3)
Czech Republic	20.9	(1.5)	9.0	(0.7)	20.5	(1.3)	5.5	(0.6)	0.4	(1.9)	3.6	(0.9)
Denmark	15.7	(1.0)	8.4	(0.9)	16.0	(1.2)	5.6	(0.6)	-0.3	(1.4)	2.7	(0.9)
Estonia	9.9	(0.9)	15.0	(0.9)	7.6	(0.7)	12.0	(0.9)	2.3	(1.1)	3.0	(1.1)
Finland	14.5	(0.9)	13.2	(0.8)	8.2	(0.7)	15.5	(0.9)	6.3	(1.0)	-2.3	(1.1)
France	23.3	(1.2)	9.4	(0.7)	20.8	(1.1)	6.6	(0.6)	2.5	(1.5)	2.8	(0.8)
Germany	15.9	(1.2)	12.4	(0.9)	18.1	(1.0)	8.7	(0.6)	-2.2	(1.1)	3.6	(1.0)
Greece	36.0	(2.2)	2.4	(0.4)	29.2	(1.9)	1.9	(0.3)	6.8	(1.9)	0.5	(0.5)
Hungary	26.4	(1.4)	5.3	(0.6)	25.6	(1.3)	3.9	(0.5)	0.8	(1.7)	1.4	(0.7)
Iceland	26.4	(1.2)	4.2	(0.7)	24.3	(1.3)	3.4	(0.5)	2.1	(1.7)	0.8	(0.9)
Ireland	15.7	(1.2)	9.0	(0.8)	14.9	(1.1)	5.0	(0.5)	0.8	(1.4)	4.0	(0.9)
Israel	32.8	(1.8)	7.5	(0.7)	30.1	(1.7)	4.3	(0.5)	2.7	(2.1)	3.2	(0.8)
Italy	21.5	(1.2)	5.3	(0.5)	24.9	(1.6)	2.8	(0.4)	-3.3	(1.9)	2.5	(0.6)
Japan	8.9	(0.9)	18.1	(1.5)	10.3	(0.8)	12.5	(1.0)	-1.4	(1.0)	5.5	(1.6)
Korea	17.3	(1.4)	11.6	(1.2)	11.2	(1.0)	9.6	(0.8)	6.0	(1.6)	2.0	(1.3)
Latvia	20.0	(1.0)	3.8	(0.5)	14.5	(1.0)	3.8	(0.6)	5.5	(1.4)	0.1	(0.7)
Luxembourg	25.6	(1.0)	8.5	(0.6)	26.1	(0.8)	5.4	(0.5)	-0.5	(1.2)	3.1	(0.7)
Mexico	46.5	(1.6)	0.2	(0.1)	49.1	(1.4)	0.0	(0.0)	-2.6	(1.6)	0.2	(0.1)
Netherlands	19.3	(1.3)	12.8	(0.8)	17.8	(1.0)	9.4	(0.7)	1.5	(1.4)	3.5	(1.0)
New Zealand	18.4	(1.2)	14.8	(0.9)	16.5	(1.1)	10.9	(0.8)	1.9	(1.4)	3.9	(1.1)
Norway	20.0	(1.0)	9.3	(0.7)	17.4	(1.0)	6.6	(0.6)	2.6	(1.2)	2.6	(0.9)
Poland	16.4	(1.1)	8.9	(0.8)	16.1	(1.1)	5.7	(0.8)	0.2	(1.4)	3.3	(1.0)
Portugal	17.7	(1.0)	9.6	(0.8)	17.1	(1.2)	5.2	(0.6)	0.6	(1.2)	4.5	(0.9)
Slovak Republic	31.9	(1.3)	4.2	(0.5)	29.5	(1.5)	3.0	(0.5)	2.4	(1.7)	1.2	(0.6)
Slovenia	16.2	(0.8)	10.8	(0.8)	13.7	(0.7)	10.4	(1.0)	2.4	(1.1)	0.5	(1.4)
Spain	18.4	(1.0)	6.3	(0.5)	18.2	(1.0)	3.7	(0.5)	0.2	(1.2)	2.7	(0.7)
Sweden	23.4	(1.5)	9.5	(0.8)	19.8	(1.2)	7.5	(0.9)	3.6	(1.4)	2.0	(1.0)
Switzerland	18.8	(1.2)	11.1	(0.8)	18.1	(1.3)	8.3	(0.9)	0.7	(1.4)	2.9	(1.1)
Turkey	46.0	(2.5)	0.3	(0.1)	42.9	(2.3)	0.3	(0.2)	3.2	(2.5)	0.0	(0.2)
United Kingdom	17.5	(1.0)	11.5	(0.8)	17.3	(1.0)	10.2	(0.9)	0.1	(1.2)	1.3	(1.1)
United States	20.6	(1.2)	9.7	(0.9)	20.1	(1.3)	7.3	(0.8)	0.5	(1.4)	2.4	(1.0)
OECD average-35	21.8	(0.2)	8.9	(0.1)	20.7	(0.2)	6.5	(0.1)	1.1	(0.3)	2.4	(0.2)
Partners												
Albania	48.9	(2.2)	0.3	(0.1)	34.6	(1.6)	0.4	(0.2)	14.3	(2.1)	-0.1	(0.2)
Algeria	74.4	(1.6)	0.0	(0.0)	66.8	(1.7)	0.0	(0.1)	7.6	(1.9)	0.0	(0.1)
Brazil	55.6	(1.2)	0.9	(0.2)	57.5	(1.2)	0.5	(0.1)	-1.9	(1.1)	0.4	(0.2)
B-S-J-G (China)	16.0	(1.4)	15.0	(1.3)	16.5	(1.4)	11.9	(1.7)	-0.4	(1.1)	3.1	(1.1)
Bulgaria	41.6	(2.2)	2.9	(0.5)	33.7	(2.1)	2.8	(0.5)	7.8	(2.1)	0.1	(0.6)
CABA (Argentina)	21.7	(2.8)	4.0	(1.2)	23.6	(2.8)	1.4	(0.7)	-1.9	(2.8)	2.6	(1.3)
Colombia	46.6	(1.7)	0.5	(0.2)	51.2	(1.5)	0.2	(0.1)	-4.6	(1.6)	0.2	(0.2)
Costa Rica	41.3	(1.4)	0.2	(0.1)	51.3	(1.5)	0.1	(0.1)	-9.9	(1.6)	0.1	(0.1)
Croatia	24.7	(1.5)	5.1	(0.6)	24.6	(1.5)	2.9	(0.5)	0.1	(1.7)	2.1	(0.7)
Cyprus*	47.3	(1.0)	1.8	(0.4)	37.0	(1.1)	1.4	(0.3)	10.3	(1.4)	0.4	(0.5)
Dominican Republic	85.0	(1.3)	0.0	(0.0)	86.5	(1.2)	0.0	(0.0)	-1.6	(1.2)	0.0	(0.0)
FYROM	67.2	(1.0)	0.2	(0.1)	58.1	(1.1)	0.2	(0.1)	9.0	(1.4)	0.0	(0.2)
Georgia	54.8	(1.7)	0.9	(0.3)	46.3	(1.4)	0.8	(0.2)	8.5	(1.7)	0.1	(0.4)
Hong Kong (China)	10.6	(1.0)	8.4	(0.9)	8.2	(0.9)	6.3	(0.8)	2.4	(1.2)	2.1	(1.0)
Indonesia	57.3	(1.9)	0.1	(0.1)	54.6	(1.9)	0.1	(0.1)	2.8	(2.0)	-0.1	(0.1)
Jordan	59.3	(1.9)	0.1	(0.1)	40.4	(2.0)	0.2	(0.1)	18.9	(2.8)	0.0	(0.2)
Kosovo	69.8	(1.2)	0.0	(0.0)	65.7	(1.6)	0.0	(0.0)	4.1	(1.7)	0.0	(0.0)
Lebanon	61.7	(2.1)	0.6	(0.2)	63.5	(2.0)	0.3	(0.1)	-1.8	(2.3)	0.4	(0.2)
Lithuania	26.9	(1.2)	4.4	(0.7)	22.5	(1.3)	3.9	(0.5)	4.3	(1.4)	0.5	(0.7)
Macao (China)	10.1	(0.6)	10.0	(0.8)	6.0	(0.5)	8.3	(0.7)	4.1	(0.8)	1.7	(1.2)
Malta	35.2	(1.1)	7.7	(0.7)	29.8	(1.1)	7.5	(0.7)	5.4	(1.6)	0.2	(1.1)
Moldova	44.1	(1.3)	0.7	(0.2)	40.3	(1.5)	0.7	(0.2)	3.8	(1.6)	0.0	(0.3)
Montenegro	52.6	(1.0)	0.6	(0.2)	49.4	(0.9)	0.3	(0.1)	3.3	(1.3)	0.3	(0.2)
Peru	56.2	(1.7)	0.2	(0.1)	60.7	(1.8)	0.1	(0.1)	-4.5	(2.0)	0.1	(0.1)
Qatar	55.3	(0.7)	1.9	(0.2)	44.1	(0.6)	1.5	(0.2)	11.2	(0.9)	0.4	(0.3)
Romania	40.1	(2.1)	0.7	(0.3)	37.0	(2.0)	0.6	(0.3)	3.2	(1.8)	0.1	(0.4)
Russia	18.3	(1.4)	4.5	(0.6)	18.0	(1.3)	3.1	(0.4)	0.4	(1.6)	1.4	(0.7)
Singapore	10.2	(0.6)	26.5	(0.9)	8.9	(0.6)	21.7	(0.9)	1.3	(0.9)	4.7	(1.3)
Chinese Taipei	12.8	(1.0)	16.6	(1.6)	12.1	(1.0)	14.1	(1.6)	0.7	(1.2)	2.5	(2.4)
Thailand	49.6	(2.0)	0.4	(0.2)	44.6	(1.5)	0.5	(0.2)	5.0	(1.9)	-0.1	(0.3)
Trinidad and Tobago	50.5	(1.2)	1.1	(0.3)	41.3	(1.1)	1.6	(0.3)	9.1	(1.6)	-0.5	(0.4)
Tunisia	64.6	(1.5)	0.1	(0.1)	67.0	(1.4)	0.0	(0.0)	-2.3	(1.4)	0.0	(0.1)
United Arab Emirates	48.8	(1.5)	3.2	(0.3)	34.9	(1.4)	2.4	(0.3)	13.9	(2.0)	0.8	(0.5)
Uruguay	40.1	(1.6)	1.7	(0.4)	41.4	(1.3)	0.8	(0.2)	-1.3	(1.7)	0.9	(0.4)
Viet Nam	6.6	(0.9)	8.5	(1.2)	5.3	(0.8)	8.0	(1.5)	1.3	(0.8)	0.5	(1.1)
Argentina**	36.4	(1.7)	1.0	(0.3)	42.8	(1.8)	0.4	(0.2)	-6.4	(1.8)	0.6	(0.3)
Kazakhstan**	29.1	(1.8)	2.0	(0.7)	27.0	(1.7)	1.6	(0.5)	2.1	(1.6)	0.5	(0.5)
Malaysia**	36.3	(1.8)	0.7	(0.3)	31.4	(1.6)	0.4	(0.2)	4.9	(1.4)	0.3	(0.2)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/1]


Table 1.2.6b Percentage of low achievers and top performers in science, by gender (PISA 2006)

	Boys				Girls				Gender differences (boys - girls)			
	Below Level 2 (less than 409.54 score points)		Level 5 or above (above 633.33 score points)		Below Level 2 (less than 409.54 score points)		Level 5 or above (above 633.33 score points)		Below Level 2 (less than 409.54 score points)		Level 5 or above (above 633.33 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	% dif.	S.E.	% dif.	S.E.
OECD												
Australia	13.9	(0.8)	15.6	(1.0)	11.8	(0.7)	13.6	(0.8)	2.1	(0.9)	2.1	(1.3)
Austria	15.2	(1.5)	11.3	(1.0)	17.5	(2.0)	8.6	(0.9)	-2.4	(2.2)	2.6	(1.2)
Belgium	17.9	(1.3)	11.2	(0.7)	16.0	(1.2)	8.9	(0.7)	1.9	(1.5)	2.3	(0.9)
Canada	10.6	(0.8)	15.7	(0.7)	9.4	(0.7)	13.2	(0.7)	1.1	(0.8)	2.5	(0.9)
Chile	35.8	(2.5)	2.4	(0.6)	44.3	(2.2)	1.3	(0.5)	-8.5	(2.2)	1.1	(0.8)
Czech Republic	14.3	(1.3)	11.9	(1.1)	17.1	(1.6)	11.2	(1.3)	-2.9	(1.7)	0.7	(1.4)
Denmark	17.8	(1.3)	7.8	(1.0)	19.0	(1.4)	5.8	(0.6)	-1.2	(1.4)	2.0	(1.0)
Estonia	8.6	(0.9)	11.8	(1.0)	6.7	(0.7)	11.2	(1.0)	1.9	(1.1)	0.6	(1.2)
Finland	5.0	(0.6)	21.6	(1.1)	3.2	(0.6)	20.2	(1.0)	1.8	(0.7)	1.4	(1.4)
France	22.0	(1.7)	9.6	(0.9)	20.4	(1.5)	6.5	(0.9)	1.6	(1.6)	3.2	(1.2)
Germany	14.9	(1.5)	13.7	(1.1)	15.8	(1.5)	9.8	(0.8)	-0.9	(1.4)	3.8	(1.3)
Greece	28.1	(1.9)	4.0	(0.5)	19.9	(1.3)	2.8	(0.5)	8.2	(2.1)	1.2	(0.7)
Hungary	15.5	(1.3)	8.4	(1.0)	14.5	(1.3)	5.2	(0.8)	1.1	(1.7)	3.3	(1.2)
Iceland	22.4	(1.1)	6.6	(0.7)	18.7	(1.0)	6.0	(0.7)	3.6	(1.3)	0.6	(1.0)
Ireland	16.5	(1.5)	10.3	(1.0)	14.5	(1.1)	8.5	(0.8)	2.1	(1.6)	1.8	(1.1)
Israel	37.4	(2.0)	6.6	(0.9)	34.9	(1.7)	3.9	(0.5)	2.4	(2.4)	2.8	(0.9)
Italy	25.5	(1.2)	5.4	(0.5)	25.0	(1.1)	3.8	(0.4)	0.4	(1.5)	1.6	(0.6)
Japan	12.8	(1.4)	17.0	(1.1)	11.3	(1.5)	13.1	(1.0)	1.5	(2.0)	3.8	(1.6)
Korea	12.4	(1.5)	11.1	(1.4)	10.1	(1.3)	9.5	(1.1)	2.3	(1.6)	1.6	(1.3)
Latvia	19.1	(1.3)	4.3	(0.6)	15.8	(1.3)	3.9	(0.5)	3.3	(1.3)	0.5	(0.7)
Luxembourg	22.0	(1.0)	7.3	(0.6)	22.2	(1.1)	4.4	(0.5)	-0.1	(1.7)	2.9	(0.9)
Mexico	49.5	(1.7)	0.3	(0.1)	52.2	(1.4)	0.2	(0.1)	-2.7	(1.5)	0.1	(0.1)
Netherlands	12.2	(1.1)	15.0	(1.1)	13.7	(1.4)	11.2	(0.8)	-1.5	(1.3)	3.7	(1.1)
New Zealand	15.3	(1.1)	18.4	(1.1)	12.2	(0.8)	16.9	(1.1)	3.1	(1.2)	1.5	(1.6)
Norway	22.4	(1.6)	6.7	(0.7)	19.6	(1.3)	5.5	(0.7)	2.8	(1.4)	1.2	(1.0)
Poland	17.3	(1.0)	8.1	(0.7)	16.7	(1.0)	5.4	(0.6)	0.7	(1.0)	2.7	(0.8)
Portugal	24.2	(1.8)	4.0	(0.6)	24.7	(1.6)	2.3	(0.3)	-0.4	(1.8)	1.8	(0.6)
Slovak Republic	20.1	(1.4)	6.7	(0.8)	20.3	(1.5)	4.8	(0.5)	-0.2	(2.1)	2.0	(0.9)
Slovenia	15.3	(0.8)	12.7	(1.0)	12.5	(0.8)	13.1	(1.0)	2.8	(1.0)	-0.5	(1.6)
Spain	19.6	(1.1)	5.6	(0.5)	19.7	(1.1)	4.1	(0.5)	-0.1	(1.2)	1.5	(0.6)
Sweden	17.2	(1.2)	8.6	(0.7)	15.5	(0.9)	7.2	(0.8)	1.8	(1.4)	1.4	(1.1)
Switzerland	15.6	(1.0)	11.1	(0.9)	16.6	(1.1)	9.8	(1.0)	-1.0	(1.0)	1.3	(0.9)
Turkey	50.1	(2.0)	0.9	(0.4)	42.3	(2.2)	0.9	(0.4)	7.8	(2.6)	0.0	(0.4)
United Kingdom	16.7	(1.0)	16.0	(0.9)	16.7	(1.0)	11.5	(0.8)	0.0	(1.2)	4.5	(1.1)
United States	25.8	(2.0)	10.0	(1.0)	23.0	(1.5)	8.2	(0.9)	2.8	(1.7)	1.7	(1.1)
OECD average-35	20.3	(0.2)	9.7	(0.1)	19.3	(0.2)	7.8	(0.1)	1.0	(0.3)	1.9	(0.2)
Partners												
Albania	m	m	m	m	m	m	m	m	m	m	m	m
Algeria	m	m	m	m	m	m	m	m	m	m	m	m
Brazil	58.4	(1.5)	0.8	(0.3)	63.3	(1.6)	0.4	(0.2)	-4.9	(1.3)	0.4	(0.3)
B-S-J-G (China)	m	m	m	m	m	m	m	m	m	m	m	m
Bulgaria	46.7	(2.8)	3.3	(0.8)	38.3	(2.8)	2.8	(0.6)	8.5	(2.9)	0.6	(0.6)
CABA (Argentina)	m	m	m	m	m	m	m	m	m	m	m	m
Colombia	57.4	(2.3)	0.2	(0.1)	62.6	(2.4)	0.1	(0.1)	-5.2	(2.9)	0.1	(0.2)
Costa Rica	m	m	m	m	m	m	m	m	m	m	m	m
Croatia	18.2	(1.3)	5.4	(0.5)	15.7	(1.3)	4.8	(0.6)	2.5	(1.8)	0.7	(0.7)
Cyprus*	m	m	m	m	m	m	m	m	m	m	m	m
Dominican Republic	m	m	m	m	m	m	m	m	m	m	m	m
FYROM	m	m	m	m	m	m	m	m	m	m	m	m
Georgia	m	m	m	m	m	m	m	m	m	m	m	m
Hong Kong (China)	9.3	(1.1)	17.6	(1.3)	8.2	(0.9)	14.3	(1.2)	1.1	(1.2)	3.2	(1.7)
Indonesia	58.7	(4.8)	0.0	(0.1)	64.7	(2.5)	0.0	(0.0)	-6.1	(3.8)	0.0	(0.1)
Jordan	50.8	(1.8)	0.6	(0.3)	37.9	(1.7)	0.7	(0.2)	12.9	(2.6)	-0.1	(0.3)
Kosovo	m	m	m	m	m	m	m	m	m	m	m	m
Lebanon	m	m	m	m	m	m	m	m	m	m	m	m
Lithuania	22.1	(1.2)	4.6	(0.7)	18.5	(1.3)	5.4	(0.8)	3.6	(1.6)	-0.8	(0.7)
Macao (China)	11.3	(0.7)	6.6	(0.6)	9.2	(0.7)	4.0	(0.5)	2.1	(1.0)	2.5	(0.8)
Malta	m	m	m	m	m	m	m	m	m	m	m	m
Moldova	m	m	m	m	m	m	m	m	m	m	m	m
Montenegro	50.8	(1.3)	0.3	(0.2)	49.6	(1.2)	0.2	(0.2)	1.2	(1.8)	0.1	(0.2)
Peru	m	m	m	m	m	m	m	m	m	m	m	m
Qatar	83.9	(0.6)	0.4	(0.1)	74.2	(0.7)	0.2	(0.1)	9.7	(1.1)	0.2	(0.2)
Romania	48.3	(2.3)	0.7	(0.3)	45.5	(3.0)	0.2	(0.1)	2.8	(2.2)	0.5	(0.3)
Russia	22.6	(1.6)	5.1	(0.7)	21.8	(1.6)	3.4	(0.5)	0.7	(1.5)	1.7	(0.7)
Singapore	m	m	m	m	m	m	m	m	m	m	m	m
Chinese Taipei	11.7	(1.2)	15.8	(1.3)	11.6	(1.3)	13.4	(1.3)	0.1	(1.4)	2.4	(2.0)
Thailand	51.8	(1.8)	0.5	(0.2)	41.9	(1.5)	0.4	(0.1)	9.9	(2.2)	0.1	(0.3)
Trinidad and Tobago	m	m	m	m	m	m	m	m	m	m	m	m
Tunisia	63.6	(1.6)	0.1	(0.1)	62.0	(1.7)	0.1	(0.1)	1.5	(1.9)	0.0	(0.2)
United Arab Emirates	m	m	m	m	m	m	m	m	m	m	m	m
Uruguay	44.0	(2.0)	1.9	(0.4)	40.4	(1.5)	1.0	(0.3)	3.6	(2.1)	0.9	(0.5)
Viet Nam	m	m	m	m	m	m	m	m	m	m	m	m
Argentina**	58.8	(2.6)	0.4	(0.2)	54.0	(3.0)	0.5	(0.2)	4.8	(2.6)	0.0	(0.3)
Kazakhstan**	m	m	m	m	m	m	m	m	m	m	m	m
Malaysia**	m	m	m	m	m	m	m	m	m	m	m	m

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/1]

Table 1.2.6d Change between 2006 and 2015 in the percentage of low achievers and top performers in science, by gender (PISA 2015 - PISA 2006)

	Boys				Girls				Gender differences (boys - girls)			
	Below Level 2 (less than 409.54 score points)		Level 5 or above (above 633.33 score points)		Below Level 2 (less than 409.54 score points)		Level 5 or above (above 633.33 score points)		Below Level 2 (less than 409.54 score points)		Level 5 or above (above 633.33 score points)	
	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.
OECD	4.8	(1.4)	-2.8	(1.6)	4.8	(1.7)	-4.0	(1.2)	-0.1	(1.2)	1.2	(1.5)
Australia	4.1	(2.6)	-1.2	(1.6)	4.9	(3.1)	-3.3	(1.2)	-0.8	(2.8)	2.2	(1.7)
Austria	1.1	(2.1)	-0.3	(1.5)	4.5	(2.4)	-1.8	(1.2)	-3.3	(2.1)	1.5	(1.3)
Belgium	1.5	(1.2)	-2.3	(1.9)	0.7	(1.1)	-1.8	(1.9)	0.8	(1.1)	-0.5	(1.4)
Canada	-3.5	(4.5)	-0.7	(0.7)	-6.9	(4.6)	-0.5	(0.5)	3.4	(2.9)	-0.2	(0.9)
Chile	6.6	(2.8)	-2.8	(1.5)	3.3	(2.9)	-5.8	(1.5)	3.3	(2.5)	2.9	(1.6)
Czech Republic	-2.1	(2.4)	0.6	(1.5)	-3.0	(2.1)	-0.2	(1.0)	0.9	(2.0)	0.8	(1.3)
Denmark	1.3	(1.5)	3.2	(2.5)	0.9	(1.4)	0.8	(1.9)	0.4	(1.5)	2.4	(1.6)
Estonia	9.5	(1.7)	-8.4	(2.0)	5.0	(1.0)	-4.7	(2.5)	4.5	(1.2)	-3.7	(1.8)
Finland	1.3	(2.5)	-0.3	(1.4)	0.4	(2.7)	0.1	(1.2)	0.9	(2.2)	-0.4	(1.4)
France	1.0	(2.3)	-1.3	(1.7)	2.3	(2.1)	-1.1	(1.1)	-1.3	(1.8)	-0.2	(1.6)
Germany	7.8	(3.8)	-1.6	(0.7)	9.2	(4.0)	-1.0	(0.6)	-1.4	(2.8)	-0.7	(0.8)
Greece	10.9	(3.0)	-3.2	(1.2)	11.1	(2.7)	-1.3	(1.0)	-0.3	(2.4)	-1.9	(1.4)
Hungary	4.1	(2.4)	-2.5	(1.0)	5.6	(3.0)	-2.6	(1.0)	-1.5	(2.1)	0.2	(1.4)
Iceland	-0.9	(2.8)	-1.3	(1.4)	0.4	(2.1)	-3.5	(1.0)	-1.3	(2.1)	2.2	(1.4)
Ireland	-4.6	(3.4)	0.8	(1.3)	-4.9	(3.7)	0.4	(0.7)	0.3	(3.2)	0.4	(1.2)
Israel	-3.9	(2.7)	-0.1	(0.9)	-0.2	(2.9)	-1.0	(0.6)	-3.8	(2.5)	0.9	(0.8)
Italy	-3.9	(1.7)	1.1	(3.1)	-1.0	(1.8)	-0.6	(2.0)	-2.9	(2.3)	1.7	(2.2)
Japan	4.9	(2.3)	0.5	(2.1)	1.2	(1.8)	0.0	(1.6)	3.7	(2.2)	0.4	(1.8)
Korea	0.9	(2.5)	-0.5	(0.8)	-1.3	(2.0)	-0.1	(0.9)	2.2	(1.9)	-0.4	(1.0)
Latvia	3.6	(2.3)	1.2	(1.0)	3.9	(2.2)	1.0	(0.8)	-0.4	(2.1)	0.2	(1.2)
Luxembourg	-3.1	(7.3)	-0.1	(0.2)	-3.2	(7.4)	-0.2	(0.1)	0.1	(2.1)	0.0	(0.2)
Mexico	7.0	(2.6)	-2.1	(1.8)	4.1	(2.1)	-1.9	(1.3)	2.9	(1.9)	-0.3	(1.4)
Netherlands	3.1	(2.0)	-3.6	(1.9)	4.3	(1.9)	-6.0	(1.7)	-1.2	(1.9)	2.4	(1.9)
New Zealand	-2.4	(2.5)	2.6	(1.3)	-2.3	(2.4)	1.2	(1.1)	-0.2	(1.8)	1.4	(1.4)
Norway	-1.0	(2.3)	0.8	(1.2)	-0.5	(2.7)	0.2	(1.2)	-0.4	(1.8)	0.6	(1.3)
Poland	-6.5	(2.5)	5.6	(1.3)	-7.6	(2.7)	2.9	(0.8)	1.1	(2.2)	2.7	(1.1)
Portugal	11.8	(2.8)	-2.6	(1.0)	9.2	(2.9)	-1.8	(0.7)	2.6	(2.7)	-0.8	(1.1)
Slovak Republic	0.9	(1.7)	-1.8	(1.4)	1.3	(1.4)	-2.8	(1.8)	-0.4	(1.5)	1.0	(2.1)
Slovenia	-1.2	(2.0)	0.7	(0.9)	-1.5	(2.6)	-0.5	(0.8)	0.3	(1.7)	1.1	(0.9)
Spain	6.2	(2.7)	1.0	(1.3)	4.4	(2.1)	0.3	(1.3)	1.8	(2.0)	0.7	(1.4)
Sweden	3.2	(2.0)	0.1	(1.9)	1.5	(2.5)	-1.5	(1.6)	1.8	(1.8)	1.6	(1.4)
Switzerland	-4.1	(6.1)	-0.6	(0.4)	0.6	(5.5)	-0.6	(0.4)	-4.6	(3.6)	0.0	(0.5)
Turkey	0.7	(1.9)	-4.5	(1.6)	0.6	(2.0)	-1.3	(1.3)	0.1	(1.7)	-3.2	(1.6)
United Kingdom	-5.2	(2.8)	-0.2	(1.6)	-2.9	(2.8)	-0.9	(1.4)	-2.3	(2.2)	0.7	(1.5)
United States	1.5	(1.7)	-0.8	(0.7)	1.4	(1.8)	-1.3	(0.5)	0.1	(0.4)	0.5	(0.2)
OECD average-35												
Partners												
Albania	m	m	m	m	m	m	m	m	m	m	m	m
Algeria	m	m	m	m	m	m	m	m	m	m	m	m
Brazil	-2.7	(3.7)	0.1	(0.4)	-5.8	(5.1)	0.1	(0.2)	3.1	(1.7)	-0.1	(0.3)
B-S-J-G (China)	m	m	m	m	m	m	m	m	m	m	m	m
Bulgaria	-5.2	(4.4)	-0.4	(0.9)	-4.5	(4.1)	0.1	(0.8)	-0.6	(3.6)	-0.5	(0.9)
CABA (Argentina)	m	m	m	m	m	m	m	m	m	m	m	m
Colombia	-10.8	(4.8)	0.2	(0.2)	-11.4	(6.2)	0.1	(0.1)	0.5	(3.3)	0.1	(0.2)
Costa Rica	m	m	m	m	m	m	m	m	m	m	m	m
Croatia	6.5	(3.6)	-0.4	(0.9)	8.9	(3.8)	-1.8	(0.8)	-2.4	(2.5)	1.5	(1.0)
Cyprus*	m	m	m	m	m	m	m	m	m	m	m	m
Dominican Republic	m	m	m	m	m	m	m	m	m	m	m	m
FYROM	m	m	m	m	m	m	m	m	m	m	m	m
Georgia	m	m	m	m	m	m	m	m	m	m	m	m
Hong Kong (China)	1.3	(1.8)	-9.1	(2.1)	0.0	(1.4)	-8.0	(1.6)	1.4	(1.7)	-1.1	(2.0)
Indonesia	-1.3	(8.0)	0.0	(0.1)	-10.2	(9.3)	0.1	(0.1)	8.8	(4.3)	-0.1	(0.1)
Jordan	8.5	(5.7)	-0.4	(0.3)	2.5	(4.9)	-0.5	(0.2)	6.0	(3.8)	0.0	(0.3)
Kosovo	m	m	m	m	m	m	m	m	m	m	m	m
Lebanon	m	m	m	m	m	m	m	m	m	m	m	m
Lithuania	4.8	(3.2)	-0.2	(1.0)	4.0	(3.2)	-1.5	(1.0)	0.8	(2.1)	1.3	(1.0)
Macao (China)	-1.2	(1.3)	3.5	(1.8)	-3.2	(1.0)	4.3	(1.5)	2.0	(1.3)	-0.8	(1.5)
Malta	m	m	m	m	m	m	m	m	m	m	m	m
Moldova	m	m	m	m	m	m	m	m	m	m	m	m
Montenegro	1.8	(4.8)	0.3	(0.2)	-0.3	(4.8)	0.1	(0.2)	2.1	(2.3)	0.2	(0.3)
Peru	m	m	m	m	m	m	m	m	m	m	m	m
Qatar	-28.6	(3.0)	1.4	(0.3)	-30.1	(3.3)	1.3	(0.2)	1.5	(1.4)	0.2	(0.3)
Romania	-8.2	(5.6)	0.0	(0.4)	-8.5	(5.1)	0.4	(0.3)	0.3	(2.9)	-0.4	(0.5)
Russia	-4.3	(3.2)	-0.6	(1.0)	-3.9	(3.1)	-0.3	(0.7)	-0.4	(2.2)	-0.3	(1.0)
Singapore	m	m	m	m	m	m	m	m	m	m	m	m
Chinese Taipei	1.1	(1.7)	0.8	(3.0)	0.5	(1.8)	0.8	(2.7)	0.6	(1.8)	0.1	(3.1)
Thailand	-2.2	(6.1)	-0.1	(0.3)	2.7	(6.6)	0.1	(0.3)	-4.9	(2.9)	-0.2	(0.4)
Trinidad and Tobago	m	m	m	m	m	m	m	m	m	m	m	m
Tunisia	1.1	(6.5)	0.0	(0.1)	4.9	(6.1)	-0.1	(0.1)	-3.9	(2.3)	0.1	(0.2)
United Arab Emirates	m	m	m	m	m	m	m	m	m	m	m	m
Uruguay	-3.9	(4.8)	-0.2	(0.6)	1.0	(4.8)	-0.1	(0.4)	-5.0	(2.7)	0.0	(0.7)
Viet Nam	m	m	m	m	m	m	m	m	m	m	m	m
Argentina**	-22.4	(4.6)	0.6	(0.4)	-11.2	(5.7)	-0.1	(0.3)	-11.1	(3.2)	0.7	(0.4)
Kazakhstan**	m	m	m	m	m	m	m	m	m	m	m	m
Malaysia**	m	m	m	m	m	m	m	m	m	m	m	m

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/1]


Table 1.2.8d Change between 2006 and 2015 in science performance, by gender (PISA 2015 - PISA 2006)

		Boys								Girls								Gender differences (boys - girls)							
		Mean		10th percentile	Median (50th percentile)		90th percentile	Mean		10th percentile	Median (50th percentile)		90th percentile	Mean		10th percentile	50th percentile		90th percentile						
		Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.						
OECD	Australia	-16 (5.9)	-23 (7.1)	-16 (6.5)	-11 (7.1)	-18 (5.5)	-22 (6.6)	-16 (5.8)	-18 (6.1)	2 (4.4)	-1 (6.1)	0 (5.6)	7 (6.8)												
	Austria	-10 (7.1)	-16 (9.2)	-9 (8.6)	-6 (8.2)	-21 (7.4)	-11 (12.1)	-26 (7.8)	-22 (7.6)	11 (6.9)	-5 (12.1)	17 (8.5)	16 (8.3)												
	Belgium	-3 (6.4)	-5 (9.4)	-3 (7.3)	-1 (5.9)	-14 (6.1)	-15 (9.4)	-17 (6.8)	-10 (6.3)	11 (5.4)	11 (9.6)	14 (7.5)	8 (5.5)												
	Canada	-8 (5.7)	-8 (7.4)	-11 (6.1)	-8 (6.6)	-5 (5.4)	-3 (6.6)	-6 (6.0)	-6 (6.5)	-3 (3.2)	-4 (5.8)	-4 (4.5)	-1 (6.3)												
	Chile	6 (7.6)	9 (7.8)	9 (8.5)	0 (10.2)	13 (6.8)	17 (7.6)	15 (7.7)	3 (10.2)	-7 (5.9)	-9 (7.2)	-6 (6.8)	-3 (11.3)												
	Czech Republic	-18 (7.0)	-25 (8.1)	-15 (8.5)	-14 (8.0)	-22 (7.0)	-8 (10.7)	-27 (7.4)	-32 (8.2)	4 (6.7)	-17 (10.7)	11 (8.7)	18 (8.4)												
	Denmark	5 (6.3)	9 (8.4)	3 (7.0)	3 (8.4)	7 (6.5)	10 (8.8)	9 (7.1)	0 (7.4)	-3 (4.6)	-2 (8.5)	-7 (5.8)	3 (8.2)												
	Estonia	6 (6.1)	-7 (8.6)	8 (6.4)	12 (7.3)	-1 (5.8)	-8 (7.5)	0 (6.7)	4 (7.7)	7 (4.2)	1 (8.1)	9 (6.1)	8 (7.8)												
	Finland	-40 (5.8)	-57 (8.3)	-39 (6.5)	-28 (7.0)	-24 (5.7)	-39 (7.9)	-23 (6.2)	-16 (6.7)	-16 (3.8)	-18 (8.1)	-16 (5.1)	-12 (7.0)												
	France	-1 (6.8)	-4 (10.2)	1 (8.1)	-1 (7.4)	0 (6.3)	-3 (8.6)	-1 (7.8)	1 (7.1)	-1 (5.3)	-1 (9.8)	2 (8.0)	-3 (6.8)												
	Germany	-5 (7.2)	-1 (11.3)	-8 (8.3)	-4 (7.9)	-8 (6.5)	-9 (9.5)	-10 (6.9)	-7 (6.9)	3 (4.5)	7 (9.7)	2 (6.3)	3 (7.3)												
	Greece	-17 (7.9)	-13 (11.0)	-22 (9.0)	-16 (8.1)	-20 (6.8)	-27 (9.9)	-21 (7.6)	-11 (7.8)	3 (6.0)	14 (10.8)	-1 (8.0)	-4 (7.6)												
	Hungary	-29 (6.5)	-38 (8.9)	-30 (7.9)	-19 (8.1)	-25 (6.4)	-46 (8.7)	-22 (7.7)	-13 (7.9)	-3 (5.8)	8 (10.0)	-8 (8.3)	-6 (8.6)												
	Iceland	-16 (5.8)	-10 (8.4)	-17 (7.6)	-23 (8.5)	-19 (5.4)	-13 (7.5)	-21 (6.1)	-21 (7.2)	3 (4.8)	4 (9.1)	4 (7.9)	-1 (9.4)												
	Ireland	0 (7.0)	3 (9.5)	-1 (7.5)	-6 (7.4)	-11 (6.2)	-1 (8.2)	-12 (7.0)	-22 (6.8)	11 (5.4)	4 (9.4)	12 (7.1)	16 (7.1)												
	Israel	13 (8.6)	18 (11.2)	16 (11.3)	6 (8.9)	12 (7.4)	17 (9.4)	13 (8.3)	3 (7.9)	1 (8.5)	0 (12.5)	3 (11.4)	3 (8.8)												
	Italy	12 (6.2)	16 (7.6)	11 (7.0)	4 (6.7)	-2 (6.2)	-1 (8.3)	1 (7.4)	-7 (6.7)	14 (5.8)	17 (8.5)	11 (7.7)	11 (6.8)												
	Japan	12 (7.8)	24 (10.4)	11 (8.5)	4 (8.1)	2 (7.4)	6 (11.8)	1 (8.2)	-3 (7.5)	10 (8.4)	17 (13.8)	10 (9.3)	7 (8.4)												
	Korea	-10 (8.0)	-22 (10.7)	-11 (8.9)	3 (8.4)	-2 (6.8)	-6 (9.2)	-1 (7.0)	0 (7.4)	-8 (7.5)	-16 (11.3)	-10 (8.9)	3 (7.6)												
	Latvia	-1 (6.0)	-2 (7.9)	-3 (6.8)	-2 (7.9)	3 (5.9)	7 (8.1)	1 (6.4)	1 (6.9)	-4 (4.2)	-9 (8.4)	-4 (6.0)	-3 (8.1)												
	Luxembourg	-4 (5.1)	-6 (7.0)	-11 (5.8)	7 (6.6)	-3 (5.1)	-8 (7.1)	-6 (5.6)	6 (6.1)	-2 (3.7)	3 (7.5)	-5 (5.1)	0 (6.4)												
	Mexico	7 (6.1)	17 (7.8)	6 (6.6)	-4 (7.6)	5 (5.7)	21 (6.9)	6 (5.9)	-11 (6.7)	2 (3.2)	-3 (6.3)	0 (4.2)	7 (6.1)												
	Netherlands	-18 (6.2)	-26 (9.3)	-19 (7.1)	-7 (7.3)	-15 (6.0)	-19 (9.7)	-18 (7.4)	-9 (7.0)	-3 (4.2)	-7 (9.1)	-1 (6.3)	1 (6.9)												
	New Zealand	-13 (6.8)	-13 (9.2)	-13 (7.6)	-14 (8.7)	-21 (6.3)	-17 (8.7)	-23 (7.7)	-26 (7.6)	9 (6.3)	3 (10.1)	10 (8.2)	11 (9.4)												
	Norway	16 (6.5)	10 (10.9)	17 (6.7)	16 (7.7)	8 (6.1)	3 (8.1)	10 (7.0)	6 (7.5)	7 (4.5)	7 (10.4)	7 (6.0)	10 (8.1)												
	Poland	5 (6.0)	4 (7.3)	5 (7.2)	5 (7.8)	2 (5.9)	1 (7.4)	3 (6.9)	2 (8.0)	3 (3.8)	4 (7.5)	2 (6.3)	3 (8.0)												
	Portugal	29 (6.5)	20 (9.5)	30 (7.7)	37 (7.6)	24 (6.1)	23 (7.6)	24 (6.7)	25 (6.9)	5 (4.1)	-3 (8.2)	7 (5.9)	12 (7.9)												
	Slovak Republic	-31 (6.7)	-39 (9.3)	-31 (7.9)	-24 (7.6)	-24 (6.3)	-37 (9.4)	-21 (7.0)	-17 (7.6)	-7 (5.9)	-2 (10.5)	-11 (7.7)	-7 (7.5)												
	Slovenia	-5 (5.3)	-3 (6.7)	-1 (6.1)	-9 (8.1)	-7 (5.2)	-6 (7.5)	-6 (6.0)	-14 (8.2)	2 (4.2)	2 (7.9)	4 (6.5)	5 (10.6)												
	Spain	6 (5.9)	5 (7.9)	6 (6.6)	4 (6.3)	3 (5.8)	3 (7.7)	4 (6.2)	-1 (6.6)	2 (3.6)	2 (7.0)	1 (5.0)	5 (5.5)												
	Sweden	-13 (6.7)	-29 (9.9)	-14 (7.7)	4 (7.7)	-7 (6.5)	-18 (8.5)	-6 (7.7)	1 (7.8)	-6 (4.3)	-11 (10.2)	-8 (5.9)	3 (7.9)												
	Switzerland	-6 (6.4)	-9 (8.9)	-6 (7.1)	-1 (6.9)	-6 (6.7)	-3 (8.4)	-8 (7.4)	-7 (7.7)	1 (4.1)	-6 (7.2)	2 (5.7)	6 (6.4)												
	Turkey	4 (7.8)	3 (7.3)	8 (8.4)	-10 (13.8)	-2 (7.5)	-5 (8.0)	1 (8.5)	-5 (12.7)	6 (5.9)	9 (8.4)	8 (7.9)	-5 (9.5)												
	United Kingdom	-10 (6.1)	3 (8.8)	-12 (6.8)	-22 (7.9)	-1 (6.2)	-1 (7.8)	0 (6.8)	-7 (7.7)	-9 (4.9)	3 (8.0)	-13 (6.2)	-15 (8.8)												
	United States	10 (7.7)	21 (9.0)	10 (8.8)	-1 (8.0)	4 (6.9)	14 (9.2)	4 (7.5)	-4 (8.8)	6 (4.7)	7 (8.9)	6 (6.7)	3 (8.0)												
	OECD average-35	-4 (4.6)	-5 (4.7)	-4 (4.6)	-4 (4.6)	-6 (4.5)	-6 (4.7)	-6 (4.6)	-7 (4.6)	1 (0.9)	0 (1.6)	1 (1.2)	3 (1.3)												
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m												
	Algeria	m	m	m	m	m	m	m	m	m	m	m	m												
	Brazil	8 (6.0)	6 (6.9)	6 (6.2)	12 (10.0)	13 (5.8)	13 (6.3)	12 (6.0)	11 (8.1)	-5 (2.8)	-6 (5.7)	-7 (3.8)	1 (7.8)												
	B-S-J-G (China)	m	m	m	m	m	m	m	m	m	m	m	m												
	Bulgaria	13 (9.6)	14 (9.7)	15 (11.0)	3 (12.9)	11 (9.3)	13 (13.0)	15 (11.6)	2 (10.8)	2 (7.4)	1 (11.5)	0 (11.1)	1 (10.4)												
	CABA (Argentina)	m	m	m	m	m	m	m	m	m	m	m	m												
	Colombia	28 (6.8)	37 (7.9)	23 (7.7)	25 (7.7)	27 (6.6)	34 (8.3)	22 (7.0)	29 (8.0)	1 (5.5)	4 (8.0)	1 (6.9)	-4 (8.2)												
	Costa Rica	m	m	m	m	m	m	m	m	m	m	m	m												
	Croatia	-14 (6.4)	-22 (8.1)	-14 (7.3)	-5 (7.3)	-22 (6.1)	-24 (7.9)	-23 (7.2)	-18 (7.2)	8 (5.3)	3 (8.4)	9 (7.1)	13 (7.0)												
	Cyprus*	m	m	m	m	m	m	m	m	m	m	m	m												
	Dominican Republic	m	m	m	m	m	m	m	m	m	m	m	m												
	FYROM	m	m	m	m	m	m	m	m	m	m	m	m												
	Georgia	m	m	m	m	m	m	m	m	m	m	m	m												
	Hong Kong (China)	-23 (6.5)	-8 (10.6)	-25 (6.7)	-35 (7.7)	-15 (6.6)	1 (9.6)	-15 (7.2)	-33 (6.9)	-8 (6.4)	-9 (11.3)	-10 (7.5)	-2 (7.5)												
	Indonesia	2 (9.8)	8 (7.7)	2 (9.4)	-8 (16.8)	18 (6.5)	15 (6.5)	18 (6.8)	20 (10.2)	-16 (6.9)	-7 (5.9)	-15 (6.8)	-29 (13.6)												
	Jordan	-19 (7.4)	-12 (9.1)	-20 (7.8)	-24 (10.6)	-8 (6.6)	-2 (8.3)	-6 (7.1)	-17 (7.7)	-10 (7.6)	-10 (10.4)	-14 (8.3)	-6 (10.5)												
	Kosovo	m	m	m	m	m	m	m	m	m	m	m	m												
	Lebanon	m	m	m	m	m	m	m	m	m	m	m	m												
	Lithuania	-12 (6.3)	-17 (7.6)	-15 (6.7)	-3 (9.0)	-13 (6.1)	-10 (7.7)	-17 (6.5)	-11 (8.1)	2 (4.1)	-7 (7.6)	2 (5.7)	8 (9.2)												
	Macao (China)	12 (5.1)	6 (6.9)	13 (5.8)	16 (6.7)	23 (5.0)	20 (6.4)	25 (5.7)	24 (6.2)	-11 (3.5)	-14 (6.8)	-12 (5.1)	-7 (7.2)												
	Malta	m	m	m	m	m	m	m	m	m	m	m	m												
	Moldova	m	m	m	m	m	m	m	m	m	m	m	m												
	Montenegro	-2 (5.1)	-12 (6.3)	-4 (5.6)	11 (7.4)	1 (5.0)	-2 (5.9)	1 (5.5)	7 (7.0)	-3 (3.4)	-10 (6.0)	-5 (4.7)	4 (7.6)												
	Peru	m	m	m	m	m	m	m	m	m	m	m	m												
	Qatar	73 (4.8)	45 (5.6)	72 (5.1)	104 (7.1)	64 (4.8)	39 (5.6)	67 (5.1)	87 (6.5)	9 (2.5)	6 (4.4)	6 (3.4)	17 (7.8)												
	Romania	15 (7.1)	20 (7.8)	16 (8.6)	7 (9.9)	18 (7.4)	19 (9.5)	19 (8.1)	19 (9.6)	-4 (4.5)	1 (7.7)	-3 (6.3)	-13 (8.8)												
	Russia	8 (7.0)	16 (9.3)	7 (7.9)	-4 (8.1)	6 (6.6)	14 (8.2)	6 (7.1)	-1 (7.5)	1 (4.2)	2 (7.3)	2 (5.6)	-2 (6.9)												
	Singapore	m	m	m	m	m	m	m	m	m	m	m	m												
	Chinese Taipei	-1 (7.4)	-9 (9.4)	0 (8.2)	5 (8.7)	1 (7.8)	-4 (9.6)	1 (8.3)	4 (9.6)	-3 (8.3)	-4 (9.7)	-1 (9.5)	1 (12.0)												
	Thailand	5 (6.7)	7 (8.0)	5 (7.2)	2 (9.4)	-3 (5.9)	-8 (6.6)	-4 (6.3)	4 (8.5)	8 (5.0)	15 (7.2)	9 (6.0)	-2 (9.1)												
	Trinidad and Tobago	m	m	m	m	m	m	m	m	m	m	m	m												
	Tunisia	5 (6.0)	27 (7.3)	4 (6.5)	-18 (9.4)	-3 (6.1)	20 (7.1)	-5 (6.1)	-28 (9.6)	9 (3.8)	7 (7.0)	9 (4.6)	9 (9.3)												
	United Arab Emirates	m	m	m	m	m	m	m	m	m	m	m	m												
	Uruguay	13 (6.7)	25 (9.5)	9 (7.5)	8 (8.3)	2 (5.7)	13 (7.7)	-2 (6.5)	-3 (7.1)	12 (5.0)	12 (10.3)	11 (7.1)	11 (7.4)												
	Viet Nam	m	m	m	m	m	m	m	m	m	m	m	m												
	Argentina**	56 (8.5)	86 (14.7)	54 (9.2)	34 (9.4)	28 (8.8)	58 (9.6)	25 (9.4)	0 (10.6)	28 (6.3)	28 (12.2)	29 (8.1)	34 (10.1)												
	Kazakhstan**	m	m	m	m	m	m	m	m	m	m	m	m												
	Malaysia**	m	m	m	m	m	m	m	m	m	m	m	m												

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/1]

Table I.2.11 Socio-economic indicators and performance in science


	Mean performance in science	Socio-economic indicators					Adjusted performance in science after accounting for per capita GDP
		Per capita GDP (in equivalent USD converted using PPPs) 2014 ¹	Cumulative expenditure per student between 6 and 15 years (in equivalent USD converted using PPPs) ¹	Percentage of 35-44 year-olds with tertiary education ²	Share of students in their own country whose PISA index of economic, social and cultural status is below -1	Proportion of 15-year-olds with an immigrant background (first generation)	
OECD							
Australia	510	45 925	92 316	45.9	6.4	12.3	503
Austria	495	47 682	132 955	33.2	8.5	7.6	487
Belgium	502	43 435	110 316	42.2	10.8	8.7	498
Canada	528	45 066	94 254	60.6	3.9	14.2	522
Chile	447	22 071	40 607	24.2	34.4	1.6	473
Czech Republic	493	31 186	63 576	21.2	15.9	1.7	503
Denmark	502	45 537	103 852	40.6	5.2	2.8	495
Estonia	534	28 140	63 858	39.0	8.8	0.7	549
Finland	531	40 676	101 527	49.9	4.1	2.2	529
France	495	39 328	89 435	39.1	14.1	4.5	495
Germany	509	46 401	92 214	28.5	12.1	3.7	502
Greece	455	26 851	m	27.1	19.2	3.8	472
Hungary	477	25 069	47 229	24.5	23.1	1.1	497
Iceland	473	43 993	107 811	42.0	1.6	2.8	468
Ireland	503	49 393	91 171	49.0	8.2	11.0	493
Israel	467	33 703	64 973	52.8	8.9	4.5	473
Italy	481	35 463	86 701	19.4	18.3	4.8	485
Japan	538	36 619	93 200	28.5	13.8	0.2	542
Korea	516	33 395	79 517	56.4	11.9	0.1	523
Latvia	490	23 548	59 899	31.4	31.8	1.0	513
Luxembourg	483	98 460	187 459	55.8	17.9	21.4	442
Mexico	416	17 315	27 848	17.5	59.0	0.9	452
Netherlands	509	48 253	99 430	37.6	6.3	2.2	500
New Zealand	513	37 679	80 890	40.7	7.5	16.2	515
Norway	498	65 614	135 227	48.7	2.8	6.1	476
Poland	501	25 262	67 767	31.9	26.2	0.2	521
Portugal	501	28 760	83 050	26.4	33.8	4.1	515
Slovak Republic	461	28 327	58 382	20.7	12.9	0.6	475
Slovenia	513	30 403	92 850	34.7	11.6	3.3	524
Spain	493	33 629	74 947	42.8	36.9	9.1	500
Sweden	493	45 297	110 733	46.1	5.9	7.6	487
Switzerland	506	59 540	173 151	44.8	11.0	10.4	487
Turkey	425	19 788	32 752	15.9	64.4	0.3	456
United Kingdom	509	40 233	114 920	45.8	8.5	8.8	508
United States	496	54 629	115 180	47.2	14.8	7.4	482
OECD average	493	39 333	90 294	37.5	16.6	5.4	493
Partners							
Albania	427	11 108	m	m	46.9	0.2	483
Algeria	376	14 244	m	m	60.6	0.0	421
Brazil	401	15 893	38 190	14.1	50.5	0.3	441
B-5-J-G (China)	518	m	m	m	58.4	0.2	m
Bulgaria	446	17 260	29 980	m	19.5	0.5	482
CABA (Argentina)	475	m	m	m	21.0	6.2	m
Colombia	416	13 357	24 395	23.0	50.2	0.2	464
Costa Rica	420	14 885	46 531	18.3	45.2	2.6	463
Croatia	475	20 939	50 722	m	17.3	1.8	503
Cyprus*	433	29 790	112 133	m	9.7	8.0	445
Dominican Republic	332	13 964	24 264	m	47.3	0.8	377
FYROM	384	13 523	m	m	19.7	0.7	431
Georgia	411	6 666	11 704	m	25.9	0.3	490
Hong Kong (China)	523	55 195	m	m	33.9	13.8	508
Indonesia	403	10 517	m	8.5	78.5	0.1	461
Jordan	409	12 050	m	m	27.6	3.1	461
Kosovo	378	9 114	m	m	15.2	0.7	443
Lebanon	386	17 462	m	m	32.8	1.8	422
Lithuania	475	27 581	48 389	37.6	18.8	0.4	491
Macao (China)	529	127 051	m	m	31.5	18.9	477
Malta	465	31 661	112 780	m	19.1	3.5	474
Moldova	428	4 983	m	m	38.7	0.4	519
Montenegro	411	14 656	25 786	m	16.6	1.9	455
Peru	397	12 043	20 114	m	56.0	0.1	449
Qatar	418	138 050	m	m	4.2	40.0	362
Romania	435	20 348	m	m	31.0	0.1	464
Russia	487	22 990	51 492	55.3	9.2	3.1	510
Singapore	556	82 515	130 611	m	15.0	14.1	523
Chinese Taipei	532	22 648	46 009	m	18.3	0.1	557
Thailand	421	16 804	27 220	m	62.6	0.1	459
Trinidad and Tobago	425	31 967	m	m	20.0	1.5	434
Tunisia	386	11 436	m	m	46.6	0.5	441
United Arab Emirates	437	67 674	m	m	3.7	34.4	413
Uruguay	435	20 881	31 811	m	46.4	0.3	463
Viet Nam	525	5 629	m	m	80.4	0.0	611
Argentina**	432	21 795	48 947	m	44.7	1.4	458
Kazakhstan**	456	23 429	22 689	m	13.1	3.6	479
Malaysia**	443	25 639	m	m	34.2	0.1	462

1. Source: OECD, PISA 2015 Database, Table II.6.59.

2. Source: OECD, *Education at a Glance 2015: OECD Indicators*.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/1]


Table 1.2.12a Index of epistemic beliefs

Percentage of students who reported "agree" or "strongly agree"

	Index of epistemic beliefs	Percentage of students who agreed with the following statements:											
		A good way to know if something is true is to do an experiment		Ideas in <broad science> sometimes change		Good answers are based on evidence from many different experiments		It is good to try experiments more than once to make sure of your findings		Sometimes <broad science> scientists change their minds about what is true in science		The ideas in <broad science> science books sometimes change	
OECD													
Australia	0.26 (0.01)	89.3 (0.3)	91.5 (0.3)	92.0 (0.3)	93.0 (0.3)	87.3 (0.3)	85.6 (0.4)						
Austria	-0.14 (0.02)	73.3 (0.8)	62.6 (0.8)	76.3 (0.7)	77.0 (0.6)	67.1 (0.7)	66.7 (0.7)						
Belgium	0.00 (0.01)	87.7 (0.5)	82.2 (0.6)	87.6 (0.5)	86.2 (0.5)	81.6 (0.5)	79.5 (0.6)						
Canada	0.30 (0.01)	89.3 (0.4)	89.4 (0.4)	91.2 (0.3)	91.6 (0.3)	88.1 (0.3)	87.2 (0.4)						
Chile	-0.15 (0.02)	80.1 (0.7)	77.0 (0.7)	81.3 (0.7)	83.1 (0.7)	74.9 (0.7)	70.8 (0.7)						
Czech Republic	-0.23 (0.02)	82.1 (0.7)	78.7 (0.7)	84.2 (0.7)	83.4 (0.7)	81.4 (0.7)	76.8 (0.7)						
Denmark	0.17 (0.02)	88.4 (0.5)	84.6 (0.6)	88.6 (0.6)	87.3 (0.6)	88.9 (0.6)	81.0 (0.6)						
Estonia	0.01 (0.01)	87.8 (0.5)	84.6 (0.5)	89.0 (0.5)	88.9 (0.5)	82.9 (0.4)	85.3 (0.5)						
Finland	-0.07 (0.02)	84.1 (0.6)	84.3 (0.6)	87.5 (0.6)	87.0 (0.6)	77.9 (0.6)	80.8 (0.6)						
France	0.01 (0.02)	87.5 (0.5)	83.0 (0.6)	86.2 (0.6)	84.2 (0.6)	80.7 (0.5)	79.9 (0.6)						
Germany	-0.16 (0.02)	78.2 (0.9)	70.9 (0.8)	78.8 (0.8)	76.5 (0.9)	65.3 (0.9)	66.1 (0.9)						
Greece	-0.19 (0.02)	80.2 (0.7)	69.7 (0.9)	84.6 (0.8)	84.2 (0.8)	74.9 (0.7)	69.5 (0.7)						
Hungary	-0.36 (0.02)	77.8 (0.8)	71.2 (0.8)	80.5 (0.7)	80.0 (0.8)	67.8 (0.8)	70.3 (0.8)						
Iceland	0.29 (0.02)	87.3 (0.6)	87.9 (0.6)	89.7 (0.5)	90.1 (0.6)	86.5 (0.6)	85.1 (0.6)						
Ireland	0.21 (0.01)	93.4 (0.4)	91.8 (0.4)	93.2 (0.4)	93.9 (0.3)	81.6 (0.5)	81.8 (0.6)						
Israel	0.18 (0.02)	85.9 (0.7)	83.5 (0.6)	85.9 (0.7)	86.1 (0.6)	80.6 (0.7)	78.4 (0.8)						
Italy	-0.10 (0.02)	85.6 (0.6)	80.2 (0.6)	83.9 (0.7)	86.9 (0.6)	76.6 (0.7)	76.2 (0.5)						
Japan	-0.06 (0.02)	80.6 (0.6)	82.4 (0.6)	84.6 (0.5)	81.2 (0.5)	76.3 (0.6)	76.9 (0.7)						
Korea	0.02 (0.02)	86.2 (0.6)	89.5 (0.6)	87.0 (0.6)	87.5 (0.6)	87.9 (0.7)	86.2 (0.7)						
Latvia	-0.26 (0.01)	80.8 (0.6)	79.0 (0.7)	80.6 (0.6)	76.6 (0.6)	78.7 (0.6)	77.8 (0.7)						
Luxembourg	-0.15 (0.01)	79.8 (0.6)	68.1 (0.7)	80.2 (0.6)	78.4 (0.7)	67.8 (0.7)	68.0 (0.7)						
Mexico	-0.17 (0.02)	83.8 (0.5)	75.8 (0.7)	83.5 (0.6)	80.2 (0.6)	75.1 (0.6)	77.3 (0.6)						
Netherlands	-0.19 (0.01)	85.5 (0.6)	80.7 (0.6)	85.3 (0.6)	85.4 (0.5)	77.3 (0.6)	71.7 (0.7)						
New Zealand	0.22 (0.02)	89.7 (0.5)	90.7 (0.6)	91.5 (0.5)	92.9 (0.4)	86.5 (0.6)	83.8 (0.7)						
Norway	-0.01 (0.02)	84.0 (0.6)	83.3 (0.6)	86.8 (0.5)	85.3 (0.5)	83.7 (0.6)	80.5 (0.6)						
Poland	-0.08 (0.02)	86.5 (0.6)	77.8 (0.7)	84.8 (0.6)	84.9 (0.6)	79.6 (0.6)	83.0 (0.6)						
Portugal	0.28 (0.02)	90.4 (0.4)	90.9 (0.4)	90.9 (0.5)	93.4 (0.3)	89.4 (0.5)	89.8 (0.5)						
Slovak Republic	-0.35 (0.02)	75.3 (0.8)	74.5 (0.7)	78.4 (0.7)	76.7 (0.7)	75.2 (0.7)	72.5 (0.7)						
Slovenia	0.07 (0.02)	88.6 (0.5)	86.6 (0.5)	89.4 (0.4)	90.0 (0.5)	81.3 (0.7)	78.3 (0.7)						
Spain	0.11 (0.02)	85.5 (0.5)	82.1 (0.6)	86.9 (0.5)	87.9 (0.5)	81.0 (0.6)	81.2 (0.6)						
Sweden	0.14 (0.02)	85.6 (0.6)	85.9 (0.7)	87.3 (0.6)	88.2 (0.6)	85.6 (0.7)	83.8 (0.7)						
Switzerland	-0.07 (0.02)	81.0 (0.8)	69.6 (0.8)	81.4 (0.8)	79.6 (0.8)	70.7 (0.9)	70.8 (0.8)						
Turkey	-0.17 (0.03)	73.3 (0.9)	71.9 (1.0)	76.1 (0.9)	75.9 (0.8)	72.0 (0.9)	71.3 (0.9)						
United Kingdom	0.22 (0.02)	90.0 (0.5)	91.6 (0.4)	91.0 (0.4)	92.7 (0.4)	87.1 (0.5)	86.7 (0.5)						
United States	0.25 (0.02)	90.0 (0.5)	91.6 (0.5)	91.2 (0.4)	91.7 (0.5)	86.1 (0.5)	86.8 (0.6)						
OECD average	0.00 (0.00)	84.4 (0.1)	81.3 (0.1)	85.6 (0.1)	85.4 (0.1)	79.6 (0.1)	78.5 (0.1)						
Partners													
Albania	-0.03 (0.02)	84.6 (0.7)	78.3 (0.6)	75.2 (0.8)	85.2 (0.6)	75.4 (0.8)	88.6 (0.6)						
Algeria	-0.31 (0.02)	78.5 (0.9)	71.0 (0.8)	74.8 (0.7)	78.4 (0.8)	63.9 (0.8)	64.8 (0.8)						
Brazil	-0.07 (0.01)	85.1 (0.4)	84.4 (0.5)	87.6 (0.4)	88.4 (0.4)	82.1 (0.5)	78.9 (0.5)						
B-S-J-G (China)	-0.08 (0.02)	89.0 (0.6)	82.7 (0.7)	91.5 (0.5)	86.8 (0.6)	82.3 (0.6)	82.2 (0.6)						
Bulgaria	-0.18 (0.02)	80.9 (0.9)	76.6 (0.9)	82.4 (0.9)	80.2 (0.8)	77.3 (0.7)	76.6 (0.9)						
CABA (Argentina)	0.09 (0.04)	83.7 (1.1)	85.0 (1.2)	84.4 (1.2)	86.9 (0.8)	79.7 (0.9)	75.2 (1.2)						
Colombia	-0.19 (0.01)	80.8 (0.7)	77.3 (0.6)	82.4 (0.6)	84.0 (0.5)	74.6 (0.7)	71.9 (0.6)						
Costa Rica	-0.15 (0.02)	79.2 (0.6)	74.7 (0.6)	81.5 (0.6)	83.2 (0.6)	78.0 (0.6)	76.7 (0.6)						
Croatia	0.03 (0.02)	89.0 (0.6)	86.6 (0.6)	89.3 (0.5)	84.7 (0.5)	83.4 (0.6)	82.7 (0.6)						
Cyprus*	-0.15 (0.02)	78.2 (0.6)	73.6 (0.6)	80.8 (0.6)	79.9 (0.6)	75.5 (0.7)	74.0 (0.6)						
Dominican Republic	-0.10 (0.03)	78.3 (0.9)	77.3 (0.9)	80.4 (0.9)	79.5 (0.8)	74.0 (0.9)	71.0 (0.9)						
FYROM	-0.18 (0.01)	78.4 (0.5)	78.3 (0.6)	81.1 (0.5)	83.9 (0.5)	75.3 (0.6)	76.5 (0.6)						
Georgia	0.05 (0.02)	86.2 (0.6)	86.5 (0.6)	86.2 (0.6)	86.0 (0.6)	82.1 (0.7)	78.2 (0.7)						
Hong Kong (China)	0.04 (0.02)	85.1 (0.5)	88.7 (0.5)	90.2 (0.5)	90.2 (0.6)	88.3 (0.6)	86.3 (0.6)						
Indonesia	-0.30 (0.01)	91.7 (0.5)	61.9 (0.8)	84.1 (0.5)	89.8 (0.4)	69.4 (0.7)	58.2 (0.8)						
Jordan	-0.13 (0.02)	74.9 (1.1)	75.4 (0.9)	79.1 (0.8)	80.8 (0.7)	71.7 (0.8)	71.0 (0.9)						
Kosovo	0.03 (0.02)	84.2 (0.7)	80.1 (0.7)	84.9 (0.6)	86.8 (0.6)	74.3 (0.8)	76.8 (0.7)						
Lebanon	-0.24 (0.03)	79.4 (1.2)	65.5 (1.3)	81.2 (0.9)	81.3 (1.0)	68.2 (1.2)	67.4 (1.2)						
Lithuania	0.11 (0.02)	81.0 (0.6)	78.9 (0.6)	81.1 (0.6)	79.1 (0.5)	77.5 (0.6)	76.6 (0.6)						
Macao (China)	-0.06 (0.01)	87.8 (0.5)	88.1 (0.5)	91.0 (0.5)	82.3 (0.6)	86.0 (0.6)	85.2 (0.6)						
Malta	0.09 (0.02)	85.1 (0.6)	85.5 (0.6)	88.7 (0.5)	89.3 (0.5)	75.6 (0.7)	77.2 (0.7)						
Moldova	-0.14 (0.01)	82.0 (0.6)	82.7 (0.7)	86.8 (0.6)	85.2 (0.6)	80.4 (0.6)	74.2 (0.7)						
Montenegro	-0.32 (0.02)	71.3 (0.8)	74.3 (0.7)	76.9 (0.7)	78.6 (0.6)	74.7 (0.8)	75.3 (0.7)						
Peru	-0.16 (0.01)	81.5 (0.6)	79.4 (0.6)	81.8 (0.5)	84.4 (0.5)	76.3 (0.6)	75.0 (0.6)						
Qatar	-0.10 (0.01)	79.9 (0.4)	78.3 (0.4)	82.5 (0.4)	83.1 (0.4)	76.7 (0.4)	76.0 (0.4)						
Romania	-0.38 (0.02)	76.5 (1.4)	66.1 (1.3)	81.6 (1.0)	79.5 (1.1)	66.7 (1.0)	62.9 (0.9)						
Russia	-0.26 (0.02)	78.8 (0.9)	78.9 (0.8)	82.5 (0.7)	82.0 (0.7)	80.6 (0.6)	77.7 (0.8)						
Singapore	0.22 (0.01)	91.2 (0.4)	89.4 (0.4)	93.9 (0.3)	95.0 (0.3)	87.5 (0.5)	86.6 (0.4)						
Chinese Taipei	0.31 (0.02)	87.6 (0.5)	93.8 (0.3)	94.2 (0.3)	93.7 (0.3)	93.5 (0.3)	93.7 (0.3)						
Thailand	-0.07 (0.02)	88.9 (0.6)	87.7 (0.5)	88.6 (0.5)	89.5 (0.5)	87.0 (0.6)	87.4 (0.5)						
Trinidad and Tobago	-0.02 (0.02)	86.2 (0.6)	79.5 (0.7)	87.2 (0.6)	88.2 (0.5)	74.9 (0.8)	75.1 (0.7)						
Tunisia	-0.31 (0.02)	77.8 (0.8)	66.4 (1.0)	79.6 (0.8)	82.4 (0.8)	69.4 (0.8)	68.9 (0.9)						
United Arab Emirates	0.04 (0.01)	84.1 (0.5)	81.6 (0.5)	85.2 (0.4)	86.7 (0.4)	80.4 (0.5)	79.7 (0.5)						
Uruguay	-0.13 (0.02)	78.6 (0.7)	80.3 (0.6)	80.4 (0.7)	82.0 (0.6)	77.4 (0.6)	77.5 (0.6)						
Viet Nam	-0.15 (0.02)	81.8 (0.7)	81.6 (0.6)	88.1 (0.6)	83.2 (0.7)	77.9 (0.8)	77.9 (0.7)						
Argentina**	-0.26 (0.02)	74.6 (0.8)	76.3 (0.8)	76.2 (0.7)	78.7 (0.8)	74.1 (0.8)	69.1 (0.7)						
Kazakhstan**	-0.04 (0.02)	84.2 (0.6)	78.9 (0.6)	87.2 (0.6)	86.6 (0.6)	79.6 (0.7)	73.8 (0.8)						
Malaysia**	0.06 (0.02)	92.3 (0.5)	84.9 (0.6)	91.6 (0.6)	91.0 (0.5)	85.3 (0.5)	80.1 (0.6)						

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 2/2]

Table 1.2.12b Index of epistemic beliefs and performance in science, by national quarters of this index


Results based on students' self-reports

	Difference in science performance between students in the top quarter and students in the bottom quarter of this index		Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national science performance distribution		Explained variance in student performance in science (r-squared x 100)	
	Score dif.	S.E.	Score dif.	S.E.	Relative risk	S.E.	%	S.E.
OECD								
Australia	104	(3.2)	39	(1.3)	2.2	(0.1)	14.9	(0.8)
Austria	108	(4.3)	36	(1.4)	2.6	(0.2)	18.0	(1.2)
Belgium	93	(3.9)	34	(1.5)	2.4	(0.1)	11.8	(0.9)
Canada	81	(3.2)	29	(1.1)	2.1	(0.1)	11.3	(0.8)
Chile	70	(4.5)	23	(1.4)	1.8	(0.1)	7.3	(0.8)
Czech Republic	100	(5.2)	41	(1.8)	2.5	(0.1)	14.0	(1.1)
Denmark	95	(4.1)	32	(1.6)	2.5	(0.1)	14.2	(1.2)
Estonia	87	(4.3)	36	(1.8)	2.2	(0.1)	12.7	(1.1)
Finland	107	(4.2)	38	(1.8)	2.4	(0.1)	14.6	(1.3)
France	79	(5.3)	30	(1.7)	2.1	(0.1)	8.9	(1.0)
Germany	101	(5.7)	34	(2.0)	2.4	(0.2)	12.1	(1.3)
Greece	90	(5.6)	36	(2.1)	2.1	(0.2)	12.6	(1.3)
Hungary	95	(4.8)	35	(2.0)	2.3	(0.1)	9.7	(1.0)
Iceland	84	(4.9)	28	(1.6)	2.3	(0.1)	13.1	(1.3)
Ireland	79	(4.2)	36	(1.6)	1.9	(0.1)	12.0	(0.9)
Israel	113	(4.9)	38	(1.6)	2.9	(0.2)	16.9	(1.2)
Italy	86	(4.4)	34	(1.7)	2.3	(0.1)	10.7	(1.1)
Japan	99	(3.9)	34	(1.5)	2.4	(0.1)	14.1	(1.0)
Korea	97	(4.9)	38	(1.6)	2.2	(0.1)	15.2	(1.0)
Latvia	74	(4.0)	27	(1.6)	2.0	(0.1)	8.8	(0.9)
Luxembourg	108	(4.3)	35	(1.4)	2.6	(0.1)	14.3	(1.1)
Mexico	47	(4.0)	17	(1.5)	1.7	(0.1)	5.1	(0.8)
Netherlands	113	(4.3)	46	(1.7)	2.5	(0.1)	15.9	(1.1)
New Zealand	97	(5.2)	40	(1.9)	2.0	(0.1)	14.0	(1.2)
Norway	102	(4.4)	35	(1.5)	2.4	(0.1)	13.9	(1.0)
Poland	80	(4.6)	27	(1.7)	2.1	(0.1)	8.0	(0.9)
Portugal	86	(4.1)	33	(1.3)	1.9	(0.1)	13.2	(1.0)
Slovak Republic	106	(4.5)	36	(1.8)	2.6	(0.2)	12.7	(1.0)
Slovenia	81	(4.9)	33	(1.9)	2.0	(0.1)	10.7	(1.1)
Spain	82	(3.7)	30	(1.4)	2.2	(0.1)	12.1	(1.0)
Sweden	109	(5.4)	38	(1.9)	2.5	(0.1)	16.9	(1.4)
Switzerland	100	(6.2)	34	(2.0)	2.5	(0.2)	13.0	(1.3)
Turkey	64	(5.3)	18	(1.5)	2.0	(0.1)	7.4	(1.0)
United Kingdom	98	(4.4)	37	(1.8)	2.3	(0.1)	12.5	(1.1)
United States	90	(4.9)	32	(1.6)	2.0	(0.1)	11.8	(1.0)
OECD average	91	(0.8)	33	(0.3)	2.3	(0.0)	12.4	(0.2)
Partners								
Albania	m	m	m	m	m	m	m	m
Algeria	37	(3.7)	16	(1.4)	1.5	(0.1)	4.0	(0.6)
Brazil	69	(3.8)	27	(1.6)	1.7	(0.1)	7.1	(0.7)
B-S-J-G (China)	95	(6.7)	37	(2.9)	1.9	(0.1)	9.5	(1.2)
Bulgaria	104	(6.2)	34	(2.1)	2.6	(0.2)	11.8	(1.2)
CABA (Argentina)	84	(7.5)	28	(2.6)	2.2	(0.2)	11.4	(1.8)
Colombia	56	(4.1)	21	(1.4)	1.9	(0.1)	6.2	(0.7)
Costa Rica	46	(3.6)	16	(1.4)	1.5	(0.1)	5.5	(0.9)
Croatia	78	(4.4)	32	(1.7)	2.1	(0.1)	11.5	(1.1)
Cyprus*	101	(3.5)	33	(1.4)	2.4	(0.1)	14.2	(1.0)
Dominican Republic	48	(5.1)	13	(1.5)	1.9	(0.2)	4.5	(0.9)
FYROM	68	(4.1)	30	(1.8)	2.0	(0.1)	9.0	(1.0)
Georgia	105	(4.7)	42	(1.7)	2.6	(0.2)	18.3	(1.2)
Hong Kong (China)	60	(3.9)	23	(1.3)	1.8	(0.1)	7.3	(0.8)
Indonesia	38	(3.7)	16	(2.1)	1.5	(0.1)	2.7	(0.6)
Jordan	81	(4.5)	28	(1.6)	2.5	(0.2)	12.9	(1.3)
Kosovo	52	(3.8)	22	(1.5)	1.9	(0.2)	8.2	(1.0)
Lebanon	86	(7.0)	35	(3.0)	2.2	(0.2)	11.4	(1.7)
Lithuania	72	(3.6)	22	(1.0)	2.3	(0.1)	8.4	(0.7)
Macao (China)	58	(3.2)	26	(1.5)	1.7	(0.1)	6.8	(0.7)
Malta	131	(5.3)	54	(2.3)	2.6	(0.2)	18.9	(1.4)
Moldova	77	(4.4)	37	(1.9)	2.0	(0.1)	11.5	(1.1)
Montenegro	69	(3.5)	23	(1.4)	1.9	(0.1)	7.4	(0.8)
Peru	63	(3.3)	23	(1.3)	2.0	(0.1)	8.1	(0.8)
Qatar	105	(3.0)	33	(1.1)	2.5	(0.1)	12.3	(0.7)
Romania	53	(5.7)	27	(2.6)	1.7	(0.1)	6.5	(1.2)
Russia	75	(3.6)	27	(1.5)	2.0	(0.1)	8.6	(0.9)
Singapore	82	(4.0)	34	(1.5)	1.8	(0.1)	9.3	(0.8)
Chinese Taipei	96	(4.8)	38	(1.8)	2.0	(0.1)	15.2	(1.1)
Thailand	70	(4.4)	35	(2.1)	1.9	(0.1)	11.8	(1.2)
Trinidad and Tobago	81	(4.3)	28	(1.7)	2.1	(0.1)	7.8	(0.9)
Tunisia	49	(4.3)	18	(1.6)	1.8	(0.1)	5.9	(0.9)
United Arab Emirates	97	(3.6)	33	(1.3)	2.4	(0.1)	11.5	(0.8)
Uruguay	83	(4.4)	27	(1.4)	2.1	(0.1)	11.1	(1.0)
Viet Nam	63	(6.1)	31	(3.0)	1.8	(0.1)	8.6	(1.4)
Argentina**	68	(4.5)	23	(1.7)	2.0	(0.1)	7.8	(1.0)
Kazakhstan**	38	(4.9)	14	(1.9)	1.6	(0.1)	2.7	(0.7)
Malaysia**	66	(4.3)	29	(1.8)	2.0	(0.1)	10.2	(1.1)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/1]


Table 1.3.1a Index of enjoyment of science

Percentage of students who reported that they “agree” or “strongly agree”

	Index of enjoyment of science		Percentage of students who agreed with the following statements:									
			I generally have fun when I am learning <broad science> topics		I like reading about <broad science>		I am happy working on <broad science> topics		I enjoy acquiring new knowledge in <broad science>		I am interested in learning about <broad science>	
	Mean index	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD												
Australia	0.12	(0.02)	64.6	(0.7)	52.7	(0.7)	67.3	(0.6)	71.7	(0.6)	67.4	(0.6)
Austria	-0.32	(0.02)	53.4	(0.9)	38.3	(0.9)	42.1	(0.9)	46.6	(1.0)	49.4	(0.9)
Belgium	-0.03	(0.02)	62.0	(0.7)	49.2	(0.7)	60.1	(0.6)	63.9	(0.6)	69.1	(0.6)
Canada	0.40	(0.01)	74.9	(0.5)	62.6	(0.6)	68.8	(0.5)	79.0	(0.5)	78.8	(0.5)
Chile	0.08	(0.02)	67.3	(0.7)	53.0	(0.7)	57.3	(0.7)	67.8	(0.7)	66.5	(0.7)
Czech Republic	-0.34	(0.02)	52.7	(0.9)	40.5	(0.7)	34.8	(0.7)	61.0	(0.8)	41.8	(0.9)
Denmark	0.12	(0.02)	65.4	(0.8)	54.2	(0.9)	63.7	(0.8)	63.8	(0.8)	69.7	(0.7)
Estonia	0.16	(0.01)	71.3	(0.7)	59.4	(0.7)	58.1	(0.7)	77.4	(0.6)	62.7	(0.7)
Finland	-0.07	(0.02)	64.3	(1.0)	56.0	(0.8)	49.6	(0.8)	49.8	(0.9)	60.9	(0.9)
France	-0.03	(0.02)	68.5	(0.7)	44.8	(0.8)	44.7	(0.7)	68.0	(0.7)	71.9	(0.6)
Germany	-0.18	(0.02)	58.6	(0.9)	40.4	(0.9)	42.9	(0.9)	50.2	(0.9)	56.1	(0.9)
Greece	0.13	(0.02)	65.0	(0.9)	55.7	(0.9)	57.7	(0.9)	73.3	(0.7)	71.6	(0.9)
Hungary	-0.23	(0.02)	46.6	(0.9)	46.6	(0.8)	50.9	(0.9)	59.5	(0.9)	52.3	(0.9)
Iceland	0.15	(0.02)	66.0	(0.7)	57.7	(0.8)	62.2	(0.8)	70.0	(0.7)	63.0	(0.8)
Ireland	0.20	(0.02)	64.3	(1.0)	56.1	(1.0)	70.8	(0.9)	78.0	(0.7)	73.8	(0.8)
Israel	0.09	(0.02)	62.4	(0.9)	54.9	(1.0)	59.8	(0.9)	69.2	(0.8)	66.5	(0.8)
Italy	0.00	(0.02)	58.1	(1.0)	54.6	(1.0)	63.6	(0.9)	66.2	(0.9)	69.0	(1.0)
Japan	-0.33	(0.02)	49.9	(0.9)	34.9	(1.0)	35.0	(1.0)	54.7	(0.9)	47.7	(1.0)
Korea	-0.14	(0.02)	59.0	(0.8)	43.4	(0.9)	48.2	(0.9)	59.9	(0.8)	53.7	(1.0)
Latvia	0.09	(0.02)	68.8	(0.9)	59.0	(0.8)	64.0	(0.8)	73.6	(0.7)	63.7	(0.9)
Luxembourg	0.10	(0.02)	66.5	(0.7)	51.5	(0.7)	52.7	(0.6)	65.2	(0.7)	68.3	(0.7)
Mexico	0.42	(0.02)	85.6	(0.6)	69.6	(0.9)	59.0	(0.9)	84.1	(0.6)	80.1	(0.7)
Netherlands	-0.52	(0.02)	39.6	(0.9)	36.5	(0.8)	30.4	(0.7)	49.6	(0.8)	45.7	(0.9)
New Zealand	0.20	(0.02)	66.4	(0.8)	52.2	(0.9)	70.8	(0.8)	76.3	(0.6)	71.9	(0.7)
Norway	0.12	(0.02)	64.4	(0.7)	53.4	(0.8)	62.5	(0.8)	70.0	(0.7)	66.0	(0.7)
Poland	0.02	(0.02)	61.3	(0.9)	59.9	(0.9)	51.2	(1.0)	72.2	(0.8)	57.6	(0.9)
Portugal	0.32	(0.02)	74.2	(0.7)	66.0	(0.8)	62.9	(0.8)	84.1	(0.5)	78.3	(0.7)
Slovak Republic	-0.24	(0.02)	56.9	(0.8)	42.9	(0.7)	39.5	(0.8)	59.6	(0.7)	50.7	(0.9)
Slovenia	-0.36	(0.02)	47.9	(0.8)	43.3	(0.8)	33.9	(0.8)	51.6	(0.8)	49.6	(0.8)
Spain	0.03	(0.02)	62.3	(0.9)	49.6	(0.9)	57.1	(0.8)	64.6	(0.8)	71.2	(0.8)
Sweden	0.08	(0.03)	64.5	(0.9)	57.0	(1.0)	46.3	(1.1)	65.7	(0.9)	62.9	(0.9)
Switzerland	-0.02	(0.02)	66.1	(1.0)	47.4	(0.9)	47.9	(0.9)	62.9	(1.0)	63.6	(0.9)
Turkey	0.15	(0.02)	61.9	(0.9)	62.2	(0.8)	60.7	(0.9)	69.7	(0.8)	69.9	(0.8)
United Kingdom	0.15	(0.02)	66.9	(0.8)	51.8	(0.9)	72.2	(0.7)	71.5	(0.8)	69.3	(0.8)
United States	0.23	(0.02)	71.7	(0.7)	56.7	(0.9)	68.9	(0.9)	75.8	(0.8)	72.7	(0.8)
OECD average	0.02	(0.00)	62.8	(0.1)	51.8	(0.1)	54.8	(0.1)	66.5	(0.1)	63.8	(0.1)
Partners												
Albania	0.72	(0.02)	84.1	(0.6)	80.5	(0.7)	78.3	(0.8)	89.7	(0.5)	85.0	(0.6)
Algeria	0.46	(0.02)	76.3	(0.8)	76.2	(0.9)	70.0	(0.7)	82.8	(0.7)	78.9	(0.8)
Brazil	0.23	(0.01)	67.5	(0.7)	64.0	(0.6)	65.4	(0.6)	80.1	(0.5)	77.2	(0.5)
B-S-J-G (China)	0.37	(0.02)	81.0	(0.7)	79.1	(0.6)	70.5	(0.8)	81.3	(0.7)	77.3	(0.7)
Bulgaria	0.28	(0.02)	74.4	(0.9)	68.1	(0.8)	64.8	(0.8)	79.4	(0.8)	74.6	(0.8)
CABA (Argentina)	-0.20	(0.04)	47.0	(1.6)	47.5	(1.8)	30.9	(1.6)	64.3	(1.7)	72.4	(1.3)
Colombia	0.32	(0.01)	75.6	(0.6)	64.9	(0.7)	66.2	(0.7)	78.9	(0.6)	78.8	(0.6)
Costa Rica	0.35	(0.02)	74.2	(0.7)	67.5	(0.7)	64.7	(0.7)	80.0	(0.7)	78.1	(0.7)
Croatia	-0.11	(0.02)	55.1	(0.8)	55.0	(0.9)	49.0	(0.8)	68.9	(0.9)	57.1	(0.9)
Cyprus*	0.15	(0.02)	63.9	(0.7)	56.4	(0.7)	62.1	(0.7)	72.3	(0.6)	69.7	(0.7)
Dominican Republic	0.54	(0.02)	75.1	(0.8)	75.8	(0.9)	72.3	(1.0)	83.4	(0.7)	84.1	(0.7)
FYROM	0.48	(0.02)	76.2	(0.7)	77.4	(0.7)	75.5	(0.7)	81.8	(0.7)	79.2	(0.8)
Georgia	0.34	(0.02)	75.8	(0.7)	72.7	(0.8)	73.2	(0.7)	82.4	(0.6)	70.8	(0.7)
Hong Kong (China)	0.28	(0.02)	75.8	(0.7)	66.0	(0.9)	61.0	(0.9)	77.6	(0.7)	75.5	(0.8)
Indonesia	0.65	(0.01)	90.2	(0.4)	88.1	(0.6)	82.1	(0.6)	95.4	(0.3)	89.2	(0.5)
Jordan	0.53	(0.02)	77.5	(0.9)	75.1	(0.8)	73.8	(0.8)	80.0	(0.8)	78.0	(0.7)
Kosovo	0.92	(0.02)	85.9	(0.7)	88.4	(0.5)	85.3	(0.6)	91.8	(0.4)	89.0	(0.5)
Lebanon	0.38	(0.02)	69.5	(1.3)	65.5	(1.2)	71.2	(1.1)	79.6	(1.0)	79.1	(0.9)
Lithuania	0.36	(0.02)	72.6	(0.7)	66.1	(0.7)	61.4	(0.7)	78.9	(0.6)	73.5	(0.6)
Macao (China)	0.20	(0.01)	76.7	(0.6)	63.6	(0.6)	57.6	(0.6)	75.6	(0.6)	73.7	(0.6)
Malta	0.18	(0.02)	67.6	(0.9)	52.4	(0.8)	64.5	(0.8)	73.4	(0.7)	70.2	(0.7)
Moldova	0.33	(0.01)	65.7	(0.9)	77.5	(0.8)	59.9	(0.9)	86.8	(0.5)	84.8	(0.6)
Montenegro	0.09	(0.02)	64.7	(0.7)	63.0	(0.7)	59.0	(0.8)	67.7	(0.7)	66.3	(0.7)
Peru	0.40	(0.01)	80.5	(0.7)	73.1	(0.7)	73.1	(0.7)	81.4	(0.6)	79.4	(0.7)
Qatar	0.36	(0.01)	74.4	(0.4)	67.7	(0.4)	73.0	(0.5)	77.8	(0.4)	75.9	(0.5)
Romania	-0.03	(0.02)	49.9	(1.1)	54.8	(1.3)	50.1	(0.9)	73.7	(1.1)	74.2	(1.2)
Russia	0.00	(0.02)	65.7	(1.2)	57.5	(0.9)	48.6	(0.9)	66.5	(1.0)	65.8	(0.9)
Singapore	0.59	(0.01)	84.0	(0.5)	77.1	(0.5)	80.9	(0.5)	85.8	(0.5)	83.0	(0.5)
Chinese Taipei	-0.06	(0.02)	65.8	(0.7)	51.8	(0.8)	50.3	(0.8)	59.4	(0.7)	53.2	(0.7)
Thailand	0.42	(0.01)	85.2	(0.5)	77.0	(0.6)	80.7	(0.6)	87.6	(0.6)	85.3	(0.5)
Trinidad and Tobago	0.19	(0.02)	67.4	(0.8)	56.1	(0.9)	64.4	(0.7)	74.2	(0.7)	71.1	(0.7)
Tunisia	0.52	(0.02)	74.8	(0.8)	74.1	(0.8)	71.8	(0.7)	88.4	(0.6)	85.8	(0.6)
United Arab Emirates	0.47	(0.02)	76.3	(0.5)	73.0	(0.6)	76.7	(0.5)	82.0	(0.5)	78.8	(0.5)
Uruguay	-0.10	(0.02)	58.7	(0.8)	46.6	(0.8)	48.1	(0.8)	64.0	(0.8)	64.1	(0.8)
Viet Nam	0.65	(0.02)	89.3	(0.5)	86.5	(0.7)	87.6	(0.6)	84.2	(0.6)	87.4	(0.6)
Argentina**	-0.09	(0.02)	54.8	(0.9)	52.8	(0.9)	38.6	(0.9)	65.6	(0.9)	73.5	(0.7)
Kazakhstan**	0.85	(0.02)	89.7	(0.5)	87.9	(0.6)	85.9	(0.6)	91.7	(0.4)	89.8	(0.5)
Malaysia**	0.52	(0.02)	85.0	(0.7)	78.5	(0.9)	79.8	(0.7)	86.5	(0.7)	82.7	(0.7)

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/2]

Table B1.1b Index of enjoyment of science and science performance, by national quarters of this index


Results based on students' self-reports

		Index of enjoyment of science											
		All students		Variability in this index		Bottom quarter		Second quarter		Third quarter		Top quarter	
		Mean index	S.E.	S.D.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	0.12	(0.02)	1.17	(0.01)	-1.43	(0.02)	-0.18	(0.02)	0.49	(0.01)	1.59	(0.03)
	Austria	-0.32	(0.02)	1.25	(0.01)	-1.90	(0.02)	-0.76	(0.03)	0.03	(0.03)	1.35	(0.03)
	Belgium	-0.03	(0.02)	1.12	(0.01)	-1.50	(0.02)	-0.32	(0.02)	0.37	(0.01)	1.33	(0.03)
	Canada	0.40	(0.01)	1.14	(0.01)	-1.08	(0.02)	0.16	(0.02)	0.65	(0.01)	1.87	(0.01)
	Chile	0.08	(0.02)	1.09	(0.01)	-1.30	(0.02)	-0.27	(0.02)	0.42	(0.01)	1.46	(0.03)
	Czech Republic	-0.34	(0.02)	0.98	(0.01)	-1.53	(0.03)	-0.62	(0.01)	-0.10	(0.02)	0.91	(0.03)
	Denmark	0.12	(0.02)	1.14	(0.01)	-1.33	(0.03)	-0.23	(0.02)	0.48	(0.02)	1.55	(0.04)
	Estonia	0.16	(0.01)	1.02	(0.01)	-1.10	(0.02)	-0.17	(0.02)	0.47	(0.01)	1.44	(0.03)
	Finland	-0.07	(0.02)	1.01	(0.01)	-1.27	(0.02)	-0.47	(0.02)	0.31	(0.02)	1.13	(0.03)
	France	-0.03	(0.02)	1.11	(0.01)	-1.47	(0.03)	-0.34	(0.02)	0.31	(0.02)	1.38	(0.03)
	Germany	-0.18	(0.02)	1.21	(0.01)	-1.66	(0.03)	-0.64	(0.02)	0.14	(0.03)	1.46	(0.04)
	Greece	0.13	(0.02)	1.12	(0.01)	-1.31	(0.03)	-0.19	(0.02)	0.48	(0.02)	1.54	(0.03)
	Hungary	-0.23	(0.02)	1.07	(0.01)	-1.54	(0.03)	-0.59	(0.02)	0.15	(0.02)	1.08	(0.03)
	Iceland	0.15	(0.02)	1.26	(0.01)	-1.49	(0.03)	-0.19	(0.04)	0.51	(0.01)	1.78	(0.04)
	Ireland	0.20	(0.02)	1.10	(0.01)	-1.24	(0.03)	-0.06	(0.03)	0.52	(0.01)	1.58	(0.03)
	Israel	0.09	(0.02)	1.25	(0.01)	-1.56	(0.03)	-0.27	(0.03)	0.50	(0.02)	1.71	(0.03)
	Italy	0.00	(0.02)	1.02	(0.01)	-1.31	(0.03)	-0.28	(0.03)	0.40	(0.02)	1.18	(0.03)
	Japan	-0.33	(0.02)	1.15	(0.01)	-1.75	(0.03)	-0.73	(0.02)	-0.03	(0.04)	1.19	(0.03)
	Korea	-0.14	(0.02)	1.17	(0.01)	-1.57	(0.03)	-0.58	(0.02)	0.28	(0.02)	1.33	(0.04)
	Latvia	0.09	(0.02)	0.95	(0.01)	-1.10	(0.03)	-0.18	(0.02)	0.44	(0.02)	1.21	(0.03)
	Luxembourg	0.10	(0.02)	1.22	(0.01)	-1.47	(0.02)	-0.30	(0.02)	0.47	(0.02)	1.70	(0.02)
	Mexico	0.42	(0.02)	0.96	(0.01)	-0.80	(0.03)	0.19	(0.02)	0.68	(0.02)	1.62	(0.02)
	Netherlands	-0.52	(0.02)	1.07	(0.01)	-1.94	(0.03)	-0.80	(0.02)	-0.18	(0.02)	0.84	(0.02)
	New Zealand	0.20	(0.02)	1.12	(0.01)	-1.26	(0.03)	-0.09	(0.02)	0.51	(0.02)	1.62	(0.03)
	Norway	0.12	(0.02)	1.20	(0.01)	-1.44	(0.02)	-0.24	(0.02)	0.49	(0.01)	1.64	(0.04)
	Poland	0.02	(0.02)	0.97	(0.01)	-1.15	(0.03)	-0.32	(0.02)	0.34	(0.02)	1.21	(0.03)
	Portugal	0.32	(0.02)	1.00	(0.01)	-0.96	(0.03)	0.11	(0.02)	0.54	(0.01)	1.57	(0.02)
	Slovak Republic	-0.24	(0.02)	1.01	(0.01)	-1.47	(0.02)	-0.58	(0.02)	0.05	(0.02)	1.02	(0.02)
	Slovenia	-0.36	(0.02)	1.05	(0.01)	-1.68	(0.03)	-0.69	(0.01)	-0.08	(0.03)	0.99	(0.03)
	Spain	0.03	(0.02)	1.13	(0.01)	-1.44	(0.03)	-0.29	(0.03)	0.38	(0.01)	1.47	(0.03)
	Sweden	0.08	(0.03)	1.26	(0.01)	-1.51	(0.03)	-0.36	(0.03)	0.45	(0.02)	1.74	(0.03)
Switzerland	-0.02	(0.02)	1.15	(0.01)	-1.48	(0.03)	-0.41	(0.03)	0.35	(0.02)	1.48	(0.03)	
Turkey	0.15	(0.02)	1.17	(0.01)	-1.37	(0.03)	-0.17	(0.03)	0.51	(0.01)	1.63	(0.04)	
United Kingdom	0.15	(0.02)	1.06	(0.01)	-1.22	(0.03)	-0.13	(0.02)	0.48	(0.01)	1.46	(0.04)	
United States	0.23	(0.02)	1.06	(0.01)	-1.14	(0.03)	-0.02	(0.03)	0.51	(0.00)	1.56	(0.04)	
OECD average	0.02	(0.00)	1.11	(0.00)	-1.39	(0.00)	-0.31	(0.00)	0.35	(0.00)	1.42	(0.01)	
Partners	Albania	0.72	(0.02)	0.94	(0.01)	-0.55	(0.03)	0.51	(0.02)	1.06	(0.01)	1.86	(0.02)
	Algeria	0.46	(0.02)	0.92	(0.01)	-0.76	(0.03)	0.27	(0.02)	0.78	(0.02)	1.57	(0.02)
	Brazil	0.23	(0.01)	0.95	(0.01)	-0.97	(0.02)	-0.01	(0.02)	0.51	(0.00)	1.37	(0.02)
	B-S-J-G (China)	0.37	(0.02)	0.89	(0.02)	-0.75	(0.02)	0.31	(0.02)	0.51	(0.00)	1.41	(0.04)
	Bulgaria	0.28	(0.02)	1.01	(0.01)	-1.01	(0.03)	0.10	(0.03)	0.51	(0.00)	1.52	(0.04)
	CABA (Argentina)	-0.20	(0.04)	0.96	(0.02)	-1.40	(0.05)	-0.47	(0.03)	0.06	(0.05)	1.03	(0.05)
	Colombia	0.32	(0.01)	0.96	(0.01)	-0.88	(0.02)	0.08	(0.02)	0.56	(0.01)	1.53	(0.02)
	Costa Rica	0.35	(0.02)	1.03	(0.01)	-0.97	(0.02)	0.11	(0.02)	0.59	(0.01)	1.66	(0.02)
	Croatia	-0.11	(0.02)	1.08	(0.01)	-1.47	(0.03)	-0.45	(0.02)	0.32	(0.02)	1.17	(0.03)
	Cyprus*	0.15	(0.02)	1.13	(0.01)	-1.29	(0.02)	-0.18	(0.02)	0.49	(0.01)	1.58	(0.03)
	Dominican Republic	0.54	(0.02)	1.10	(0.02)	-0.93	(0.04)	0.37	(0.02)	0.84	(0.03)	1.89	(0.02)
	FYROM	0.48	(0.02)	1.00	(0.01)	-0.83	(0.03)	0.32	(0.02)	0.71	(0.02)	1.72	(0.02)
	Georgia	0.34	(0.02)	0.91	(0.01)	-0.83	(0.02)	0.17	(0.02)	0.53	(0.01)	1.47	(0.02)
	Hong Kong (China)	0.28	(0.02)	1.05	(0.01)	-1.11	(0.03)	0.13	(0.03)	0.51	(0.00)	1.57	(0.03)
	Indonesia	0.65	(0.01)	0.71	(0.01)	-0.18	(0.03)	0.51	(0.00)	0.72	(0.02)	1.55	(0.02)
	Jordan	0.53	(0.02)	1.06	(0.01)	-0.89	(0.03)	0.28	(0.03)	0.86	(0.03)	1.85	(0.02)
	Kosovo	0.92	(0.02)	0.99	(0.01)	-0.33	(0.03)	0.65	(0.01)	1.27	(0.02)	2.10	(0.01)
	Lebanon	0.38	(0.02)	0.97	(0.01)	-0.85	(0.03)	0.06	(0.04)	0.68	(0.03)	1.62	(0.02)
	Lithuania	0.36	(0.02)	1.16	(0.01)	-1.16	(0.03)	0.08	(0.02)	0.67	(0.02)	1.87	(0.02)
	Macao (China)	0.20	(0.01)	0.95	(0.01)	-0.99	(0.02)	-0.02	(0.02)	0.51	(0.00)	1.32	(0.03)
	Malta	0.18	(0.02)	1.13	(0.01)	-1.30	(0.03)	-0.16	(0.02)	0.52	(0.02)	1.63	(0.03)
	Moldova	0.33	(0.01)	0.78	(0.01)	-0.64	(0.02)	0.09	(0.02)	0.57	(0.01)	1.30	(0.02)
	Montenegro	0.09	(0.02)	1.09	(0.01)	-1.33	(0.03)	-0.22	(0.02)	0.50	(0.01)	1.39	(0.03)
	Peru	0.40	(0.01)	0.93	(0.01)	-0.81	(0.03)	0.27	(0.02)	0.59	(0.01)	1.55	(0.02)
	Qatar	0.36	(0.01)	1.09	(0.01)	-1.06	(0.02)	0.19	(0.01)	0.57	(0.01)	1.76	(0.02)
	Romania	-0.03	(0.02)	0.84	(0.01)	-1.07	(0.03)	-0.29	(0.02)	0.24	(0.03)	1.02	(0.02)
	Russia	0.00	(0.02)	0.93	(0.01)	-1.14	(0.03)	-0.29	(0.02)	0.36	(0.02)	1.09	(0.03)
	Singapore	0.59	(0.01)	0.99	(0.01)	-0.66	(0.02)	0.48	(0.01)	0.63	(0.01)	1.92	(0.02)
	Chinese Taipei	-0.06	(0.02)	1.01	(0.01)	-1.26	(0.02)	-0.51	(0.02)	0.37	(0.02)	1.13	(0.03)
	Thailand	0.42	(0.01)	0.75	(0.01)	-0.52	(0.02)	0.42	(0.01)	0.51	(0.00)	1.25	(0.03)
	Trinidad and Tobago	0.19	(0.02)	1.08	(0.01)	-1.20	(0.02)	-0.14	(0.02)	0.53	(0.02)	1.56	(0.02)
	Tunisia	0.52	(0.02)	0.94	(0.01)	-0.68	(0.03)	0.30	(0.02)	0.75	(0.02)	1.71	(0.02)
	United Arab Emirates	0.47	(0.02)	1.08	(0.01)	-0.93	(0.02)	0.30	(0.01)	0.66	(0.01)	1.86	(0.02)
Uruguay	-0.10	(0.02)	1.07	(0.01)	-1.42	(0.03)	-0.43	(0.02)	0.25	(0.02)	1.22	(0.02)	
Viet Nam	0.65	(0.02)	0.80	(0.01)	-0.38	(0.04)	0.51	(0.00)	0.83	(0.03)	1.62	(0.02)	
Argentina**	-0.09	(0.02)	0.96	(0.01)	-1.30	(0.02)	-0.37	(0.02)	0.21	(0.02)	1.11	(0.02)	
Kazakhstan**	0.85	(0.02)	0.93	(0.01)	-0.27	(0.03)	0.54	(0.01)	1.11	(0.03)	2.05	(0.02)	
Malaysia**	0.52	(0.02)	0.86	(0.01)	-0.57	(0.03)	0.46	(0.02)	0.55	(0.01)	1.62	(0.03)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 2/2]

Table I.3.1b Index of enjoyment of science and science performance, by national quarters of this index


Results based on students' self-reports

	Performance in science, by national quarters of this index								Difference in science performance between students in the top quarter and students in the bottom quarter of this index		Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the national science performance distribution		Explained variance in student performance in science (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter									
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Relative risk	S.E.	%	S.E.
OECD	Australia	463 (2.3)	501 (2.6)	526 (2.5)	568 (2.8)	105 (3.4)	33 (0.9)	2.2 (0.1)	14.6 (0.8)							
	Austria	461 (3.7)	487 (3.2)	513 (3.5)	541 (3.8)	80 (4.8)	25 (1.4)	1.9 (0.1)	10.8 (1.1)							
	Belgium	470 (3.1)	503 (2.9)	527 (3.0)	550 (3.0)	80 (3.2)	28 (1.1)	2.0 (0.1)	10.3 (0.8)							
	Canada	493 (2.8)	525 (2.7)	533 (2.5)	575 (2.7)	82 (3.0)	26 (0.9)	2.0 (0.1)	10.8 (0.7)							
	Chile	432 (2.9)	446 (3.6)	452 (3.6)	477 (4.0)	46 (4.3)	15 (1.3)	1.4 (0.1)	3.8 (0.6)							
	Czech Republic	464 (3.4)	483 (3.0)	509 (3.5)	530 (3.2)	65 (4.4)	27 (1.6)	1.7 (0.1)	7.8 (0.8)							
	Denmark	472 (2.7)	492 (3.7)	509 (2.9)	550 (3.9)	78 (4.2)	26 (1.3)	1.8 (0.1)	11.1 (1.0)							
	Estonia	508 (3.0)	526 (3.3)	535 (2.9)	576 (3.7)	68 (4.3)	24 (1.3)	1.6 (0.1)	7.7 (0.8)							
	Finland	493 (3.4)	525 (3.5)	547 (3.5)	572 (3.2)	79 (3.9)	30 (1.4)	2.0 (0.1)	10.2 (0.9)							
	France	464 (3.1)	492 (3.1)	514 (3.2)	552 (3.6)	88 (4.4)	30 (1.3)	1.8 (0.1)	12.1 (0.9)							
	Germany	484 (3.7)	498 (4.3)	530 (4.6)	573 (4.7)	89 (4.5)	29 (1.3)	1.7 (0.1)	12.8 (1.1)							
	Greece	422 (4.4)	448 (4.0)	464 (4.4)	504 (5.3)	82 (4.7)	27 (1.2)	1.8 (0.1)	11.1 (0.9)							
	Hungary	457 (3.4)	472 (4.0)	493 (4.5)	509 (4.1)	52 (5.2)	20 (1.6)	1.5 (0.1)	4.9 (0.8)							
	Iceland	439 (3.1)	465 (3.9)	484 (3.4)	523 (3.6)	84 (4.9)	24 (1.3)	1.8 (0.1)	11.7 (1.1)							
	Ireland	458 (3.5)	494 (3.9)	513 (3.3)	553 (3.1)	95 (3.8)	32 (1.1)	2.2 (0.1)	15.5 (1.0)							
	Israel	440 (4.3)	468 (4.5)	481 (5.3)	506 (5.0)	66 (6.0)	20 (1.7)	1.5 (0.1)	5.8 (1.0)							
	Italy	453 (3.3)	475 (3.6)	497 (3.5)	511 (3.9)	58 (4.3)	22 (1.5)	1.7 (0.1)	6.0 (0.8)							
	Japan	503 (3.1)	521 (3.5)	559 (3.3)	581 (4.8)	78 (5.0)	27 (1.5)	1.8 (0.1)	11.2 (1.2)							
	Korea	474 (3.4)	498 (4.4)	531 (3.8)	564 (4.3)	90 (5.1)	31 (1.4)	2.0 (0.1)	14.6 (1.2)							
	Latvia	472 (3.0)	482 (3.4)	496 (3.3)	517 (2.7)	45 (4.1)	18 (1.5)	1.4 (0.1)	4.1 (0.7)							
	Luxembourg	453 (2.6)	476 (3.1)	497 (2.8)	539 (2.9)	86 (4.1)	26 (1.2)	1.7 (0.1)	10.6 (0.9)							
	Mexico	405 (3.2)	417 (3.1)	418 (2.8)	438 (3.2)	33 (3.6)	12 (1.2)	1.4 (0.1)	2.7 (0.5)							
	Netherlands	480 (3.4)	482 (3.9)	529 (3.1)	560 (3.4)	80 (4.2)	30 (1.4)	1.5 (0.1)	10.4 (1.0)							
	New Zealand	474 (3.7)	515 (4.2)	521 (4.1)	573 (3.8)	99 (5.5)	32 (1.7)	2.0 (0.1)	12.0 (1.2)							
	Norway	460 (3.0)	492 (3.4)	515 (3.7)	552 (3.6)	92 (4.5)	29 (1.3)	2.1 (0.1)	13.8 (1.1)							
	Poland	482 (3.6)	496 (3.8)	506 (4.0)	530 (3.9)	48 (4.8)	18 (1.7)	1.4 (0.1)	4.0 (0.7)							
	Portugal	473 (3.0)	502 (4.2)	494 (3.8)	543 (3.6)	70 (4.0)	23 (1.4)	1.5 (0.1)	6.1 (0.7)							
	Slovak Republic	438 (3.6)	452 (3.4)	478 (4.1)	502 (3.5)	64 (4.3)	25 (1.5)	1.6 (0.1)	7.1 (0.8)							
	Slovenia	491 (2.5)	496 (2.8)	525 (3.5)	549 (3.4)	58 (4.4)	22 (1.5)	1.4 (0.1)	6.3 (0.8)							
	Spain	458 (3.0)	478 (3.8)	506 (2.9)	543 (2.7)	85 (3.8)	28 (1.1)	1.9 (0.1)	13.1 (1.0)							
	Sweden	456 (3.7)	496 (4.5)	509 (4.3)	552 (4.9)	96 (4.9)	27 (1.3)	2.0 (0.1)	11.9 (1.1)							
	Switzerland	465 (3.9)	502 (4.0)	521 (4.6)	559 (4.3)	93 (5.1)	30 (1.4)	1.9 (0.1)	12.4 (1.0)							
	Turkey	409 (4.4)	426 (4.5)	427 (4.5)	450 (5.6)	41 (5.1)	12 (1.5)	1.4 (0.1)	3.1 (0.7)							
	United Kingdom	471 (3.1)	508 (3.5)	525 (3.5)	554 (4.3)	83 (4.1)	30 (1.4)	2.0 (0.1)	10.4 (1.0)							
United States	465 (3.4)	496 (4.1)	494 (4.0)	544 (4.7)	79 (5.1)	26 (1.5)	1.6 (0.1)	7.8 (0.9)								
OECD average	463 (0.6)	487 (0.6)	505 (0.6)	538 (0.7)	75 (0.8)	25 (0.2)	1.8 (0.0)	9.4 (0.2)								
Partners	Albania	m	m	m	m	m	m	m	m							
	Algeria	362 (3.7)	372 (3.0)	379 (3.4)	395 (3.9)	33 (3.5)	14 (1.5)	1.4 (0.1)	3.3 (0.7)							
	Brazil	394 (2.8)	409 (3.5)	421 (3.9)	439 (4.3)	44 (4.1)	19 (1.5)	1.4 (0.1)	4.1 (0.6)							
	B-S-J-C (China)	490 (6.1)	513 (4.9)	520 (4.6)	552 (6.1)	62 (5.2)	28 (2.0)	1.6 (0.1)	6.0 (0.8)							
	Bulgaria	435 (5.4)	465 (4.8)	457 (5.0)	483 (4.7)	48 (5.1)	17 (1.8)	1.7 (0.1)	3.1 (0.6)							
	CABA (Argentina)	459 (6.6)	474 (7.3)	481 (8.3)	496 (9.0)	37 (7.4)	15 (2.6)	1.4 (0.2)	2.9 (1.0)							
	Colombia	410 (3.1)	423 (3.3)	419 (2.9)	425 (3.5)	16 (3.7)	7 (1.4)	1.2 (0.1)	0.7 (0.3)							
	Costa Rica	417 (2.4)	426 (2.7)	416 (2.8)	431 (3.6)	15 (3.9)	4 (1.3)	1.1 (0.1)	0.4 (0.2)							
	Croatia	447 (3.6)	471 (3.1)	487 (3.4)	506 (3.3)	60 (3.9)	22 (1.4)	1.7 (0.1)	7.2 (0.9)							
	Cyprus*	398 (2.8)	428 (3.1)	447 (2.8)	485 (3.1)	87 (4.2)	29 (1.1)	2.0 (0.1)	12.5 (0.9)							
	Dominican Republic	331 (4.7)	345 (4.1)	349 (3.6)	346 (3.5)	15 (5.1)	6 (1.6)	1.4 (0.2)	0.8 (0.4)							
	FYROM	369 (3.5)	382 (2.8)	392 (2.9)	408 (3.2)	39 (5.1)	17 (1.7)	1.5 (0.1)	3.9 (0.8)							
	Georgia	391 (3.6)	410 (3.3)	409 (4.0)	446 (3.8)	55 (4.8)	23 (1.7)	1.5 (0.1)	5.6 (0.8)							
	Hong Kong (China)	493 (3.6)	528 (3.2)	522 (3.0)	554 (3.4)	62 (3.3)	20 (1.1)	1.8 (0.1)	6.7 (0.7)							
	Indonesia	399 (3.3)	401 (3.0)	406 (2.8)	410 (3.7)	11 (3.8)	6 (1.8)	1.1 (0.1)	0.4 (0.2)							
	Jordan	380 (3.6)	404 (3.5)	424 (3.9)	444 (3.7)	64 (4.2)	23 (1.4)	1.9 (0.1)	8.5 (1.0)							
	Kosovo	364 (2.8)	379 (3.1)	385 (2.7)	395 (3.2)	31 (4.0)	14 (1.3)	1.6 (0.1)	3.7 (0.7)							
	Lebanon	346 (4.2)	377 (5.7)	398 (5.1)	433 (5.4)	87 (6.0)	32 (2.2)	2.0 (0.2)	11.8 (1.4)							
	Lithuania	448 (4.0)	472 (3.3)	484 (3.8)	513 (3.4)	65 (4.3)	20 (1.3)	1.9 (0.1)	6.8 (0.9)							
	Macao (China)	499 (2.7)	528 (2.7)	535 (2.5)	553 (2.2)	54 (3.7)	21 (1.2)	1.7 (0.1)	5.8 (0.7)							
	Malta	400 (3.9)	444 (4.0)	489 (4.2)	546 (4.1)	146 (5.9)	48 (1.7)	2.5 (0.2)	22.5 (1.4)							
	Moldova	411 (3.3)	430 (3.1)	430 (3.5)	455 (3.4)	44 (4.4)	22 (2.1)	1.5 (0.1)	4.1 (0.8)							
	Montenegro	400 (2.7)	417 (2.5)	423 (2.7)	442 (2.7)	42 (4.1)	14 (1.3)	1.5 (0.1)	3.6 (0.6)							
	Peru	402 (3.5)	402 (2.9)	410 (3.4)	421 (2.9)	19 (3.6)	9 (1.3)	1.2 (0.1)	1.2 (0.4)							
	Qatar	390 (1.8)	430 (1.9)	438 (2.4)	467 (2.4)	77 (3.2)	25 (1.0)	1.9 (0.1)	8.2 (0.6)							
	Romania	415 (4.0)	436 (5.0)	436 (3.8)	454 (4.3)	39 (4.6)	17 (1.9)	1.5 (0.1)	3.4 (0.7)							
	Russia	467 (3.3)	490 (3.6)	499 (3.2)	508 (4.4)	41 (3.9)	16 (1.2)	1.6 (0.1)	3.6 (0.5)							
	Singapore	509 (2.4)	554 (2.9)	563 (2.7)	602 (3.0)	92 (4.3)	35 (1.4)	2.1 (0.1)	11.1 (0.8)							
	Chinese Taipei	500 (2.9)	521 (3.6)	539 (3.4)	570 (4.6)	69 (4.6)	28 (1.5)	1.6 (0.1)	8.1 (0.8)							
	Thailand	408 (3.8)	421 (3.3)	421 (3.2)	441 (4.0)	33 (4.0)	18 (1.7)	1.4 (0.1)	3.0 (0.6)							
	Trinidad and Tobago	398 (2.6)	414 (3.5)	446 (3.1)	467 (3.0)	69 (4.1)	24 (1.5)	1.6 (0.1)	8.0 (1.0)							
	Tunisia	374 (2.8)	387 (3.2)	392 (3.2)	413 (3.0)	39 (3.4)	15 (1.3)	1.5 (0.1)	4.3 (0.7)							
United Arab Emirates	410 (2.9)	438 (3.3)	447 (3.1)	477 (3.4)	67 (3.5)	22 (1.1)	1.7 (0.1)	6.1 (0.6)								
Uruguay	423 (3.0)	441 (3.3)	453 (3.0)	467 (3.7)	44 (4.2)	16 (1.4)	1.4 (0.1)	3.9 (0.6)								
Viet Nam	513 (4.9)	519 (3.9)	523 (4.2)	545 (5.7)	32 (4.7)	14 (2.0)	1.3 (0.1)	2.2 (0.6)								
Argentina**	417 (3.4)	432 (3.1)	438 (4.0)	450 (3.9)	32 (3.6)	12 (1.4)	1.4 (0.1)	2.0 (0.5)								
Kazakhstan**	445 (3.8)	448 (4.6)	461 (4.7)	471 (5.4)	26 (5.5)	11 (2.1)	1.3 (0.1)	1.7 (0.7)								
Malaysia**	412 (4.0)	444 (3.1)	443 (3.8)	476 (3.6)	64 (3.6)	27 (1.4)	2.0 (0.1)	9.2 (0.9)								

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/2]

Table 1.3.2a Index of interest in broad science topics

Percentage of students who reported that they are “interested” or “highly interested” and percentage of students who reported that “[they] don’t know what this is”

	Index of interest in broad science topics		Percentage of students who are interested in the following topics:										
			Biosphere (e.g. ecosystem services, sustainability)		Motion and forces (e.g. velocity, friction, magnetic and gravitational forces)		Energy and its transformation (e.g. conservation, chemical reactions)		The Universe and its history		How science can help us prevent disease		
			Mean index	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
OECD													
Australia	0.04	(0.01)	43.3	(0.6)	47.9	(0.6)	53.0	(0.6)	67.1	(0.5)	68.9	(0.5)	
Austria	0.06	(0.02)	49.6	(0.8)	46.5	(0.9)	47.0	(0.9)	66.0	(0.7)	61.4	(0.8)	
Belgium	0.07	(0.01)	41.5	(0.7)	52.0	(0.6)	52.3	(0.7)	65.5	(0.6)	72.8	(0.6)	
Canada	0.26	(0.01)	53.5	(0.6)	55.1	(0.5)	62.9	(0.6)	69.0	(0.6)	73.5	(0.6)	
Chile	0.04	(0.02)	40.8	(0.8)	45.7	(0.8)	47.8	(0.7)	67.6	(0.8)	68.0	(0.8)	
Czech Republic	-0.67	(0.01)	16.4	(0.6)	20.2	(0.6)	23.4	(0.6)	44.4	(0.6)	35.6	(0.8)	
Denmark	0.18	(0.02)	44.9	(0.8)	57.3	(0.8)	54.9	(0.8)	72.9	(0.7)	71.5	(0.7)	
Estonia	0.02	(0.01)	30.1	(0.6)	45.2	(0.8)	49.2	(0.7)	71.1	(0.6)	64.6	(0.7)	
Finland	-0.09	(0.02)	27.2	(0.7)	45.4	(0.9)	44.6	(0.8)	64.8	(1.0)	63.2	(1.0)	
France	-0.06	(0.02)	35.9	(0.7)	43.3	(0.8)	46.5	(0.7)	66.5	(0.8)	69.3	(0.6)	
Germany	0.04	(0.02)	54.4	(0.8)	43.3	(0.8)	41.2	(0.9)	61.3	(0.8)	68.1	(0.8)	
Greece	0.14	(0.02)	34.2	(0.8)	51.0	(0.8)	51.8	(0.9)	66.3	(0.9)	64.6	(1.1)	
Hungary	-0.23	(0.02)	27.8	(0.8)	37.9	(0.7)	37.1	(0.8)	59.1	(0.9)	58.2	(0.9)	
Iceland	0.23	(0.02)	51.4	(0.8)	61.5	(0.9)	58.0	(1.0)	73.5	(0.9)	75.3	(0.7)	
Ireland	0.06	(0.02)	37.0	(0.8)	47.4	(0.8)	54.0	(0.7)	69.3	(0.7)	77.7	(0.7)	
Israel	-0.24	(0.02)	23.4	(0.8)	40.8	(0.8)	42.0	(0.9)	55.1	(0.9)	59.6	(0.8)	
Italy	0.21	(0.02)	48.2	(1.0)	47.9	(1.0)	57.5	(0.9)	74.6	(0.6)	78.4	(0.7)	
Japan	-0.11	(0.02)	54.9	(0.8)	36.5	(1.0)	37.8	(1.0)	72.1	(0.6)	53.6	(0.9)	
Korea	-0.07	(0.02)	55.6	(0.9)	39.0	(0.8)	41.2	(0.8)	64.4	(0.9)	61.4	(0.9)	
Latvia	0.14	(0.01)	36.6	(0.8)	53.1	(0.9)	54.5	(0.8)	73.3	(0.7)	70.3	(0.8)	
Luxembourg	0.21	(0.01)	47.3	(0.7)	53.5	(0.6)	55.9	(0.6)	67.6	(0.7)	70.8	(0.7)	
Mexico	0.43	(0.01)	63.4	(0.9)	61.6	(0.7)	67.9	(0.7)	74.8	(0.7)	80.2	(0.8)	
Netherlands	-0.27	(0.02)	32.0	(0.8)	40.3	(0.7)	38.5	(0.6)	53.7	(0.9)	60.1	(0.7)	
New Zealand	0.09	(0.02)	38.9	(0.8)	53.1	(1.0)	56.6	(0.9)	65.7	(0.7)	65.8	(0.7)	
Norway	0.05	(0.02)	41.1	(0.9)	53.3	(0.8)	54.5	(0.8)	69.3	(0.7)	65.9	(0.8)	
Poland	-0.24	(0.02)	22.0	(0.7)	34.0	(0.8)	36.6	(0.9)	58.9	(0.8)	58.8	(0.8)	
Portugal	0.27	(0.02)	62.5	(0.7)	54.8	(0.9)	57.1	(0.8)	75.5	(0.8)	79.0	(0.6)	
Slovak Republic	-0.32	(0.02)	29.3	(0.8)	38.0	(0.9)	39.6	(0.9)	57.1	(0.9)	52.2	(0.8)	
Slovenia	-0.32	(0.01)	27.1	(0.7)	29.4	(0.7)	33.1	(0.8)	62.7	(0.7)	57.1	(0.8)	
Spain	0.10	(0.01)	49.4	(0.7)	46.4	(0.8)	50.0	(0.7)	72.2	(0.8)	75.4	(0.6)	
Sweden	-0.02	(0.02)	42.0	(1.0)	44.4	(0.9)	45.5	(0.8)	63.5	(0.8)	60.7	(1.0)	
Switzerland	0.15	(0.02)	49.2	(1.0)	49.3	(0.8)	53.4	(0.9)	69.7	(0.8)	70.3	(0.8)	
Turkey	-0.06	(0.02)	37.5	(0.8)	46.8	(0.8)	48.6	(0.8)	53.9	(0.8)	58.3	(0.8)	
United Kingdom	0.01	(0.02)	38.3	(0.8)	44.9	(0.8)	50.4	(0.8)	71.0	(0.7)	72.9	(0.8)	
United States	0.05	(0.02)	44.0	(0.9)	47.5	(0.9)	53.9	(0.8)	66.9	(0.7)	72.7	(0.7)	
OECD average	0.00	(0.00)	40.9	(0.1)	46.1	(0.1)	48.5	(0.1)	65.9	(0.1)	66.2	(0.1)	
Partners													
Albania	m	m	m	m	m	m	m	m	m	m	m	m	
Algeria	m	m	m	m	m	m	m	m	m	m	m	m	
Brazil	0.24	(0.01)	51.5	(0.7)	55.7	(0.6)	60.5	(0.7)	71.3	(0.6)	73.3	(0.6)	
B-S-J-G (China)	0.45	(0.02)	65.0	(1.0)	68.0	(0.8)	62.7	(0.9)	79.9	(0.7)	79.0	(0.7)	
Bulgaria	0.28	(0.02)	56.6	(0.8)	55.9	(0.9)	58.6	(0.9)	75.3	(0.7)	75.1	(0.8)	
CABA (Argentina)	m	m	m	m	m	m	m	m	m	m	m	m	
Colombia	0.35	(0.01)	58.9	(0.8)	59.1	(0.7)	62.7	(0.7)	75.8	(0.6)	78.9	(0.6)	
Costa Rica	0.22	(0.02)	52.8	(0.9)	48.6	(0.8)	53.1	(0.8)	71.9	(0.8)	74.5	(0.8)	
Croatia	-0.16	(0.02)	33.1	(0.8)	37.2	(0.9)	40.7	(0.8)	68.9	(0.7)	64.1	(0.9)	
Cyprus*	0.02	(0.02)	32.3	(0.7)	47.9	(0.7)	50.5	(0.7)	59.0	(0.6)	60.7	(0.7)	
Dominican Republic	0.69	(0.02)	70.1	(1.0)	77.6	(0.9)	78.8	(1.0)	86.0	(0.7)	87.0	(0.8)	
FYROM	m	m	m	m	m	m	m	m	m	m	m	m	
Georgia	m	m	m	m	m	m	m	m	m	m	m	m	
Hong Kong (China)	0.25	(0.02)	63.7	(0.9)	56.8	(0.8)	58.8	(0.8)	68.3	(0.6)	69.2	(0.7)	
Indonesia	m	m	m	m	m	m	m	m	m	m	m	m	
Jordan	m	m	m	m	m	m	m	m	m	m	m	m	
Kosovo	m	m	m	m	m	m	m	m	m	m	m	m	
Lebanon	m	m	m	m	m	m	m	m	m	m	m	m	
Lithuania	0.11	(0.01)	34.5	(0.7)	50.3	(0.7)	51.3	(0.8)	73.3	(0.7)	69.8	(0.7)	
Macao (China)	0.06	(0.01)	52.5	(0.7)	48.7	(0.7)	45.3	(0.6)	67.3	(0.7)	61.2	(0.7)	
Malta	m	m	m	m	m	m	m	m	m	m	m	m	
Moldova	m	m	m	m	m	m	m	m	m	m	m	m	
Montenegro	-0.08	(0.02)	44.3	(0.8)	37.6	(0.8)	44.3	(0.8)	57.9	(0.8)	64.8	(0.7)	
Peru	0.46	(0.01)	60.4	(0.7)	63.0	(0.8)	67.2	(0.7)	81.8	(0.5)	85.1	(0.5)	
Qatar	0.25	(0.01)	54.1	(0.4)	57.7	(0.4)	62.6	(0.5)	71.1	(0.5)	73.1	(0.4)	
Romania	m	m	m	m	m	m	m	m	m	m	m	m	
Russia	0.03	(0.02)	39.0	(0.9)	44.2	(1.1)	46.4	(0.8)	67.4	(1.1)	63.4	(0.8)	
Singapore	0.28	(0.01)	47.9	(0.6)	57.3	(0.6)	61.5	(0.6)	70.5	(0.6)	76.9	(0.6)	
Chinese Taipei	-0.01	(0.01)	59.6	(0.6)	38.1	(0.7)	35.6	(0.7)	64.2	(0.6)	66.2	(0.6)	
Thailand	0.60	(0.01)	90.2	(0.4)	77.2	(0.8)	78.2	(0.8)	78.4	(0.6)	84.6	(0.5)	
Trinidad and Tobago	m	m	m	m	m	m	m	m	m	m	m	m	
Tunisia	0.26	(0.01)	48.4	(0.9)	55.1	(0.9)	56.5	(0.7)	66.5	(0.8)	72.9	(0.8)	
United Arab Emirates	0.19	(0.01)	48.8	(0.8)	52.2	(0.7)	56.1	(0.6)	67.4	(0.5)	70.7	(0.6)	
Uruguay	-0.05	(0.02)	43.7	(0.9)	42.5	(0.9)	49.5	(0.8)	64.3	(0.7)	68.6	(0.7)	
Viet Nam	m	m	m	m	m	m	m	m	m	m	m	m	
Argentina**	m	m	m	m	m	m	m	m	m	m	m	m	
Kazakhstan**	m	m	m	m	m	m	m	m	m	m	m	m	
Malaysia**	0.49	(0.02)	51.3	(0.9)	74.9	(0.9)	71.1	(0.8)	80.6	(0.9)	85.8	(0.7)	

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 2/2]


Table 1.3.2a Index of interest in broad science topics

Percentage of students who reported that they are “interested” or “highly interested” and percentage of students who reported that “[they] don’t know what this is”

	Percentage of students who do not know what the following topics are:									
	Biosphere (e.g. ecosystem services, sustainability)		Motion and forces (e.g. velocity, friction, magnetic and gravitational forces)		Energy and its transformation (e.g. conservation, chemical reactions)		The Universe and its history		How science can help us prevent disease	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD										
Australia	2.7	(0.1)	1.3	(0.1)	1.5	(0.1)	2.6	(0.2)	2.1	(0.1)
Austria	2.0	(0.2)	2.3	(0.2)	2.6	(0.2)	5.5	(0.3)	5.1	(0.4)
Belgium	3.7	(0.2)	1.3	(0.1)	1.8	(0.2)	2.9	(0.2)	2.9	(0.2)
Canada	2.0	(0.2)	1.5	(0.1)	2.0	(0.1)	3.1	(0.2)	3.2	(0.2)
Chile	3.5	(0.3)	1.2	(0.2)	1.8	(0.2)	2.5	(0.2)	2.6	(0.2)
Czech Republic	1.4	(0.2)	0.8	(0.1)	0.8	(0.1)	1.1	(0.2)	2.2	(0.2)
Denmark	1.9	(0.2)	0.8	(0.1)	1.4	(0.2)	2.0	(0.2)	2.0	(0.2)
Estonia	3.6	(0.3)	1.2	(0.2)	1.6	(0.2)	2.4	(0.2)	3.0	(0.3)
Finland	5.5	(0.4)	0.6	(0.1)	0.8	(0.1)	1.9	(0.2)	2.0	(0.2)
France	2.6	(0.2)	1.7	(0.2)	2.0	(0.2)	2.4	(0.2)	3.2	(0.3)
Germany	2.2	(0.3)	2.8	(0.3)	2.7	(0.3)	7.1	(0.5)	6.2	(0.4)
Greece	3.1	(0.3)	1.6	(0.2)	2.0	(0.2)	4.2	(0.3)	5.5	(0.4)
Hungary	4.4	(0.4)	1.5	(0.2)	1.9	(0.2)	3.6	(0.3)	4.3	(0.3)
Iceland	3.8	(0.3)	1.7	(0.2)	2.1	(0.3)	4.0	(0.3)	3.8	(0.3)
Ireland	13.2	(0.5)	1.5	(0.2)	1.5	(0.2)	2.5	(0.2)	2.6	(0.2)
Israel	9.3	(0.4)	1.9	(0.2)	2.9	(0.3)	2.9	(0.3)	4.8	(0.3)
Italy	2.8	(0.2)	1.7	(0.2)	2.0	(0.2)	3.0	(0.2)	4.4	(0.3)
Japan	1.5	(0.2)	0.9	(0.1)	1.2	(0.1)	1.9	(0.2)	2.4	(0.2)
Korea	1.1	(0.1)	0.7	(0.1)	1.0	(0.2)	1.8	(0.2)	1.7	(0.2)
Latvia	3.9	(0.3)	0.9	(0.2)	1.3	(0.2)	2.6	(0.2)	3.0	(0.3)
Luxembourg	4.7	(0.3)	2.8	(0.2)	3.2	(0.2)	5.1	(0.3)	6.1	(0.3)
Mexico	1.3	(0.1)	1.3	(0.1)	1.7	(0.2)	2.7	(0.2)	2.6	(0.2)
Netherlands	2.7	(0.3)	0.9	(0.2)	1.1	(0.2)	1.6	(0.2)	1.3	(0.2)
New Zealand	4.7	(0.3)	1.0	(0.2)	1.3	(0.2)	3.1	(0.3)	2.7	(0.3)
Norway	3.4	(0.3)	1.4	(0.2)	1.9	(0.2)	3.5	(0.3)	2.7	(0.3)
Poland	1.6	(0.2)	0.6	(0.1)	0.9	(0.2)	2.1	(0.2)	2.8	(0.3)
Portugal	0.8	(0.1)	0.8	(0.1)	0.9	(0.1)	1.9	(0.2)	1.9	(0.2)
Slovak Republic	3.1	(0.3)	1.2	(0.2)	1.5	(0.2)	2.0	(0.2)	3.8	(0.3)
Slovenia	2.1	(0.2)	0.8	(0.1)	1.4	(0.2)	2.1	(0.2)	2.5	(0.2)
Spain	0.9	(0.1)	1.0	(0.1)	1.2	(0.1)	1.9	(0.2)	2.5	(0.2)
Sweden	2.2	(0.3)	1.8	(0.2)	1.9	(0.2)	3.3	(0.3)	3.1	(0.3)
Switzerland	3.3	(0.3)	2.1	(0.2)	3.0	(0.3)	4.3	(0.3)	4.4	(0.3)
Turkey	4.8	(0.3)	4.5	(0.3)	4.7	(0.3)	5.7	(0.3)	7.4	(0.3)
United Kingdom	7.0	(0.4)	1.3	(0.2)	1.3	(0.2)	2.3	(0.2)	1.9	(0.2)
United States	3.7	(0.3)	1.2	(0.1)	1.2	(0.1)	2.4	(0.2)	2.7	(0.2)
OECD average	3.4	(0.0)	1.4	(0.0)	1.8	(0.0)	3.0	(0.0)	3.3	(0.0)
Partners										
Albania	m	m	m	m	m	m	m	m	m	m
Algeria	m	m	m	m	m	m	m	m	m	m
Brazil	2.2	(0.2)	2.0	(0.1)	2.0	(0.1)	2.5	(0.2)	3.0	(0.2)
B-S-J-G (China)	1.7	(0.2)	0.9	(0.1)	2.5	(0.2)	2.7	(0.2)	2.5	(0.2)
Bulgaria	2.4	(0.3)	1.9	(0.3)	2.3	(0.3)	3.6	(0.3)	4.6	(0.4)
CABA (Argentina)	m	m	m	m	m	m	m	m	m	m
Colombia	1.6	(0.2)	1.3	(0.2)	1.6	(0.2)	1.9	(0.2)	3.2	(0.3)
Costa Rica	2.0	(0.2)	1.4	(0.2)	1.9	(0.2)	2.8	(0.3)	2.9	(0.2)
Croatia	1.2	(0.2)	0.8	(0.1)	1.1	(0.1)	2.1	(0.2)	2.6	(0.2)
Cyprus*	5.8	(0.3)	2.4	(0.2)	3.2	(0.3)	5.6	(0.3)	7.5	(0.4)
Dominican Republic	3.9	(0.4)	2.3	(0.3)	2.0	(0.3)	2.5	(0.3)	3.2	(0.4)
FYROM	m	m	m	m	m	m	m	m	m	m
Georgia	m	m	m	m	m	m	m	m	m	m
Hong Kong (China)	2.8	(0.3)	2.2	(0.2)	3.1	(0.3)	2.8	(0.3)	2.0	(0.3)
Indonesia	m	m	m	m	m	m	m	m	m	m
Jordan	m	m	m	m	m	m	m	m	m	m
Kosovo	m	m	m	m	m	m	m	m	m	m
Lebanon	m	m	m	m	m	m	m	m	m	m
Lithuania	5.8	(0.4)	2.2	(0.2)	2.6	(0.2)	3.6	(0.3)	4.4	(0.3)
Macao (China)	2.1	(0.2)	0.8	(0.2)	1.3	(0.2)	2.2	(0.3)	1.6	(0.2)
Malta	m	m	m	m	m	m	m	m	m	m
Moldova	m	m	m	m	m	m	m	m	m	m
Montenegro	2.3	(0.2)	2.2	(0.2)	2.5	(0.2)	4.4	(0.2)	6.1	(0.3)
Peru	1.9	(0.2)	1.5	(0.2)	1.4	(0.1)	1.7	(0.2)	1.7	(0.2)
Qatar	5.9	(0.2)	2.5	(0.2)	2.7	(0.2)	4.0	(0.2)	5.2	(0.2)
Romania	m	m	m	m	m	m	m	m	m	m
Russia	2.3	(0.2)	1.9	(0.2)	2.1	(0.2)	3.0	(0.3)	3.4	(0.3)
Singapore	9.8	(0.4)	1.7	(0.2)	1.8	(0.1)	5.3	(0.3)	3.3	(0.3)
Chinese Taipei	0.6	(0.1)	0.6	(0.1)	1.0	(0.1)	1.5	(0.2)	1.3	(0.1)
Thailand	1.0	(0.2)	0.9	(0.1)	1.4	(0.2)	2.9	(0.2)	2.5	(0.2)
Trinidad and Tobago	m	m	m	m	m	m	m	m	m	m
Tunisia	3.6	(0.3)	2.8	(0.2)	4.1	(0.4)	4.1	(0.4)	5.4	(0.4)
United Arab Emirates	5.4	(0.2)	3.4	(0.2)	3.9	(0.2)	4.6	(0.3)	5.8	(0.2)
Uruguay	3.1	(0.3)	2.3	(0.3)	2.6	(0.3)	3.3	(0.3)	4.2	(0.3)
Viet Nam	m	m	m	m	m	m	m	m	m	m
Argentina**	m	m	m	m	m	m	m	m	m	m
Kazakhstan**	m	m	m	m	m	m	m	m	m	m
Malaysia**	9.4	(0.4)	2.6	(0.2)	4.0	(0.3)	3.3	(0.3)	3.4	(0.2)

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/2]

Table 1.3.2b Index of interest in broad science topics and science performance, by national quarters of this index


Results based on students' self-reports

	Index of interest in broad science topics												
	All students		Variability in this index		Bottom quarter		Second quarter		Third quarter		Top quarter		
	Mean index	S.E.	S.D.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	
OECD	Australia	0.04	(0.01)	1.04	(0.01)	-1.35	(0.03)	-0.11	(0.01)	0.44	(0.01)	1.18	(0.01)
	Austria	0.06	(0.02)	0.99	(0.01)	-1.21	(0.03)	-0.12	(0.02)	0.39	(0.02)	1.17	(0.02)
	Belgium	0.07	(0.01)	1.02	(0.01)	-1.29	(0.03)	-0.08	(0.01)	0.46	(0.01)	1.19	(0.01)
	Canada	0.26	(0.01)	0.96	(0.01)	-0.96	(0.03)	0.10	(0.01)	0.57	(0.01)	1.33	(0.02)
	Chile	0.04	(0.02)	1.00	(0.01)	-1.20	(0.03)	-0.20	(0.01)	0.36	(0.01)	1.21	(0.02)
	Czech Republic	-0.67	(0.01)	0.97	(0.01)	-1.99	(0.03)	-0.85	(0.02)	-0.31	(0.01)	0.47	(0.02)
	Denmark	0.18	(0.02)	0.94	(0.01)	-1.01	(0.03)	0.03	(0.01)	0.50	(0.02)	1.21	(0.02)
	Estonia	0.02	(0.01)	0.85	(0.01)	-1.06	(0.03)	-0.15	(0.01)	0.29	(0.01)	0.97	(0.02)
	Finland	-0.09	(0.02)	0.97	(0.01)	-1.38	(0.04)	-0.23	(0.01)	0.25	(0.02)	0.99	(0.02)
	France	-0.06	(0.02)	0.98	(0.01)	-1.35	(0.03)	-0.18	(0.01)	0.29	(0.01)	1.02	(0.02)
	Germany	0.04	(0.02)	0.96	(0.02)	-1.14	(0.04)	-0.16	(0.01)	0.32	(0.02)	1.17	(0.03)
	Greece	0.14	(0.02)	0.98	(0.02)	-1.09	(0.04)	-0.07	(0.02)	0.45	(0.02)	1.28	(0.02)
	Hungary	-0.23	(0.02)	0.96	(0.01)	-1.47	(0.04)	-0.39	(0.02)	0.09	(0.01)	0.87	(0.02)
	Iceland	0.23	(0.02)	1.17	(0.02)	-1.34	(0.05)	0.10	(0.03)	0.65	(0.01)	1.53	(0.03)
	Ireland	0.06	(0.02)	0.94	(0.01)	-1.18	(0.04)	-0.08	(0.01)	0.41	(0.01)	1.10	(0.01)
	Israel	-0.24	(0.02)	1.14	(0.01)	-1.79	(0.04)	-0.45	(0.02)	0.20	(0.02)	1.08	(0.02)
	Italy	0.21	(0.02)	0.85	(0.01)	-0.83	(0.03)	0.04	(0.02)	0.46	(0.01)	1.16	(0.02)
	Japan	-0.11	(0.02)	0.92	(0.01)	-1.27	(0.03)	-0.22	(0.01)	0.17	(0.02)	0.90	(0.02)
	Korea	-0.07	(0.02)	0.98	(0.01)	-1.32	(0.04)	-0.22	(0.01)	0.25	(0.02)	1.01	(0.02)
	Latvia	0.14	(0.01)	0.80	(0.01)	-0.85	(0.03)	-0.03	(0.01)	0.39	(0.01)	1.06	(0.02)
	Luxembourg	0.21	(0.01)	1.00	(0.01)	-1.06	(0.03)	0.02	(0.01)	0.53	(0.01)	1.35	(0.02)
	Mexico	0.43	(0.01)	0.82	(0.01)	-0.54	(0.02)	0.26	(0.02)	0.61	(0.01)	1.42	(0.02)
	Netherlands	-0.27	(0.02)	1.00	(0.01)	-1.67	(0.04)	-0.36	(0.02)	0.14	(0.01)	0.83	(0.02)
	New Zealand	0.09	(0.02)	1.01	(0.01)	-1.23	(0.04)	-0.04	(0.02)	0.45	(0.02)	1.20	(0.02)
	Norway	0.05	(0.02)	1.06	(0.01)	-1.38	(0.04)	-0.08	(0.02)	0.46	(0.01)	1.19	(0.02)
	Poland	-0.24	(0.02)	0.86	(0.01)	-1.38	(0.03)	-0.34	(0.01)	0.03	(0.01)	0.72	(0.02)
	Portugal	0.27	(0.02)	0.94	(0.01)	-0.90	(0.03)	0.07	(0.02)	0.56	(0.01)	1.33	(0.02)
	Slovak Republic	-0.32	(0.02)	1.02	(0.01)	-1.75	(0.04)	-0.38	(0.02)	0.08	(0.02)	0.76	(0.02)
	Slovenia	-0.32	(0.01)	0.95	(0.01)	-1.55	(0.02)	-0.51	(0.02)	-0.02	(0.01)	0.79	(0.02)
	Spain	0.10	(0.01)	0.91	(0.01)	-1.05	(0.03)	-0.06	(0.01)	0.42	(0.01)	1.12	(0.01)
	Sweden	-0.02	(0.02)	1.09	(0.01)	-1.44	(0.04)	-0.24	(0.02)	0.36	(0.02)	1.25	(0.02)
	Switzerland	0.15	(0.02)	0.92	(0.02)	-1.02	(0.04)	-0.02	(0.02)	0.46	(0.01)	1.19	(0.02)
Turkey	-0.06	(0.02)	1.02	(0.01)	-1.37	(0.03)	-0.20	(0.01)	0.30	(0.01)	1.04	(0.02)	
United Kingdom	0.01	(0.02)	0.96	(0.01)	-1.26	(0.04)	-0.14	(0.01)	0.36	(0.01)	1.07	(0.02)	
United States	0.05	(0.02)	0.98	(0.01)	-1.21	(0.03)	-0.10	(0.01)	0.41	(0.01)	1.11	(0.02)	
OECD average	0.00	(0.00)	0.97	(0.00)	-1.25	(0.01)	-0.15	(0.00)	0.34	(0.00)	1.09	(0.00)	
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	
	Algeria	m	m	m	m	m	m	m	m	m	m	m	
	Brazil	0.24	(0.01)	0.98	(0.01)	-0.96	(0.03)	0.06	(0.02)	0.52	(0.01)	1.36	(0.02)
	B-S-J-G (China)	0.45	(0.02)	0.81	(0.01)	-0.46	(0.02)	0.24	(0.02)	0.59	(0.01)	1.45	(0.03)
	Bulgaria	0.28	(0.02)	1.00	(0.02)	-0.95	(0.04)	0.09	(0.02)	0.57	(0.01)	1.42	(0.03)
	CABA (Argentina)	m	m	m	m	m	m	m	m	m	m	m	
	Colombia	0.35	(0.01)	0.89	(0.01)	-0.73	(0.03)	0.15	(0.01)	0.57	(0.01)	1.39	(0.02)
	Costa Rica	0.22	(0.02)	0.93	(0.01)	-0.89	(0.03)	-0.03	(0.01)	0.48	(0.01)	1.34	(0.03)
	Croatia	-0.16	(0.02)	0.97	(0.01)	-1.47	(0.04)	-0.27	(0.02)	0.17	(0.02)	0.91	(0.02)
	Cyprus*	0.02	(0.02)	1.06	(0.01)	-1.33	(0.04)	-0.18	(0.01)	0.38	(0.01)	1.22	(0.02)
	Dominican Republic	0.69	(0.02)	0.94	(0.02)	-0.40	(0.04)	0.50	(0.01)	0.76	(0.02)	1.91	(0.04)
	FYROM	m	m	m	m	m	m	m	m	m	m	m	
	Georgia	m	m	m	m	m	m	m	m	m	m	m	
	Hong Kong (China)	0.25	(0.02)	1.02	(0.01)	-1.05	(0.03)	0.07	(0.02)	0.57	(0.01)	1.39	(0.03)
	Indonesia	m	m	m	m	m	m	m	m	m	m	m	
	Jordan	m	m	m	m	m	m	m	m	m	m	m	
	Kosovo	m	m	m	m	m	m	m	m	m	m	m	
	Lebanon	m	m	m	m	m	m	m	m	m	m	m	
	Lithuania	0.11	(0.01)	0.86	(0.01)	-0.95	(0.03)	-0.07	(0.01)	0.38	(0.01)	1.08	(0.02)
	Macao (China)	0.06	(0.01)	0.91	(0.01)	-1.06	(0.03)	-0.15	(0.01)	0.34	(0.01)	1.13	(0.02)
	Malta	m	m	m	m	m	m	m	m	m	m	m	
	Moldova	m	m	m	m	m	m	m	m	m	m	m	
	Montenegro	-0.08	(0.02)	1.06	(0.01)	-1.45	(0.03)	-0.25	(0.01)	0.27	(0.02)	1.10	(0.02)
	Peru	0.46	(0.01)	0.81	(0.01)	-0.48	(0.02)	0.26	(0.02)	0.62	(0.01)	1.46	(0.02)
	Qatar	0.25	(0.01)	0.96	(0.01)	-0.96	(0.02)	0.10	(0.01)	0.54	(0.00)	1.31	(0.02)
	Romania	m	m	m	m	m	m	m	m	m	m	m	
	Russia	0.03	(0.02)	0.91	(0.01)	-1.06	(0.04)	-0.17	(0.02)	0.30	(0.02)	1.04	(0.03)
	Singapore	0.28	(0.01)	0.91	(0.01)	-0.85	(0.02)	0.10	(0.01)	0.57	(0.01)	1.31	(0.02)
	Chinese Taipei	-0.01	(0.01)	0.85	(0.01)	-1.00	(0.02)	-0.19	(0.01)	0.19	(0.02)	0.96	(0.02)
	Thailand	0.60	(0.01)	0.69	(0.01)	-0.16	(0.02)	0.49	(0.01)	0.62	(0.01)	1.45	(0.03)
	Trinidad and Tobago	m	m	m	m	m	m	m	m	m	m	m	
	Tunisia	0.26	(0.01)	0.87	(0.01)	-0.81	(0.03)	0.05	(0.01)	0.51	(0.01)	1.29	(0.02)
United Arab Emirates	0.19	(0.01)	0.96	(0.01)	-1.03	(0.03)	0.00	(0.01)	0.50	(0.01)	1.28	(0.02)	
Uruguay	-0.05	(0.02)	0.97	(0.02)	-1.33	(0.04)	-0.18	(0.01)	0.32	(0.01)	0.98	(0.02)	
Viet Nam	m	m	m	m	m	m	m	m	m	m	m		
Argentina**	m	m	m	m	m	m	m	m	m	m	m		
Kazakhstan**	m	m	m	m	m	m	m	m	m	m	m		
Malaysia**	0.49	(0.02)	0.75	(0.02)	-0.39	(0.03)	0.35	(0.01)	0.62	(0.01)	1.37	(0.02)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

StatLink  <http://dx.doi.org/10.1787/888933433183>



[Part 2/2]

Table 1.3.2b Index of interest in broad science topics and science performance, by national quarters of this index*Results based on students' self-reports*

	Performance in science, by national quarters of this index								Difference in science performance between students in the top quarter and students in the bottom quarter of this index		Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national science performance distribution		Explained variance in student performance in science (r-squared x 100)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
	Bottom quarter		Second quarter		Third quarter		Top quarter																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.	Relative risk	S.E.	%	S.E.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	<i>OECD</i>	Australia	470 (2.5)	508 (2.6)	521 (2.4)	565 (2.5)	95 (3.3)	33 (1.0)	2.0 (0.1)	11.7 (0.6)	Austria	461 (3.6)	503 (5.2)	513 (3.9)	532 (3.3)	71 (4.6)	27 (1.7)	2.0 (0.1)	7.7 (1.0)	Belgium	468 (2.8)	508 (3.8)	528 (3.2)	560 (2.8)	92 (3.9)	33 (1.2)	2.2 (0.1)	13.1 (1.0)	Canada	494 (2.9)	534 (2.6)	535 (2.4)	567 (2.7)	73 (3.3)	26 (1.0)	1.9 (0.1)	7.7 (0.6)	Chile	437 (2.8)	445 (3.4)	453 (4.2)	476 (3.7)	38 (3.7)	14 (1.4)	1.2 (0.1)	2.5 (0.5)	Czech Republic	461 (3.6)	508 (3.3)	509 (3.1)	523 (3.2)	62 (4.8)	25 (1.7)	1.9 (0.1)	6.8 (0.8)	Denmark	472 (3.0)	504 (3.2)	514 (3.3)	549 (3.2)	78 (4.0)	29 (1.3)	2.0 (0.1)	9.5 (0.8)	Estonia	506 (3.2)	534 (3.1)	546 (3.9)	561 (3.7)	55 (4.5)	25 (1.6)	1.7 (0.1)	5.8 (0.7)	Finland	495 (3.5)	526 (3.9)	551 (3.3)	575 (3.3)	80 (4.0)	35 (1.2)	2.0 (0.1)	13.2 (0.9)	France	460 (2.8)	501 (2.7)	519 (3.3)	549 (3.7)	89 (4.1)	36 (1.3)	2.1 (0.1)	13.5 (1.0)	Germany	497 (4.3)	521 (4.1)	530 (4.9)	553 (5.0)	56 (5.4)	22 (1.9)	1.6 (0.1)	4.7 (0.9)	Greece	423 (4.0)	448 (4.6)	472 (4.8)	502 (4.1)	79 (4.4)	28 (1.6)	2.0 (0.1)	9.5 (1.0)	Hungary	461 (3.7)	480 (4.1)	491 (4.9)	500 (4.6)	38 (5.6)	19 (2.1)	1.3 (0.1)	3.5 (0.8)	Iceland	437 (3.5)	479 (3.4)	482 (3.5)	518 (3.4)	81 (4.5)	25 (1.3)	2.0 (0.1)	10.6 (1.1)	Ireland	458 (3.7)	501 (3.1)	510 (3.4)	553 (3.0)	95 (4.0)	37 (1.1)	2.3 (0.1)	15.5 (0.9)	Israel	449 (4.4)	474 (4.4)	480 (6.1)	499 (5.2)	50 (6.1)	18 (1.9)	1.4 (0.1)	3.9 (0.8)	Italy	453 (3.4)	484 (3.5)	487 (3.4)	515 (3.6)	62 (4.3)	25 (1.7)	1.7 (0.1)	5.4 (0.7)	Japan	508 (3.2)	530 (3.9)	562 (3.7)	565 (4.6)	57 (4.7)	29 (1.7)	1.7 (0.1)	8.3 (0.9)	Korea	491 (3.5)	503 (4.9)	526 (3.4)	548 (5.6)	57 (6.2)	24 (1.9)	1.4 (0.1)	6.1 (0.9)	Latvia	477 (2.9)	492 (2.8)	488 (3.0)	513 (3.2)	36 (4.4)	15 (1.8)	1.3 (0.1)	2.1 (0.5)	Luxembourg	449 (2.6)	493 (2.8)	498 (3.3)	532 (3.1)	82 (4.4)	27 (1.6)	2.0 (0.1)	7.9 (0.9)	Mexico	404 (3.2)	421 (3.1)	415 (2.6)	440 (3.0)	36 (3.9)	14 (1.5)	1.5 (0.1)	2.4 (0.5)	Netherlands	471 (3.1)	506 (3.5)	535 (3.2)	558 (4.1)	87 (4.4)	35 (1.6)	2.0 (0.1)	13.4 (1.1)	New Zealand	477 (3.8)	525 (3.5)	526 (4.9)	564 (3.8)	86 (5.2)	31 (1.8)	1.9 (0.1)	9.4 (1.0)	Norway	463 (3.0)	497 (3.6)	513 (3.6)	550 (3.2)	87 (4.2)	29 (1.4)	2.0 (0.1)	10.6 (0.9)	Poland	487 (3.6)	492 (3.2)	508 (3.7)	527 (4.1)	39 (4.7)	20 (1.9)	1.2 (0.1)	3.6 (0.7)	Portugal	474 (3.3)	510 (3.1)	493 (3.5)	540 (4.4)	66 (4.2)	20 (1.4)	1.5 (0.1)	4.3 (0.6)	Slovak Republic	445 (3.2)	466 (3.5)	483 (3.3)	490 (3.4)	45 (3.8)	19 (1.4)	1.4 (0.1)	4.3 (0.6)	Slovenia	484 (3.0)	511 (3.2)	532 (3.4)	546 (3.0)	62 (4.7)	27 (1.6)	1.7 (0.1)	7.6 (0.9)	Spain	467 (3.2)	495 (2.8)	494 (3.1)	531 (2.8)	65 (3.5)	25 (1.3)	1.7 (0.1)	6.9 (0.7)	Sweden	461 (3.4)	495 (4.2)	513 (4.6)	553 (4.6)	92 (4.6)	31 (1.6)	2.0 (0.1)	11.6 (1.1)	Switzerland	470 (4.5)	512 (3.6)	521 (3.9)	547 (4.0)	77 (5.5)	30 (1.7)	1.9 (0.1)	8.0 (0.9)	Turkey	418 (4.0)	430 (4.5)	431 (4.5)	437 (5.3)	19 (4.2)	8 (1.4)	1.2 (0.1)	1.0 (0.3)	United Kingdom	480 (3.1)	513 (3.9)	518 (3.7)	556 (4.0)	75 (4.4)	30 (1.6)	1.8 (0.1)	8.8 (0.9)	United States	472 (3.8)	511 (3.5)	490 (5.0)	534 (3.8)	62 (4.2)	19 (1.5)	1.6 (0.1)	3.6 (0.5)	OECD average	466 (0.6)	496 (0.6)	505 (0.6)	532 (0.6)	66 (0.8)	25 (0.3)	1.8 (0.0)	7.6 (0.1)	<i>Partners</i>	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Algeria	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Brazil	392 (3.3)	421 (3.7)	410 (3.6)	450 (4.3)	58 (3.9)	18 (1.5)	1.5 (0.1)	3.7 (0.6)	B-5-J-G (China)	497 (5.5)	517 (5.9)	516 (5.2)	549 (5.9)	52 (5.5)	22 (2.4)	1.5 (0.1)	2.9 (0.6)	Bulgaria	444 (5.1)	468 (4.8)	460 (5.1)	475 (5.3)	30 (5.4)	9 (1.9)	1.5 (0.1)	0.9 (0.4)	CABA (Argentina)	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Colombia	400 (3.5)	424 (3.2)	418 (2.9)	441 (3.1)	41 (3.8)	15 (1.3)	1.6 (0.1)	2.8 (0.5)	Costa Rica	402 (2.7)	430 (2.7)	423 (3.4)	443 (3.0)	40 (2.9)	12 (1.2)	1.7 (0.1)	2.7 (0.5)	Croatia	445 (3.7)	472 (3.4)	485 (3.2)	511 (3.5)	66 (4.0)	28 (1.5)	1.8 (0.1)	9.9 (1.0)	Cyprus*	409 (2.7)	423 (3.0)	444 (3.4)	485 (2.8)	76 (4.4)	25 (1.3)	1.6 (0.1)	8.6 (0.8)	Dominican Republic	335 (4.4)	330 (4.3)	355 (3.5)	360 (4.1)	25 (5.1)	10 (1.8)	1.4 (0.1)	1.8 (0.6)	FYROM	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Georgia	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Hong Kong (China)	495 (3.6)	528 (3.9)	526 (3.5)	553 (2.6)	58 (3.7)	20 (1.2)	1.7 (0.1)	6.2 (0.7)	Indonesia	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Jordan	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Kosovo	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Lebanon	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Lithuania	457 (3.4)	480 (3.3)	477 (3.9)	506 (3.5)	49 (4.4)	18 (1.6)	1.6 (0.1)	2.9 (0.5)	Macao (China)	505 (2.3)	525 (2.7)	532 (2.6)	554 (3.1)	49 (4.3)	19 (1.5)	1.5 (0.1)	4.7 (0.7)	Malta	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Moldova	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Montenegro	399 (2.3)	418 (3.2)	430 (3.3)	443 (2.7)	43 (3.6)	16 (1.3)	1.5 (0.1)	4.4 (0.7)	Peru	399 (3.7)	408 (3.5)	403 (3.5)	427 (2.8)	28 (3.6)	11 (1.4)	1.3 (0.1)	1.5 (0.4)	Qatar	408 (1.9)	446 (2.0)	418 (2.2)	463 (2.6)	55 (2.9)	17 (1.1)	1.4 (0.1)	2.8 (0.4)	Romania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Russia	467 (3.1)	490 (3.6)	496 (4.2)	513 (3.8)	46 (3.6)	18 (1.2)	1.6 (0.1)	4.2 (0.5)	Singapore	523 (3.0)	564 (3.4)	556 (2.8)	592 (2.8)	70 (3.8)	28 (1.6)	1.8 (0.1)	6.2 (0.7)	Chinese Taipei	492 (3.3)	521 (3.6)	555 (3.9)	562 (4.5)	70 (5.2)	35 (2.1)	1.9 (0.1)	9.2 (0.9)	Thailand	428 (4.4)	404 (3.1)	424 (3.4)	436 (4.0)	7 (4.0)	6 (1.8)	0.9 (0.1)	0.3 (0.2)	Trinidad and Tobago	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Tunisia	380 (2.8)	390 (3.3)	394 (3.4)	407 (3.0)	27 (3.3)	10 (1.1)	1.3 (0.1)	1.9 (0.4)	United Arab Emirates	421 (3.1)	448 (3.3)	440 (3.2)	469 (3.3)	48 (3.5)	15 (1.2)	1.3 (0.1)	2.2 (0.4)	Uruguay	427 (3.1)	447 (3.7)	452 (3.4)	472 (4.4)	45 (4.6)	19 (1.5)	1.4 (0.1)	4.9 (0.7)	Viet Nam	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m		Argentina**	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Kazakhstan**	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Malaysia**	424 (4.2)	439 (3.6)	446 (4.8)	473 (3.2)	49 (3.7)	23 (1.6)	1.7 (0.1)
<i>Partners</i>	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Algeria	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Brazil	392 (3.3)	421 (3.7)	410 (3.6)	450 (4.3)	58 (3.9)	18 (1.5)	1.5 (0.1)	3.7 (0.6)	B-5-J-G (China)	497 (5.5)	517 (5.9)	516 (5.2)	549 (5.9)	52 (5.5)	22 (2.4)	1.5 (0.1)	2.9 (0.6)	Bulgaria	444 (5.1)	468 (4.8)	460 (5.1)	475 (5.3)	30 (5.4)	9 (1.9)	1.5 (0.1)	0.9 (0.4)	CABA (Argentina)	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Colombia	400 (3.5)	424 (3.2)	418 (2.9)	441 (3.1)	41 (3.8)	15 (1.3)	1.6 (0.1)	2.8 (0.5)	Costa Rica	402 (2.7)	430 (2.7)	423 (3.4)	443 (3.0)	40 (2.9)	12 (1.2)	1.7 (0.1)	2.7 (0.5)	Croatia	445 (3.7)	472 (3.4)	485 (3.2)	511 (3.5)	66 (4.0)	28 (1.5)	1.8 (0.1)	9.9 (1.0)	Cyprus*	409 (2.7)	423 (3.0)	444 (3.4)	485 (2.8)	76 (4.4)	25 (1.3)	1.6 (0.1)	8.6 (0.8)	Dominican Republic	335 (4.4)	330 (4.3)	355 (3.5)	360 (4.1)	25 (5.1)	10 (1.8)	1.4 (0.1)	1.8 (0.6)	FYROM	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Georgia	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Hong Kong (China)	495 (3.6)	528 (3.9)	526 (3.5)	553 (2.6)	58 (3.7)	20 (1.2)	1.7 (0.1)	6.2 (0.7)	Indonesia	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Jordan	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Kosovo	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Lebanon	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Lithuania	457 (3.4)	480 (3.3)	477 (3.9)	506 (3.5)	49 (4.4)	18 (1.6)	1.6 (0.1)	2.9 (0.5)	Macao (China)	505 (2.3)	525 (2.7)	532 (2.6)	554 (3.1)	49 (4.3)	19 (1.5)	1.5 (0.1)	4.7 (0.7)	Malta	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Moldova	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Montenegro	399 (2.3)	418 (3.2)	430 (3.3)	443 (2.7)	43 (3.6)	16 (1.3)	1.5 (0.1)	4.4 (0.7)	Peru	399 (3.7)	408 (3.5)	403 (3.5)	427 (2.8)	28 (3.6)	11 (1.4)	1.3 (0.1)	1.5 (0.4)	Qatar	408 (1.9)	446 (2.0)	418 (2.2)	463 (2.6)	55 (2.9)	17 (1.1)	1.4 (0.1)	2.8 (0.4)	Romania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Russia	467 (3.1)	490 (3.6)	496 (4.2)	513 (3.8)	46 (3.6)	18 (1.2)	1.6 (0.1)	4.2 (0.5)	Singapore	523 (3.0)	564 (3.4)	556 (2.8)	592 (2.8)	70 (3.8)	28 (1.6)	1.8 (0.1)	6.2 (0.7)	Chinese Taipei	492 (3.3)	521 (3.6)	555 (3.9)	562 (4.5)	70 (5.2)	35 (2.1)	1.9 (0.1)	9.2 (0.9)	Thailand	428 (4.4)	404 (3.1)	424 (3.4)	436 (4.0)	7 (4.0)	6 (1.8)	0.9 (0.1)	0.3 (0.2)	Trinidad and Tobago	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Tunisia	380 (2.8)	390 (3.3)	394 (3.4)	407 (3.0)	27 (3.3)	10 (1.1)	1.3 (0.1)	1.9 (0.4)	United Arab Emirates	421 (3.1)	448 (3.3)	440 (3.2)	469 (3.3)	48 (3.5)	15 (1.2)	1.3 (0.1)	2.2 (0.4)	Uruguay	427 (3.1)	447 (3.7)	452 (3.4)	472 (4.4)	45 (4.6)	19 (1.5)	1.4 (0.1)	4.9 (0.7)	Viet Nam	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m		Argentina**	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Kazakhstan**	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Malaysia**	424 (4.2)	439 (3.6)	446 (4.8)	473 (3.2)	49 (3.7)	23 (1.6)	1.7 (0.1)	5.4 (0.8)																																																																																																																																																																																																																																																																																																																																					
	Argentina**	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Kazakhstan**	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	Malaysia**	424 (4.2)	439 (3.6)	446 (4.8)	473 (3.2)	49 (3.7)	23 (1.6)	1.7 (0.1)	5.4 (0.8)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

StatLink <http://dx.doi.org/10.1787/888933433183>

[Part 1/1]


Table 1.3.3a Index of instrumental motivation to learn science

Percentage of students who reported that they “agree” or “strongly agree”

	Index of instrumental motivation to learn science		Percentage of students who agreed with the following statements:										
			Making an effort in my <school science> subject(s) is worth it because this will help me in the work I want to do later on		What I learn in my <school science> subject(s) is important for me because I need this for what I want to do later on		Studying my <school science> subject(s) is worthwhile for me because what I learn will improve my career prospects		Many things I learn in my <school science> subject(s) will help me to get a job		How science can help us prevent disease		
			%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
OECD													
Australia	0.16	(0.01)	70.0	(0.5)	61.6	(0.6)	66.7	(0.5)	61.3	(0.5)	68.9	(0.5)	
Austria	-0.22	(0.02)	53.3	(0.8)	47.2	(0.9)	50.0	(0.8)	45.2	(0.9)	61.4	(0.8)	
Belgium	-0.01	(0.01)	65.7	(0.6)	55.7	(0.7)	63.1	(0.7)	52.7	(0.6)	72.8	(0.6)	
Canada	0.46	(0.01)	81.0	(0.5)	73.6	(0.5)	79.5	(0.5)	73.7	(0.5)	73.5	(0.6)	
Chile	0.34	(0.02)	76.4	(0.7)	70.1	(0.8)	75.3	(0.8)	68.1	(0.9)	68.0	(0.8)	
Czech Republic	-0.12	(0.02)	56.6	(0.9)	51.4	(1.1)	51.7	(1.0)	48.2	(0.9)	35.6	(0.8)	
Denmark	0.04	(0.02)	60.0	(0.8)	60.5	(0.7)	62.0	(0.7)	53.2	(0.7)	71.5	(0.7)	
Estonia	0.19	(0.01)	74.1	(0.7)	73.4	(0.7)	71.4	(0.7)	61.0	(0.8)	64.6	(0.7)	
Finland	0.16	(0.02)	65.0	(0.7)	70.7	(0.7)	65.9	(0.7)	64.0	(0.8)	63.2	(1.0)	
France	0.00	(0.02)	63.4	(0.7)	56.8	(0.7)	64.0	(0.7)	50.1	(0.8)	69.3	(0.6)	
Germany	-0.24	(0.02)	54.4	(0.8)	45.7	(0.9)	49.1	(1.0)	43.8	(0.9)	68.1	(0.8)	
Greece	0.27	(0.02)	73.7	(0.7)	72.5	(0.7)	72.4	(0.8)	62.4	(0.9)	64.6	(1.1)	
Hungary	-0.04	(0.02)	68.3	(0.7)	57.5	(1.0)	56.7	(0.8)	53.4	(0.9)	58.2	(0.9)	
Iceland	0.22	(0.02)	69.6	(0.8)	67.3	(0.9)	67.8	(0.8)	66.2	(0.9)	75.3	(0.7)	
Ireland	0.36	(0.02)	78.1	(0.8)	67.8	(0.8)	76.4	(0.9)	71.3	(0.8)	77.7	(0.7)	
Israel	0.28	(0.03)	69.8	(1.0)	63.6	(1.1)	71.4	(0.9)	64.5	(1.1)	59.6	(0.8)	
Italy	0.16	(0.02)	69.4	(1.0)	65.7	(1.2)	72.9	(0.9)	64.0	(1.1)	78.4	(0.7)	
Japan	-0.02	(0.02)	61.4	(0.8)	56.4	(0.9)	56.7	(0.9)	52.1	(0.8)	53.6	(0.9)	
Korea	0.03	(0.02)	66.1	(1.0)	56.9	(1.0)	62.7	(1.0)	63.8	(0.9)	61.4	(0.9)	
Latvia	0.08	(0.01)	68.3	(0.9)	65.3	(0.7)	59.8	(0.8)	59.1	(0.8)	70.3	(0.8)	
Luxembourg	-0.03	(0.02)	60.8	(0.7)	54.7	(0.7)	58.6	(0.6)	52.6	(0.7)	70.8	(0.7)	
Mexico	0.53	(0.01)	85.0	(0.6)	81.0	(0.6)	85.0	(0.5)	79.5	(0.6)	80.2	(0.8)	
Netherlands	-0.21	(0.02)	54.9	(0.9)	48.0	(0.9)	54.7	(0.8)	47.1	(0.9)	60.1	(0.7)	
New Zealand	0.38	(0.02)	78.8	(0.7)	71.2	(0.7)	75.7	(0.7)	72.4	(0.7)	65.8	(0.7)	
Norway	0.11	(0.02)	68.7	(0.8)	64.3	(0.9)	67.1	(0.8)	59.9	(0.7)	65.9	(0.8)	
Poland	0.13	(0.02)	68.4	(0.8)	60.3	(0.9)	70.2	(0.7)	58.4	(0.9)	58.8	(0.8)	
Portugal	0.36	(0.02)	73.2	(0.8)	72.1	(0.7)	75.3	(0.8)	72.0	(0.8)	79.0	(0.6)	
Slovak Republic	0.04	(0.01)	65.0	(0.8)	59.3	(0.8)	63.5	(0.7)	56.9	(0.7)	52.2	(0.8)	
Slovenia	0.07	(0.02)	72.3	(0.7)	66.2	(0.7)	62.6	(0.8)	56.5	(0.8)	57.1	(0.8)	
Spain	0.26	(0.02)	68.2	(0.7)	65.4	(0.7)	70.5	(0.6)	68.2	(0.7)	75.4	(0.6)	
Sweden	0.26	(0.02)	74.0	(0.7)	67.4	(0.7)	74.1	(0.6)	64.8	(0.8)	60.7	(1.0)	
Switzerland	-0.25	(0.02)	54.5	(1.0)	47.8	(0.9)	52.6	(0.8)	42.8	(1.0)	70.3	(0.8)	
Turkey	0.38	(0.01)	80.4	(0.5)	79.0	(0.6)	74.9	(0.6)	70.7	(0.7)	58.3	(0.8)	
United Kingdom	0.38	(0.02)	79.7	(0.6)	67.6	(0.7)	77.0	(0.6)	71.3	(0.8)	72.9	(0.8)	
United States	0.32	(0.02)	80.6	(0.6)	72.2	(0.8)	74.1	(0.7)	70.2	(0.8)	72.7	(0.7)	
OECD average	0.14	(0.00)	68.8	(0.1)	63.3	(0.1)	66.6	(0.1)	60.6	(0.1)	66.2	(0.1)	
Partners													
Albania	0.88	(0.01)	93.1	(0.4)	91.0	(0.5)	90.1	(0.6)	88.1	(0.6)	m	m	
Algeria	0.43	(0.02)	81.9	(0.7)	81.5	(0.7)	80.2	(0.7)	75.7	(0.8)	m	m	
Brazil	0.45	(0.01)	81.9	(0.5)	78.9	(0.6)	85.3	(0.4)	75.7	(0.6)	73.3	(0.6)	
B-S-J-G (China)	0.53	(0.01)	90.6	(0.4)	86.8	(0.5)	87.8	(0.5)	81.6	(0.7)	79.0	(0.7)	
Bulgaria	0.18	(0.02)	71.2	(0.8)	65.0	(0.9)	71.5	(0.8)	62.3	(1.0)	75.1	(0.8)	
CABA (Argentina)	0.16	(0.03)	70.5	(1.2)	59.7	(1.2)	71.8	(1.6)	58.7	(1.7)	m	m	
Colombia	0.40	(0.01)	82.4	(0.5)	77.4	(0.6)	79.3	(0.5)	72.1	(0.6)	78.9	(0.6)	
Costa Rica	0.44	(0.02)	78.8	(0.7)	74.0	(0.8)	80.4	(0.7)	74.3	(0.8)	74.5	(0.8)	
Croatia	0.14	(0.02)	70.1	(0.8)	66.3	(0.9)	67.3	(0.8)	62.1	(0.8)	64.1	(0.9)	
Cyprus*	0.30	(0.01)	74.7	(0.6)	73.1	(0.7)	71.9	(0.5)	65.8	(0.7)	60.7	(0.7)	
Dominican Republic	0.60	(0.02)	84.3	(0.8)	80.6	(0.8)	84.7	(0.8)	79.0	(0.9)	87.0	(0.8)	
FYROM	0.45	(0.01)	84.6	(0.6)	81.1	(0.7)	79.7	(0.7)	74.6	(0.7)	m	m	
Georgia	0.22	(0.01)	71.3	(0.8)	63.8	(0.9)	75.5	(0.7)	68.1	(0.7)	m	m	
Hong Kong (China)	0.23	(0.02)	72.6	(0.7)	71.9	(0.8)	75.3	(0.7)	69.1	(0.8)	69.2	(0.7)	
Indonesia	0.81	(0.02)	95.4	(0.3)	94.6	(0.3)	93.6	(0.4)	90.7	(0.5)	m	m	
Jordan	0.71	(0.01)	90.5	(0.5)	85.4	(0.5)	84.8	(0.6)	82.8	(0.7)	m	m	
Kosovo	0.80	(0.01)	91.5	(0.4)	89.2	(0.6)	88.4	(0.6)	85.4	(0.6)	m	m	
Lebanon	0.51	(0.02)	83.5	(0.7)	81.5	(0.7)	80.2	(0.7)	77.3	(0.8)	m	m	
Lithuania	0.41	(0.02)	80.8	(0.5)	77.0	(0.6)	70.0	(0.7)	67.9	(0.7)	69.8	(0.7)	
Macao (China)	0.20	(0.01)	75.2	(0.7)	68.9	(0.7)	76.5	(0.7)	65.4	(0.8)	61.2	(0.7)	
Malta	0.20	(0.02)	70.1	(0.6)	60.1	(0.8)	65.1	(0.8)	64.0	(0.8)	m	m	
Moldova	0.36	(0.02)	74.3	(0.8)	77.3	(0.7)	75.0	(0.8)	73.7	(0.7)	m	m	
Montenegro	0.36	(0.01)	82.4	(0.5)	75.3	(0.6)	72.1	(0.6)	68.8	(0.6)	64.8	(0.7)	
Peru	0.51	(0.01)	88.9	(0.5)	85.4	(0.6)	86.7	(0.6)	76.7	(0.8)	85.1	(0.5)	
Qatar	0.53	(0.01)	85.6	(0.3)	81.8	(0.4)	81.6	(0.4)	78.8	(0.4)	73.1	(0.4)	
Romania	0.39	(0.02)	75.9	(1.0)	75.5	(1.0)	76.3	(1.0)	73.9	(0.8)	m	m	
Russia	0.24	(0.01)	76.8	(0.7)	76.5	(0.6)	69.6	(0.7)	66.8	(0.7)	63.4	(0.8)	
Singapore	0.51	(0.01)	88.2	(0.5)	83.2	(0.5)	85.9	(0.5)	79.3	(0.6)	76.9	(0.6)	
Chinese Taipei	0.24	(0.01)	75.5	(0.7)	70.1	(0.7)	76.7	(0.7)	71.9	(0.8)	66.2	(0.6)	
Thailand	0.48	(0.01)	91.8	(0.4)	91.1	(0.4)	90.0	(0.4)	89.7	(0.4)	84.6	(0.5)	
Trinidad and Tobago	0.52	(0.02)	81.1	(0.7)	74.1	(0.8)	78.9	(0.7)	77.9	(0.7)	m	m	
Tunisia	0.60	(0.01)	88.3	(0.6)	86.0	(0.6)	84.2	(0.6)	78.5	(0.7)	72.9	(0.8)	
United Arab Emirates	0.56	(0.01)	86.3	(0.4)	81.8	(0.5)	82.4	(0.4)	79.4	(0.6)	70.7	(0.6)	
Uruguay	0.29	(0.02)	79.6	(0.7)	70.5	(0.8)	71.4	(0.7)	66.3	(0.8)	68.6	(0.7)	
Viet Nam	0.48	(0.01)	91.0	(0.5)	87.9	(0.5)	85.2	(0.7)	72.2	(0.8)	m	m	
Argentina**	0.41	(0.01)	82.1	(0.6)	72.4	(0.7)	79.0	(0.6)	71.9	(0.7)	m	m	
Kazakhstan**	0.54	(0.02)	82.7	(0.6)	82.6	(0.6)	79.6	(0.7)	79.1	(0.7)	m	m	
Malaysia**	0.68	(0.02)	91.3	(0.5)	91.5	(0.5)	89.3	(0.5)	88.6	(0.6)	85.8	(0.7)	

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/2]

Table 1.3.3b Index of instrumental motivation to learn science and science performance, by national quarters of this index

Results based on students' self-reports

		Index of instrumental motivation to learn science											
		All students		Variability in this index		Bottom quarter		Second quarter		Third quarter		Top quarter	
		Mean index	S.E.	S.D.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD	Australia	0.16	(0.01)	1.06	(0.01)	-1.20	(0.02)	-0.16	(0.02)	0.45	(0.01)	1.57	(0.01)
	Austria	-0.22	(0.02)	1.11	(0.01)	-1.61	(0.03)	-0.64	(0.02)	0.10	(0.02)	1.26	(0.03)
	Belgium	-0.01	(0.01)	0.98	(0.01)	-1.24	(0.02)	-0.35	(0.02)	0.29	(0.01)	1.26	(0.03)
	Canada	0.46	(0.01)	0.99	(0.01)	-0.84	(0.02)	0.24	(0.01)	0.74	(0.02)	1.72	(0.01)
	Chile	0.34	(0.02)	0.99	(0.01)	-0.97	(0.03)	0.11	(0.02)	0.59	(0.02)	1.62	(0.02)
	Czech Republic	-0.12	(0.02)	0.96	(0.01)	-1.21	(0.02)	-0.54	(0.02)	0.15	(0.03)	1.13	(0.03)
	Denmark	0.04	(0.02)	1.00	(0.01)	-1.18	(0.02)	-0.35	(0.02)	0.29	(0.01)	1.41	(0.02)
	Estonia	0.19	(0.01)	0.81	(0.01)	-0.80	(0.02)	-0.07	(0.02)	0.37	(0.00)	1.25	(0.02)
	Finland	0.16	(0.02)	0.92	(0.01)	-0.99	(0.02)	-0.13	(0.02)	0.37	(0.00)	1.38	(0.03)
	France	0.00	(0.02)	1.06	(0.01)	-1.36	(0.02)	-0.38	(0.02)	0.35	(0.02)	1.40	(0.02)
	Germany	-0.24	(0.02)	1.04	(0.01)	-1.52	(0.03)	-0.63	(0.02)	0.05	(0.02)	1.13	(0.03)
	Greece	0.27	(0.02)	0.94	(0.01)	-0.95	(0.03)	0.02	(0.02)	0.53	(0.02)	1.49	(0.02)
	Hungary	-0.04	(0.02)	0.93	(0.01)	-1.20	(0.02)	-0.37	(0.02)	0.29	(0.02)	1.11	(0.03)
	Iceland	0.22	(0.02)	1.04	(0.01)	-1.13	(0.02)	-0.03	(0.03)	0.44	(0.02)	1.61	(0.02)
	Ireland	0.36	(0.02)	0.98	(0.01)	-0.90	(0.03)	0.09	(0.02)	0.63	(0.03)	1.64	(0.01)
	Israel	0.28	(0.03)	1.08	(0.01)	-1.14	(0.03)	-0.06	(0.04)	0.66	(0.04)	1.67	(0.02)
	Italy	0.16	(0.02)	0.88	(0.01)	-0.95	(0.03)	-0.11	(0.04)	0.37	(0.01)	1.31	(0.03)
	Japan	-0.02	(0.02)	1.03	(0.01)	-1.29	(0.02)	-0.44	(0.02)	0.28	(0.02)	1.34	(0.03)
	Korea	0.03	(0.02)	1.00	(0.01)	-1.23	(0.02)	-0.30	(0.04)	0.37	(0.00)	1.29	(0.04)
	Latvia	0.08	(0.01)	0.86	(0.01)	-0.96	(0.02)	-0.24	(0.02)	0.33	(0.01)	1.21	(0.03)
	Luxembourg	-0.03	(0.02)	1.08	(0.01)	-1.39	(0.02)	-0.45	(0.02)	0.29	(0.02)	1.42	(0.02)
	Mexico	0.53	(0.01)	0.86	(0.01)	-0.59	(0.03)	0.36	(0.01)	0.72	(0.02)	1.63	(0.01)
	Netherlands	-0.21	(0.02)	1.06	(0.01)	-1.54	(0.03)	-0.60	(0.02)	0.17	(0.02)	1.14	(0.03)
	New Zealand	0.38	(0.02)	1.01	(0.01)	-0.96	(0.03)	0.18	(0.02)	0.63	(0.03)	1.67	(0.01)
	Norway	0.11	(0.02)	0.94	(0.01)	-1.07	(0.02)	-0.19	(0.03)	0.37	(0.00)	1.33	(0.03)
	Poland	0.13	(0.02)	0.95	(0.01)	-1.06	(0.02)	-0.22	(0.02)	0.38	(0.01)	1.40	(0.02)
	Portugal	0.36	(0.02)	1.07	(0.01)	-1.10	(0.03)	0.18	(0.02)	0.65	(0.03)	1.71	(0.01)
	Slovak Republic	0.04	(0.01)	0.92	(0.01)	-1.09	(0.02)	-0.30	(0.02)	0.32	(0.01)	1.23	(0.03)
	Slovenia	0.07	(0.02)	0.90	(0.01)	-1.06	(0.02)	-0.22	(0.02)	0.36	(0.01)	1.20	(0.03)
	Spain	0.26	(0.02)	1.11	(0.01)	-1.23	(0.02)	-0.04	(0.02)	0.66	(0.02)	1.65	(0.01)
	Sweden	0.26	(0.02)	0.97	(0.01)	-0.98	(0.02)	0.00	(0.02)	0.47	(0.02)	1.55	(0.02)
	Switzerland	-0.25	(0.02)	1.04	(0.01)	-1.55	(0.03)	-0.61	(0.02)	0.10	(0.02)	1.09	(0.03)
	Turkey	0.38	(0.01)	0.92	(0.01)	-0.83	(0.03)	0.22	(0.02)	0.55	(0.02)	1.58	(0.01)
United Kingdom	0.38	(0.02)	0.97	(0.01)	-0.86	(0.02)	0.10	(0.02)	0.62	(0.02)	1.65	(0.01)	
United States	0.32	(0.02)	0.93	(0.01)	-0.88	(0.02)	0.15	(0.02)	0.47	(0.02)	1.56	(0.02)	
OECD average	0.14	(0.00)	0.98	(0.00)	-1.11	(0.00)	-0.16	(0.00)	0.41	(0.00)	1.42	(0.00)	
Partners	Albania	0.88	(0.01)	0.75	(0.01)	-0.11	(0.03)	0.68	(0.02)	1.22	(0.01)	1.73	(0.01)
	Algeria	0.43	(0.02)	0.86	(0.01)	-0.71	(0.03)	0.27	(0.02)	0.72	(0.02)	1.44	(0.01)
	Brazil	0.45	(0.01)	0.83	(0.01)	-0.59	(0.02)	0.28	(0.01)	0.54	(0.02)	1.58	(0.02)
	B-S-J-G (China)	0.53	(0.01)	0.75	(0.01)	-0.34	(0.03)	0.37	(0.00)	0.52	(0.02)	1.58	(0.02)
	Bulgaria	0.18	(0.02)	0.92	(0.01)	-0.97	(0.02)	-0.09	(0.03)	0.38	(0.01)	1.39	(0.02)
	CABA (Argentina)	0.16	(0.03)	0.95	(0.02)	-1.02	(0.04)	-0.22	(0.03)	0.45	(0.04)	1.42	(0.03)
	Colombia	0.40	(0.01)	0.86	(0.01)	-0.72	(0.02)	0.23	(0.01)	0.57	(0.02)	1.52	(0.01)
	Costa Rica	0.44	(0.02)	0.97	(0.01)	-0.85	(0.03)	0.24	(0.02)	0.70	(0.02)	1.66	(0.01)
	Croatia	0.14	(0.02)	0.94	(0.01)	-1.06	(0.02)	-0.12	(0.03)	0.38	(0.01)	1.38	(0.02)
	Cyprus*	0.30	(0.01)	0.96	(0.01)	-0.93	(0.02)	0.05	(0.02)	0.51	(0.02)	1.56	(0.01)
	Dominican Republic	0.60	(0.02)	0.97	(0.01)	-0.72	(0.04)	0.37	(0.01)	1.00	(0.05)	1.74	(0.00)
	FYROM	0.45	(0.01)	0.82	(0.01)	-0.62	(0.02)	0.27	(0.01)	0.66	(0.02)	1.50	(0.01)
	Georgia	0.22	(0.01)	0.84	(0.01)	-0.83	(0.02)	-0.05	(0.02)	0.43	(0.01)	1.31	(0.02)
	Hong Kong (China)	0.23	(0.02)	0.93	(0.01)	-1.00	(0.03)	0.14	(0.02)	0.37	(0.00)	1.42	(0.03)
	Indonesia	0.81	(0.02)	0.71	(0.01)	0.00	(0.02)	0.46	(0.02)	1.07	(0.02)	1.70	(0.01)
	Jordan	0.71	(0.01)	0.83	(0.01)	-0.37	(0.03)	0.44	(0.01)	1.07	(0.02)	1.71	(0.01)
	Kosovo	0.80	(0.01)	0.81	(0.01)	-0.24	(0.03)	0.57	(0.02)	1.17	(0.01)	1.72	(0.01)
	Lebanon	0.51	(0.02)	0.81	(0.01)	-0.54	(0.02)	0.27	(0.02)	0.78	(0.03)	1.53	(0.02)
	Lithuania	0.41	(0.02)	0.99	(0.01)	-0.90	(0.02)	0.14	(0.02)	0.74	(0.02)	1.66	(0.01)
	Macao (China)	0.20	(0.01)	0.84	(0.01)	-0.86	(0.02)	0.02	(0.02)	0.37	(0.00)	1.27	(0.02)
	Malta	0.20	(0.02)	1.06	(0.01)	-1.16	(0.02)	-0.20	(0.03)	0.58	(0.02)	1.59	(0.02)
	Moldova	0.36	(0.02)	0.80	(0.01)	-0.66	(0.02)	0.13	(0.02)	0.55	(0.02)	1.42	(0.02)
	Montenegro	0.36	(0.01)	0.92	(0.01)	-0.83	(0.02)	0.16	(0.02)	0.54	(0.02)	1.58	(0.02)
	Peru	0.51	(0.01)	0.77	(0.01)	-0.47	(0.03)	0.36	(0.01)	0.63	(0.02)	1.50	(0.01)
	Qatar	0.53	(0.01)	0.89	(0.01)	-0.62	(0.02)	0.34	(0.01)	0.73	(0.02)	1.66	(0.01)
	Romania	0.39	(0.02)	0.85	(0.01)	-0.71	(0.03)	0.16	(0.03)	0.61	(0.03)	1.49	(0.02)
	Russia	0.24	(0.01)	0.84	(0.01)	-0.80	(0.02)	0.07	(0.02)	0.37	(0.00)	1.34	(0.03)
	Singapore	0.51	(0.01)	0.82	(0.01)	-0.52	(0.02)	0.37	(0.00)	0.61	(0.02)	1.59	(0.01)
	Chinese Taipei	0.24	(0.01)	0.88	(0.01)	-0.90	(0.02)	0.15	(0.02)	0.37	(0.00)	1.36	(0.03)
	Thailand	0.48	(0.01)	0.60	(0.01)	-0.13	(0.02)	0.37	(0.00)	0.40	(0.01)	1.29	(0.02)
	Trinidad and Tobago	0.52	(0.02)	1.00	(0.01)	-0.82	(0.03)	0.25	(0.02)	0.94	(0.03)	1.72	(0.01)
	Tunisia	0.60	(0.01)	0.81	(0.01)	-0.46	(0.03)	0.37	(0.00)	0.87	(0.03)	1.62	(0.01)
	United Arab Emirates	0.56	(0.01)	0.90	(0.01)	-0.62	(0.02)	0.35	(0.01)	0.82	(0.02)	1.69	(0.01)
Uruguay	0.29	(0.02)	0.94	(0.01)	-0.91	(0.02)	0.08	(0.02)	0.48	(0.02)	1.53	(0.02)	
Viet Nam	0.48	(0.01)	0.72	(0.01)	-0.44	(0.02)	0.33	(0.01)	0.70	(0.02)	1.34	(0.01)	
Argentina**	0.41	(0.01)	0.89	(0.01)	-0.74	(0.02)	0.18	(0.02)	0.67	(0.02)	1.53	(0.01)	
Kazakhstan**	0.54	(0.02)	0.97	(0.01)	-0.78	(0.03)	0.33	(0.01)	0.92	(0.03)	1.68	(0.01)	
Malaysia**	0.68	(0.02)	0.74	(0.01)	-0.15	(0.03)	0.37	(0.00)	0.83	(0.04)	1.68	(0.01)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/2]

Table 1.3.4a Index of science self-efficacy

Percentage of students who reported they could do this "easily"

	Index of science self-efficacy		Percentage of students who reported that they could easily perform the following tasks:																
			Recognise the science question that underlies a newspaper report on a health issue		Explain why earthquakes occur more frequently in some areas than in others		Describe the role of antibiotics in the treatment of disease		Identify the science question associated with the disposal of garbage										
			Mean index	S.E.	%	S.E.	%	S.E.	%	S.E.									
OECD																			
Australia	0.07	(0.01)	21.1	(0.5)	40.9	(0.6)	21.5	(0.4)	12.4	(0.4)									
Austria	-0.17	(0.02)	17.8	(0.7)	37.1	(0.9)	20.8	(0.7)	14.1	(0.6)									
Belgium	-0.10	(0.02)	21.0	(0.6)	33.3	(0.7)	23.5	(0.6)	11.6	(0.4)									
Canada	0.35	(0.02)	27.9	(0.6)	36.1	(0.5)	24.6	(0.5)	22.2	(0.5)									
Chile	-0.10	(0.02)	17.2	(0.7)	31.7	(0.7)	14.6	(0.6)	13.1	(0.5)									
Czech Republic	0.10	(0.02)	28.4	(0.7)	38.4	(0.9)	28.1	(0.7)	13.4	(0.4)									
Denmark	0.08	(0.02)	24.5	(0.6)	46.9	(1.0)	17.0	(0.6)	16.8	(0.6)									
Estonia	-0.04	(0.02)	19.3	(0.6)	31.9	(0.9)	18.3	(0.6)	15.9	(0.5)									
Finland	-0.04	(0.02)	15.2	(0.5)	42.6	(1.0)	18.2	(0.7)	14.3	(0.5)									
France	-0.13	(0.02)	17.8	(0.5)	30.5	(0.7)	26.4	(0.7)	11.2	(0.4)									
Germany	-0.01	(0.02)	20.6	(0.7)	37.5	(1.1)	23.7	(0.9)	12.5	(0.5)									
Greece	-0.04	(0.02)	27.1	(0.7)	33.5	(0.8)	25.5	(0.6)	17.6	(0.7)									
Hungary	-0.05	(0.02)	21.8	(0.7)	22.3	(0.6)	19.8	(0.5)	19.4	(0.6)									
Iceland	0.24	(0.03)	27.8	(0.8)	36.6	(0.8)	23.8	(0.7)	19.5	(0.6)									
Ireland	0.06	(0.02)	16.5	(0.5)	48.8	(0.9)	20.9	(0.7)	20.9	(0.6)									
Israel	0.04	(0.02)	31.8	(0.7)	24.7	(0.6)	20.7	(0.6)	21.5	(0.6)									
Italy	0.13	(0.02)	25.5	(0.6)	32.8	(0.7)	19.2	(0.6)	17.6	(0.6)									
Japan	-0.46	(0.02)	8.4	(0.4)	18.6	(0.6)	6.1	(0.4)	9.8	(0.4)									
Korea	-0.02	(0.03)	12.9	(0.6)	21.3	(0.8)	15.1	(0.6)	18.3	(0.7)									
Latvia	-0.01	(0.02)	19.0	(0.7)	29.2	(0.7)	16.4	(0.6)	16.5	(0.6)									
Luxembourg	-0.03	(0.02)	21.3	(0.6)	37.6	(0.7)	26.3	(0.6)	14.9	(0.6)									
Mexico	0.27	(0.02)	26.3	(0.7)	23.8	(0.6)	19.6	(0.5)	25.5	(0.6)									
Netherlands	-0.08	(0.02)	17.5	(0.7)	40.9	(0.8)	23.6	(0.8)	10.8	(0.5)									
New Zealand	-0.03	(0.02)	17.2	(0.6)	37.1	(0.8)	17.2	(0.8)	11.7	(0.5)									
Norway	0.19	(0.02)	13.9	(0.5)	29.2	(0.8)	23.4	(0.8)	15.3	(0.6)									
Poland	0.16	(0.02)	21.4	(0.7)	30.0	(0.8)	25.5	(0.7)	15.6	(0.7)									
Portugal	0.27	(0.02)	24.6	(0.8)	33.6	(0.7)	20.3	(0.7)	16.4	(0.6)									
Slovak Republic	-0.06	(0.02)	22.6	(0.6)	24.4	(0.7)	21.3	(0.5)	14.1	(0.5)									
Slovenia	0.07	(0.02)	22.1	(0.7)	30.2	(0.7)	17.9	(0.7)	17.7	(0.6)									
Spain	-0.14	(0.02)	16.9	(0.5)	38.6	(0.8)	22.0	(0.6)	12.0	(0.4)									
Sweden	0.05	(0.02)	16.1	(0.7)	33.0	(0.9)	17.1	(0.7)	14.6	(0.6)									
Switzerland	-0.17	(0.02)	18.3	(0.7)	33.0	(0.9)	19.5	(0.7)	11.6	(0.6)									
Turkey	0.35	(0.02)	28.7	(0.7)	29.9	(0.6)	25.7	(0.7)	26.1	(0.7)									
United Kingdom	0.27	(0.02)	25.5	(0.6)	43.0	(0.9)	34.6	(0.8)	13.9	(0.5)									
United States	0.26	(0.02)	28.3	(0.7)	34.7	(0.8)	25.7	(0.8)	18.6	(0.6)									
OECD average	0.04	(0.00)	21.2	(0.1)	33.5	(0.1)	21.3	(0.1)	15.9	(0.1)									
Partners																			
Albania	0.02	(0.02)	25.5	(0.7)	31.8	(1.0)	20.7	(0.8)	17.3	(0.6)									
Algeria	-0.16	(0.02)	29.4	(0.8)	33.0	(0.8)	22.7	(0.5)	31.6	(0.7)									
Brazil	0.17	(0.02)	33.2	(0.7)	30.7	(0.7)	22.9	(0.6)	23.1	(0.4)									
B-5-J-G (China)	-0.01	(0.02)	16.1	(0.6)	20.2	(0.8)	12.4	(0.5)	18.4	(0.7)									
Bulgaria	0.39	(0.02)	32.0	(0.7)	28.7	(0.9)	26.8	(0.7)	27.2	(0.7)									
CABA (Argentina)	-0.04	(0.05)	30.6	(1.8)	35.6	(1.9)	17.1	(1.6)	16.7	(1.0)									
Colombia	-0.05	(0.02)	23.1	(0.6)	19.6	(0.5)	16.7	(0.5)	22.0	(0.7)									
Costa Rica	-0.12	(0.02)	18.4	(0.5)	25.1	(0.6)	17.2	(0.6)	23.9	(0.7)									
Croatia	0.10	(0.02)	20.0	(0.6)	28.0	(0.6)	31.6	(0.7)	18.9	(0.6)									
Cyprus*	-0.05	(0.02)	26.4	(0.7)	19.8	(0.5)	21.1	(0.6)	16.4	(0.5)									
Dominican Republic	0.54	(0.04)	38.1	(1.0)	36.5	(1.2)	28.9	(0.9)	38.4	(1.0)									
FYROM	-0.06	(0.02)	31.7	(0.8)	25.9	(0.6)	24.8	(0.6)	17.0	(0.5)									
Georgia	0.27	(0.02)	25.9	(0.7)	36.0	(0.7)	28.4	(0.7)	34.6	(0.8)									
Hong Kong (China)	-0.07	(0.02)	12.1	(0.5)	20.7	(0.6)	11.5	(0.5)	11.8	(0.5)									
Indonesia	-0.51	(0.02)	12.0	(0.7)	12.3	(0.6)	10.4	(0.6)	19.3	(0.7)									
Jordan	0.56	(0.03)	37.0	(1.1)	35.1	(0.7)	39.7	(0.8)	41.7	(0.8)									
Kosovo	-0.29	(0.02)	24.5	(0.7)	22.8	(0.7)	23.5	(0.7)	16.0	(0.6)									
Lebanon	0.17	(0.03)	38.3	(1.3)	24.4	(1.0)	26.5	(1.0)	25.3	(1.1)									
Lithuania	0.26	(0.02)	23.3	(0.6)	33.9	(0.8)	26.7	(0.7)	19.0	(0.6)									
Macao (China)	-0.03	(0.02)	13.5	(0.6)	27.9	(0.6)	13.9	(0.5)	14.4	(0.5)									
Malta	-0.09	(0.02)	22.7	(0.8)	26.0	(0.7)	17.0	(0.6)	16.0	(0.5)									
Moldova	0.09	(0.02)	19.2	(0.6)	30.0	(0.8)	22.4	(0.6)	27.8	(0.6)									
Montenegro	0.31	(0.02)	32.5	(0.7)	31.8	(0.8)	29.4	(0.6)	26.7	(0.7)									
Peru	0.34	(0.02)	22.7	(0.6)	29.1	(0.7)	18.9	(0.6)	28.5	(0.7)									
Qatar	0.36	(0.02)	31.7	(0.4)	28.0	(0.5)	30.5	(0.5)	28.3	(0.4)									
Romania	-0.20	(0.02)	17.6	(0.9)	19.8	(0.7)	17.9	(0.7)	15.3	(0.7)									
Russia	0.02	(0.03)	24.8	(0.8)	27.1	(0.9)	21.7	(0.7)	23.6	(0.8)									
Singapore	0.11	(0.01)	17.2	(0.5)	32.6	(0.6)	15.3	(0.4)	12.9	(0.4)									
Chinese Taipei	0.19	(0.02)	17.5	(0.5)	28.6	(0.7)	16.0	(0.5)	21.1	(0.6)									
Thailand	0.17	(0.02)	17.1	(0.6)	16.6	(0.5)	13.1	(0.5)	20.2	(0.6)									
Trinidad and Tobago	0.11	(0.02)	23.9	(0.7)	30.8	(0.8)	22.1	(0.7)	27.4	(0.8)									
Tunisia	-0.07	(0.02)	31.0	(0.8)	23.0	(0.8)	18.9	(0.7)	21.1	(0.7)									
United Arab Emirates	0.41	(0.02)	31.8	(0.8)	31.4	(0.6)	32.4	(0.7)	29.0	(0.6)									
Uruguay	0.05	(0.02)	30.3	(0.7)	35.9	(0.8)	20.3	(0.6)	17.9	(0.5)									
Viet Nam	-0.28	(0.03)	16.5	(0.7)	17.4	(0.7)	21.2	(0.8)	24.4	(0.7)									
Argentina**	-0.10	(0.02)	30.6	(0.8)	25.9	(0.9)	16.6	(0.6)	19.2	(0.6)									
Kazakhstan**	0.46	(0.03)	40.4	(0.9)	38.1	(0.9)	33.8	(0.9)	31.4	(0.9)									
Malaysia**	-0.13	(0.02)	13.8	(0.5)	10.3	(0.5)	12.1	(0.5)	17.7	(0.6)									

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 2/2]


Table 1.3.4a Index of science self-efficacy

Percentage of students who reported they could do this "easily"

	Percentage of students who reported that they could easily perform the following tasks:								
	Predict how changes to an environment will affect the survival of certain species		Interpret the scientific information provided on the labelling of food items		Discuss how new evidence can lead you to change your understanding about the possibility of life on Mars		Identify the better of two explanations for the formation of acid rain		
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
OECD	Australia	31.7	(0.5)	17.1	(0.4)	16.8	(0.4)	13.3	(0.5)
	Austria	20.7	(0.6)	14.7	(0.6)	15.0	(0.6)	17.6	(0.7)
	Belgium	22.6	(0.6)	21.2	(0.5)	18.2	(0.5)	17.3	(0.5)
	Canada	35.6	(0.6)	25.1	(0.6)	22.0	(0.5)	22.5	(0.5)
	Chile	19.4	(0.6)	17.9	(0.6)	15.0	(0.5)	15.7	(0.5)
	Czech Republic	20.9	(0.5)	21.1	(0.6)	19.1	(0.6)	13.7	(0.6)
	Denmark	26.7	(0.8)	26.2	(0.8)	21.0	(0.6)	15.1	(0.6)
	Estonia	16.5	(0.6)	19.7	(0.5)	14.1	(0.6)	14.6	(0.6)
	Finland	15.3	(0.6)	19.9	(0.6)	17.6	(0.6)	11.2	(0.5)
	France	19.6	(0.7)	20.3	(0.6)	19.7	(0.6)	12.3	(0.5)
	Germany	23.3	(0.8)	16.6	(0.6)	13.4	(0.6)	18.7	(0.8)
	Greece	23.9	(0.7)	17.9	(0.7)	17.4	(0.6)	22.7	(0.7)
	Hungary	17.1	(0.5)	18.1	(0.5)	15.1	(0.6)	19.3	(0.6)
	Iceland	29.8	(0.8)	27.0	(0.8)	23.2	(0.7)	21.2	(0.8)
	Ireland	25.2	(0.6)	20.3	(0.6)	13.9	(0.5)	29.8	(0.8)
	Israel	24.7	(0.6)	34.0	(0.7)	21.5	(0.6)	18.8	(0.7)
	Italy	25.6	(0.7)	25.8	(0.6)	18.7	(0.5)	19.7	(0.6)
	Japan	11.6	(0.4)	7.3	(0.4)	7.2	(0.4)	5.4	(0.3)
	Korea	17.7	(0.6)	9.6	(0.5)	12.0	(0.6)	11.3	(0.5)
	Latvia	19.5	(0.6)	18.5	(0.6)	16.3	(0.6)	16.7	(0.6)
	Luxembourg	24.7	(0.7)	18.9	(0.7)	16.9	(0.6)	16.1	(0.6)
	Mexico	26.7	(0.7)	18.0	(0.5)	17.7	(0.6)	21.3	(0.6)
	Netherlands	19.5	(0.6)	15.5	(0.6)	15.7	(0.6)	17.6	(0.6)
	New Zealand	27.0	(0.8)	15.2	(0.7)	13.9	(0.7)	14.6	(0.7)
	Norway	23.8	(0.7)	16.6	(0.7)	19.5	(0.6)	19.8	(0.7)
	Poland	20.7	(0.7)	30.3	(0.8)	16.6	(0.6)	20.9	(0.8)
	Portugal	31.3	(0.9)	26.5	(0.7)	19.8	(0.7)	24.2	(0.7)
	Slovak Republic	18.1	(0.5)	20.9	(0.5)	16.9	(0.6)	18.2	(0.5)
	Slovenia	17.1	(0.7)	18.3	(0.6)	15.3	(0.6)	24.4	(0.7)
	Spain	22.8	(0.6)	21.2	(0.7)	19.6	(0.5)	20.3	(0.6)
	Sweden	26.4	(1.1)	17.2	(0.6)	16.9	(0.6)	20.1	(0.8)
	Switzerland	20.3	(0.7)	14.2	(0.5)	15.2	(0.5)	13.7	(0.8)
	Turkey	27.2	(0.7)	25.2	(0.7)	21.9	(0.6)	29.4	(0.9)
United Kingdom	34.0	(0.8)	19.5	(0.5)	19.8	(0.4)	23.5	(0.8)	
United States	33.7	(0.7)	24.9	(0.7)	21.7	(0.6)	16.7	(0.7)	
OECD average	23.5	(0.1)	20.0	(0.1)	17.3	(0.1)	18.2	(0.1)	
Partners	Albania	30.2	(0.9)	26.2	(0.8)	16.8	(0.7)	29.0	(0.7)
	Algeria	24.9	(0.6)	24.8	(0.7)	17.4	(0.6)	17.7	(0.7)
	Brazil	26.6	(0.5)	23.0	(0.5)	19.0	(0.5)	20.9	(0.5)
	B-S-J-G (China)	15.1	(0.6)	22.7	(0.8)	9.8	(0.5)	19.7	(0.8)
	Bulgaria	27.6	(0.7)	26.8	(0.7)	22.9	(0.7)	23.1	(0.7)
	CABA (Argentina)	31.0	(1.8)	24.7	(1.6)	17.9	(1.1)	18.6	(1.6)
	Colombia	23.5	(0.5)	16.9	(0.4)	14.4	(0.5)	16.5	(0.4)
	Costa Rica	23.9	(0.6)	16.4	(0.6)	13.6	(0.6)	16.1	(0.6)
	Croatia	21.9	(0.6)	16.2	(0.5)	16.7	(0.5)	23.7	(0.8)
	Cyprus*	20.9	(0.6)	18.8	(0.5)	19.5	(0.6)	19.5	(0.6)
	Dominican Republic	35.9	(1.0)	31.9	(1.0)	26.8	(1.0)	30.5	(1.1)
	FYROM	28.8	(0.7)	22.8	(0.6)	22.3	(0.6)	22.5	(0.6)
	Georgia	34.2	(0.7)	24.7	(0.7)	20.9	(0.6)	22.2	(0.7)
	Hong Kong (China)	15.3	(0.6)	17.6	(0.4)	9.9	(0.5)	17.9	(0.5)
	Indonesia	10.7	(0.5)	10.1	(0.6)	6.9	(0.4)	7.2	(0.5)
	Jordan	34.9	(0.7)	35.8	(0.8)	29.5	(0.9)	38.3	(0.8)
	Kosovo	21.8	(0.8)	23.0	(0.8)	16.1	(0.7)	20.2	(0.7)
	Lebanon	31.3	(1.2)	31.4	(0.9)	22.4	(1.0)	26.7	(1.0)
	Lithuania	22.7	(0.6)	20.4	(0.5)	20.6	(0.6)	18.9	(0.5)
	Macao (China)	18.0	(0.6)	18.1	(0.6)	9.3	(0.5)	21.8	(0.6)
	Malta	33.3	(0.7)	26.5	(0.7)	17.6	(0.7)	25.2	(0.7)
	Moldova	25.9	(0.6)	21.8	(0.6)	15.1	(0.6)	19.3	(0.6)
	Montenegro	28.6	(0.7)	27.3	(0.7)	23.9	(0.6)	26.5	(0.7)
	Peru	29.3	(0.8)	22.5	(0.6)	18.5	(0.5)	19.9	(0.6)
	Qatar	32.6	(0.5)	25.4	(0.5)	21.9	(0.4)	29.6	(0.5)
	Romania	19.1	(0.7)	18.2	(0.7)	15.7	(0.7)	16.2	(0.8)
	Russia	19.0	(0.9)	24.4	(0.8)	16.3	(0.6)	17.0	(0.7)
	Singapore	27.7	(0.8)	16.5	(0.4)	13.4	(0.4)	30.7	(0.6)
	Chinese Taipei	21.6	(0.6)	18.0	(0.6)	14.1	(0.5)	21.8	(0.7)
	Thailand	16.0	(0.5)	15.9	(0.5)	12.6	(0.5)	15.0	(0.6)
	Trinidad and Tobago	36.9	(0.8)	23.7	(0.7)	17.6	(0.7)	22.7	(0.6)
	Tunisia	21.0	(0.8)	23.1	(0.7)	18.0	(0.7)	17.0	(0.6)
	United Arab Emirates	31.5	(0.7)	26.6	(0.5)	24.4	(0.3)	31.6	(0.6)
Uruguay	23.1	(0.6)	21.6	(0.7)	19.3	(0.6)	18.5	(0.6)	
Viet Nam	25.8	(0.9)	13.1	(0.6)	4.8	(0.3)	14.2	(0.7)	
Argentina**	25.6	(0.7)	21.3	(0.7)	16.7	(0.5)	18.1	(0.7)	
Kazakhstan**	35.8	(0.9)	34.4	(1.0)	24.1	(0.8)	28.6	(0.9)	
Malaysia**	16.0	(0.6)	12.4	(0.5)	7.8	(0.4)	12.3	(0.5)	

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/2]

Table 1.3.4b Index of self-efficacy and science performance, by national quarters of this index


Results based on students' self-reports

	Index of science self-efficacy												
	All students		Variability in this index		Bottom quarter		Second quarter		Third quarter		Top quarter		
	Mean index	S.E.	S.D.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	
OECD	Australia	0.07	(0.01)	1.27	(0.01)	-1.43	(0.03)	-0.24	(0.02)	0.35	(0.01)	1.59	(0.03)
	Austria	-0.17	(0.02)	1.28	(0.02)	-1.69	(0.04)	-0.47	(0.02)	0.14	(0.02)	1.33	(0.05)
	Belgium	-0.10	(0.02)	1.28	(0.02)	-1.63	(0.04)	-0.40	(0.02)	0.22	(0.01)	1.40	(0.03)
	Canada	0.35	(0.02)	1.29	(0.01)	-1.10	(0.03)	-0.01	(0.02)	0.51	(0.01)	2.02	(0.03)
	Chile	-0.10	(0.02)	1.16	(0.02)	-1.42	(0.03)	-0.46	(0.02)	0.15	(0.02)	1.32	(0.04)
	Czech Republic	0.10	(0.02)	1.14	(0.02)	-1.18	(0.03)	-0.25	(0.02)	0.32	(0.01)	1.51	(0.03)
	Denmark	0.08	(0.02)	1.24	(0.02)	-1.37	(0.04)	-0.26	(0.02)	0.34	(0.02)	1.61	(0.03)
	Estonia	-0.04	(0.02)	1.11	(0.02)	-1.29	(0.03)	-0.37	(0.02)	0.18	(0.02)	1.33	(0.04)
	Finland	-0.04	(0.02)	1.18	(0.02)	-1.42	(0.03)	-0.35	(0.02)	0.23	(0.02)	1.37	(0.04)
	France	-0.13	(0.02)	1.26	(0.02)	-1.63	(0.04)	-0.44	(0.02)	0.19	(0.02)	1.34	(0.04)
	Germany	-0.01	(0.02)	1.19	(0.02)	-1.43	(0.05)	-0.30	(0.02)	0.28	(0.02)	1.39	(0.04)
	Greece	-0.04	(0.02)	1.26	(0.02)	-1.49	(0.03)	-0.39	(0.02)	0.21	(0.02)	1.51	(0.05)
	Hungary	-0.05	(0.02)	1.23	(0.02)	-1.44	(0.03)	-0.38	(0.02)	0.19	(0.01)	1.42	(0.04)
	Iceland	0.24	(0.03)	1.52	(0.03)	-1.59	(0.05)	-0.06	(0.03)	0.49	(0.02)	2.13	(0.05)
	Ireland	0.06	(0.02)	1.20	(0.02)	-1.38	(0.04)	-0.24	(0.02)	0.36	(0.02)	1.50	(0.02)
	Israel	0.04	(0.02)	1.35	(0.02)	-1.54	(0.04)	-0.31	(0.02)	0.31	(0.02)	1.72	(0.04)
	Italy	0.13	(0.02)	1.16	(0.02)	-1.17	(0.03)	-0.22	(0.02)	0.32	(0.01)	1.59	(0.03)
	Japan	-0.46	(0.02)	1.22	(0.02)	-1.96	(0.04)	-0.65	(0.02)	-0.06	(0.02)	0.83	(0.03)
	Korea	-0.02	(0.03)	1.23	(0.02)	-1.46	(0.04)	-0.25	(0.02)	0.30	(0.01)	1.35	(0.05)
	Latvia	-0.01	(0.02)	1.01	(0.02)	-1.13	(0.03)	-0.31	(0.02)	0.19	(0.02)	1.23	(0.03)
	Luxembourg	-0.03	(0.02)	1.32	(0.02)	-1.55	(0.03)	-0.36	(0.02)	0.24	(0.01)	1.57	(0.04)
	Mexico	0.27	(0.02)	1.09	(0.01)	-0.98	(0.02)	-0.06	(0.02)	0.44	(0.01)	1.66	(0.04)
	Netherlands	-0.08	(0.02)	1.27	(0.02)	-1.64	(0.04)	-0.33	(0.02)	0.29	(0.01)	1.37	(0.04)
	New Zealand	-0.03	(0.02)	1.22	(0.02)	-1.46	(0.04)	-0.33	(0.02)	0.27	(0.02)	1.40	(0.04)
	Norway	0.19	(0.02)	1.27	(0.02)	-1.30	(0.05)	0.01	(0.02)	0.39	(0.01)	1.66	(0.04)
	Poland	0.16	(0.02)	1.11	(0.02)	-1.08	(0.04)	-0.17	(0.02)	0.35	(0.02)	1.55	(0.04)
	Portugal	0.27	(0.02)	1.25	(0.02)	-1.19	(0.03)	-0.05	(0.02)	0.48	(0.02)	1.85	(0.03)
	Slovak Republic	-0.06	(0.02)	1.30	(0.02)	-1.58	(0.04)	-0.36	(0.02)	0.21	(0.01)	1.48	(0.04)
	Slovenia	0.07	(0.02)	1.10	(0.02)	-1.17	(0.03)	-0.25	(0.02)	0.28	(0.02)	1.43	(0.04)
	Spain	-0.14	(0.02)	1.30	(0.02)	-1.73	(0.04)	-0.46	(0.02)	0.22	(0.02)	1.40	(0.03)
	Sweden	0.05	(0.02)	1.29	(0.02)	-1.47	(0.04)	-0.26	(0.03)	0.33	(0.01)	1.62	(0.05)
	Switzerland	-0.17	(0.02)	1.22	(0.03)	-1.60	(0.04)	-0.46	(0.02)	0.13	(0.02)	1.25	(0.05)
Turkey	0.35	(0.02)	1.32	(0.02)	-1.16	(0.04)	0.03	(0.02)	0.48	(0.02)	2.04	(0.05)	
United Kingdom	0.27	(0.02)	1.22	(0.02)	-1.14	(0.03)	-0.06	(0.02)	0.50	(0.02)	1.79	(0.03)	
United States	0.26	(0.02)	1.29	(0.02)	-1.21	(0.03)	-0.10	(0.02)	0.44	(0.02)	1.92	(0.05)	
OECD average	0.04	(0.00)	1.23	(0.00)	-1.40	(0.01)	-0.27	(0.00)	0.29	(0.00)	1.53	(0.01)	
Partners	Albania	0.02	(0.02)	1.11	(0.02)	-1.27	(0.03)	-0.35	(0.02)	0.28	(0.03)	1.43	(0.04)
	Algeria	-0.16	(0.02)	1.07	(0.02)	-1.37	(0.04)	-0.47	(0.02)	0.05	(0.02)	1.15	(0.04)
	Brazil	0.17	(0.02)	1.36	(0.02)	-1.41	(0.04)	-0.19	(0.02)	0.41	(0.01)	1.88	(0.03)
	B-S-J-G (China)	-0.01	(0.02)	1.15	(0.02)	-1.32	(0.04)	-0.32	(0.02)	0.25	(0.01)	1.35	(0.04)
	Bulgaria	0.39	(0.02)	1.28	(0.02)	-1.00	(0.03)	0.03	(0.02)	0.45	(0.02)	2.09	(0.04)
	CABA (Argentina)	-0.04	(0.05)	1.09	(0.03)	-1.33	(0.06)	-0.38	(0.04)	0.24	(0.04)	1.31	(0.07)
	Colombia	-0.05	(0.02)	1.17	(0.01)	-1.39	(0.03)	-0.40	(0.02)	0.20	(0.01)	1.40	(0.03)
	Costa Rica	-0.12	(0.02)	1.25	(0.02)	-1.53	(0.03)	-0.50	(0.02)	0.13	(0.02)	1.42	(0.04)
	Croatia	0.10	(0.02)	1.24	(0.02)	-1.33	(0.03)	-0.22	(0.02)	0.32	(0.01)	1.61	(0.04)
	Cyprus*	-0.05	(0.02)	1.35	(0.02)	-1.59	(0.03)	-0.40	(0.02)	0.20	(0.01)	1.61	(0.04)
	Dominican Republic	0.54	(0.04)	1.37	(0.03)	-1.02	(0.06)	0.12	(0.02)	0.72	(0.04)	2.36	(0.06)
	FYROM	-0.06	(0.02)	1.29	(0.02)	-1.59	(0.04)	-0.43	(0.02)	0.23	(0.02)	1.55	(0.03)
	Georgia	0.27	(0.02)	1.15	(0.02)	-1.06	(0.03)	-0.11	(0.02)	0.51	(0.02)	1.73	(0.03)
	Hong Kong (China)	-0.07	(0.02)	1.23	(0.02)	-1.51	(0.04)	-0.29	(0.02)	0.27	(0.01)	1.26	(0.04)
	Indonesia	-0.51	(0.02)	1.02	(0.02)	-1.71	(0.03)	-0.83	(0.02)	-0.21	(0.03)	0.73	(0.03)
	Jordan	0.56	(0.03)	1.25	(0.02)	-0.85	(0.03)	0.10	(0.02)	0.80	(0.03)	2.20	(0.05)
	Kosovo	-0.29	(0.02)	1.25	(0.02)	-1.75	(0.03)	-0.69	(0.02)	-0.02	(0.02)	1.30	(0.04)
	Lebanon	0.17	(0.03)	1.03	(0.03)	-0.97	(0.03)	-0.21	(0.02)	0.33	(0.03)	1.52	(0.06)
	Lithuania	0.26	(0.02)	1.16	(0.02)	-1.03	(0.03)	-0.08	(0.02)	0.41	(0.01)	1.73	(0.03)
	Macao (China)	-0.03	(0.02)	1.12	(0.02)	-1.35	(0.03)	-0.30	(0.01)	0.23	(0.01)	1.28	(0.03)
	Malta	-0.09	(0.02)	1.28	(0.02)	-1.63	(0.04)	-0.41	(0.02)	0.23	(0.02)	1.47	(0.03)
	Moldova	0.09	(0.02)	1.00	(0.02)	-1.07	(0.02)	-0.25	(0.01)	0.31	(0.02)	1.36	(0.03)
	Montenegro	0.31	(0.02)	1.43	(0.02)	-1.30	(0.03)	-0.14	(0.02)	0.47	(0.02)	2.20	(0.05)
	Peru	0.34	(0.02)	1.01	(0.02)	-0.81	(0.02)	0.05	(0.02)	0.50	(0.01)	1.63	(0.03)
	Qatar	0.36	(0.02)	1.35	(0.01)	-1.18	(0.03)	0.01	(0.01)	0.53	(0.01)	2.09	(0.03)
	Romania	-0.20	(0.02)	0.99	(0.02)	-1.34	(0.04)	-0.46	(0.02)	0.02	(0.02)	0.99	(0.03)
	Russia	0.02	(0.03)	1.32	(0.02)	-1.46	(0.03)	-0.42	(0.02)	0.24	(0.02)	1.71	(0.06)
	Singapore	0.11	(0.01)	1.14	(0.02)	-1.21	(0.03)	-0.19	(0.02)	0.33	(0.01)	1.50	(0.03)
	Chinese Taipei	0.19	(0.02)	1.18	(0.02)	-1.21	(0.03)	-0.03	(0.02)	0.41	(0.01)	1.59	(0.04)
	Thailand	0.17	(0.02)	1.05	(0.02)	-0.98	(0.03)	-0.05	(0.02)	0.32	(0.00)	1.40	(0.04)
	Trinidad and Tobago	0.11	(0.02)	1.17	(0.02)	-1.23	(0.03)	-0.24	(0.02)	0.36	(0.02)	1.56	(0.04)
	Tunisia	-0.07	(0.02)	1.16	(0.02)	-1.33	(0.03)	-0.46	(0.02)	0.12	(0.02)	1.37	(0.05)
	United Arab Emirates	0.41	(0.02)	1.31	(0.02)	-1.08	(0.03)	0.04	(0.01)	0.58	(0.01)	2.08	(0.03)
Uruguay	0.05	(0.02)	1.30	(0.02)	-1.45	(0.03)	-0.31	(0.02)	0.31	(0.02)	1.65	(0.04)	
Viet Nam	-0.28	(0.03)	0.91	(0.01)	-1.37	(0.03)	-0.57	(0.02)	-0.03	(0.03)	0.86	(0.03)	
Argentina**	-0.10	(0.02)	1.16	(0.02)	-1.46	(0.04)	-0.42	(0.02)	0.18	(0.02)	1.31	(0.04)	
Kazakhstan**	0.46	(0.03)	1.24	(0.02)	-0.98	(0.03)	0.02	(0.03)	0.72	(0.03)	2.07	(0.05)	
Malaysia**	-0.13	(0.02)	1.07	(0.02)	-1.40	(0.04)	-0.37	(0.02)	0.21	(0.01)	1.05	(0.03)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

StatLink  <http://dx.doi.org/10.1787/888933433183>

[Part 2/2]

Table 1.3.4b Index of self-efficacy and science performance, by national quarters of this index*Results based on students' self-reports*

		Performance in science, by national quarters of this index								Difference in science performance between students in the top quarter and students in the bottom quarter of this index		Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national science performance distribution		Explained variance in student performance in science (r-squared x 100)	
		Bottom quarter		Second quarter		Third quarter		Top quarter									
		Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.								
		Score dif.	S.E.	Score dif.	S.E.	Relative risk	S.E.	%	S.E.								
OECD	Australia	464 (2.3)	519 (2.4)	513 (2.6)	569 (2.5)	105 (3.1)	27 (0.9)	2.2 (0.1)	11.4 (0.7)								
	Austria	466 (3.4)	500 (3.0)	503 (4.0)	545 (4.5)	79 (5.6)	20 (1.5)	1.7 (0.1)	7.2 (1.1)								
	Belgium	477 (2.8)	517 (2.6)	521 (3.2)	555 (3.5)	78 (3.8)	20 (1.0)	1.7 (0.1)	7.0 (0.7)								
	Canada	495 (2.6)	530 (2.2)	537 (3.5)	569 (2.8)	74 (3.3)	19 (1.0)	1.8 (0.1)	7.6 (0.7)								
	Chile	436 (3.1)	453 (3.2)	448 (3.8)	475 (4.0)	40 (4.0)	9 (1.2)	1.2 (0.1)	1.4 (0.4)								
	Czech Republic	470 (3.1)	494 (3.5)	506 (3.2)	531 (3.6)	61 (4.3)	16 (1.5)	1.5 (0.1)	3.9 (0.6)								
	Denmark	472 (2.6)	504 (3.5)	515 (3.0)	551 (3.7)	79 (4.0)	22 (1.3)	1.9 (0.1)	9.7 (1.1)								
	Estonia	508 (3.0)	537 (3.5)	534 (3.3)	567 (4.0)	59 (4.5)	16 (1.5)	1.6 (0.1)	4.1 (0.7)								
	Finland	492 (3.2)	535 (3.3)	544 (3.4)	576 (3.6)	84 (4.3)	23 (1.4)	2.0 (0.1)	8.2 (0.9)								
	France	465 (2.8)	505 (2.6)	515 (3.5)	547 (3.4)	82 (4.2)	21 (1.2)	1.7 (0.1)	7.3 (0.8)								
	Germany	485 (4.6)	520 (3.9)	532 (5.2)	569 (5.3)	84 (5.9)	24 (1.6)	1.9 (0.1)	8.6 (1.1)								
	Greece	433 (3.6)	456 (4.1)	466 (4.8)	489 (5.1)	56 (4.8)	14 (1.4)	1.4 (0.1)	4.0 (0.7)								
	Hungary	466 (3.7)	487 (4.3)	485 (3.7)	495 (4.3)	29 (5.5)	5 (1.5)	1.2 (0.1)	0.5 (0.3)								
	Iceland	444 (3.3)	475 (3.7)	483 (4.1)	515 (3.5)	71 (4.7)	15 (1.1)	1.7 (0.1)	6.9 (0.9)								
	Ireland	459 (3.2)	499 (3.3)	515 (3.2)	548 (3.2)	89 (3.6)	27 (1.0)	2.3 (0.1)	13.8 (1.0)								
	Israel	458 (4.3)	472 (4.1)	477 (3.9)	494 (4.5)	36 (4.5)	8 (1.2)	1.1 (0.1)	1.1 (0.3)								
	Italy	463 (3.0)	485 (3.7)	485 (3.9)	506 (3.7)	43 (3.9)	11 (1.3)	1.3 (0.1)	2.0 (0.4)								
	Japan	503 (3.8)	550 (3.3)	560 (3.6)	552 (4.8)	49 (4.8)	17 (1.3)	1.8 (0.1)	5.0 (0.7)								
	Korea	474 (4.4)	535 (3.1)	496 (4.3)	562 (3.9)	88 (4.3)	21 (1.2)	2.0 (0.1)	7.1 (0.8)								
	Latvia	471 (2.8)	485 (3.2)	494 (2.8)	520 (3.1)	49 (3.9)	16 (1.3)	1.4 (0.1)	3.9 (0.6)								
	Luxembourg	457 (2.6)	485 (2.8)	494 (3.2)	537 (3.4)	80 (4.5)	19 (1.3)	1.5 (0.1)	6.2 (0.8)								
	Mexico	414 (2.5)	418 (2.9)	417 (3.1)	431 (3.2)	17 (3.3)	5 (1.2)	1.1 (0.1)	0.7 (0.3)								
	Netherlands	481 (3.1)	523 (3.2)	517 (3.7)	545 (4.3)	64 (5.0)	17 (1.5)	1.5 (0.1)	4.8 (0.9)								
	New Zealand	477 (3.9)	518 (3.9)	521 (4.4)	576 (3.5)	100 (4.9)	27 (1.6)	1.9 (0.1)	10.7 (1.2)								
	Norway	459 (3.3)	506 (3.1)	504 (4.0)	554 (3.9)	95 (4.7)	22 (1.4)	2.2 (0.1)	9.2 (1.0)								
	Poland	472 (3.3)	496 (3.7)	503 (3.9)	542 (4.2)	69 (4.6)	21 (1.6)	1.6 (0.1)	6.6 (1.0)								
	Portugal	466 (3.0)	507 (3.4)	498 (4.6)	544 (3.5)	78 (3.9)	19 (1.2)	1.7 (0.1)	6.5 (0.7)								
	Slovak Republic	449 (2.8)	467 (3.3)	474 (3.6)	491 (3.8)	41 (3.9)	9 (1.0)	1.3 (0.1)	1.6 (0.3)								
	Slovenia	482 (2.7)	511 (2.8)	522 (3.5)	558 (3.2)	76 (4.5)	22 (1.4)	1.7 (0.1)	6.5 (0.8)								
	Spain	461 (2.3)	491 (3.1)	501 (3.0)	537 (3.1)	76 (3.5)	19 (1.2)	1.8 (0.1)	8.4 (0.9)								
	Sweden	458 (3.5)	509 (4.4)	498 (4.5)	556 (4.5)	98 (4.2)	21 (1.4)	2.0 (0.1)	7.6 (0.9)								
	Switzerland	476 (3.3)	509 (3.9)	513 (4.9)	550 (4.7)	74 (4.6)	18 (1.5)	1.5 (0.1)	5.3 (0.8)								
	Turkey	413 (3.8)	426 (4.8)	433 (4.5)	441 (5.1)	28 (4.3)	7 (1.2)	1.3 (0.1)	1.5 (0.4)								
	United Kingdom	470 (3.4)	515 (3.2)	521 (3.4)	561 (3.8)	91 (4.3)	26 (1.3)	2.0 (0.1)	10.5 (1.1)								
	United States	471 (3.2)	505 (3.6)	495 (4.1)	536 (4.8)	65 (5.1)	17 (1.4)	1.5 (0.1)	4.9 (0.8)								
	OECD average	466 (0.5)	498 (0.6)	501 (0.6)	534 (0.7)	68 (0.7)	18 (0.2)	1.7 (0.0)	6.0 (0.1)								
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
	Algeria	376 (3.3)	378 (3.3)	377 (3.8)	379 (3.7)	3 (3.8)	1 (1.3)	1.0 (0.1)	0.0 (0.1)								
	Brazil	397 (3.0)	415 (3.0)	421 (4.9)	438 (4.7)	41 (4.4)	9 (1.2)	1.2 (0.1)	1.9 (0.5)								
	B-5-J-G (China)	485 (4.9)	520 (4.6)	515 (6.3)	555 (6.3)	70 (6.2)	19 (1.9)	1.6 (0.1)	4.6 (0.8)								
	Bulgaria	437 (4.3)	466 (5.4)	465 (4.8)	474 (5.5)	38 (4.9)	7 (1.2)	1.4 (0.1)	0.7 (0.3)								
	CABA (Argentina)	447 (6.6)	471 (7.9)	484 (7.8)	509 (8.7)	62 (8.1)	20 (2.7)	1.8 (0.2)	6.4 (1.7)								
	Colombia	415 (2.9)	423 (3.0)	417 (3.2)	426 (3.4)	11 (3.4)	2 (1.0)	1.0 (0.1)	0.1 (0.1)								
	Costa Rica	413 (2.4)	432 (3.1)	424 (3.1)	430 (3.2)	17 (3.3)	2 (0.9)	1.1 (0.1)	0.2 (0.1)								
	Croatia	447 (3.1)	478 (4.0)	480 (3.8)	512 (3.3)	64 (3.5)	15 (1.2)	1.7 (0.1)	4.4 (0.6)								
	Cyprus*	425 (2.6)	431 (3.0)	441 (3.0)	464 (3.0)	39 (3.5)	7 (1.0)	1.0 (0.1)	1.2 (0.3)								
	Dominican Republic	341 (4.6)	347 (3.7)	355 (4.2)	336 (4.0)	-5 (5.5)	-2 (1.2)	1.1 (0.1)	0.1 (0.2)								
	FYROM	367 (2.8)	384 (2.6)	398 (2.8)	405 (3.2)	38 (4.2)	10 (1.3)	1.3 (0.1)	2.2 (0.6)								
	Georgia	389 (3.5)	408 (3.5)	419 (3.3)	443 (3.4)	54 (4.1)	17 (1.2)	1.5 (0.1)	5.0 (0.7)								
	Hong Kong (China)	501 (3.0)	535 (3.9)	512 (4.4)	549 (3.2)	48 (3.6)	11 (1.2)	1.5 (0.1)	2.7 (0.6)								
	Indonesia	395 (3.0)	408 (3.1)	411 (3.5)	403 (3.6)	8 (4.1)	3 (1.5)	1.1 (0.1)	0.2 (0.2)								
	Jordan	392 (3.7)	405 (3.3)	429 (3.4)	425 (3.7)	33 (4.1)	9 (1.2)	1.5 (0.1)	1.8 (0.5)								
	Kosovo	373 (2.6)	388 (2.8)	383 (3.1)	380 (2.8)	6 (3.6)	1 (1.1)	1.1 (0.1)	0.0 (0.0)								
	Lebanon	371 (4.2)	371 (4.1)	389 (6.1)	423 (5.0)	52 (5.6)	18 (2.3)	1.2 (0.1)	4.0 (0.9)								
	Lithuania	453 (3.0)	476 (3.6)	479 (3.4)	511 (4.1)	59 (4.5)	16 (1.4)	1.6 (0.1)	4.2 (0.7)								
	Macao (China)	499 (2.5)	529 (2.6)	530 (2.7)	556 (2.4)	57 (3.7)	17 (1.2)	1.7 (0.1)	5.6 (0.8)								
	Malta	414 (3.4)	457 (4.2)	480 (3.5)	532 (4.1)	117 (5.9)	34 (1.5)	2.0 (0.1)	14.7 (1.3)								
	Moldova	405 (2.9)	431 (3.0)	443 (2.7)	450 (3.7)	45 (4.3)	16 (1.5)	1.5 (0.1)	3.9 (0.7)								
	Montenegro	404 (2.5)	423 (2.9)	424 (2.6)	439 (3.0)	35 (3.8)	7 (1.0)	1.3 (0.1)	1.6 (0.4)								
	Peru	404 (2.8)	404 (3.0)	412 (3.6)	422 (3.4)	18 (3.2)	5 (1.3)	1.0 (0.1)	0.4 (0.2)								
	Qatar	398 (2.0)	428 (2.3)	443 (2.6)	460 (2.5)	62 (3.3)	14 (0.8)	1.6 (0.1)	3.7 (0.4)								
	Romania	420 (4.2)	440 (3.7)	443 (4.3)	439 (4.9)	19 (5.1)	6 (1.9)	1.3 (0.1)	0.6 (0.3)								
	Russia	470 (3.2)	495 (4.0)	491 (3.6)	509 (3.8)	39 (3.7)	8 (1.0)	1.4 (0.1)	1.9 (0.4)								
	Singapore	514 (2.4)	562 (2.8)	546 (3.1)	607 (3.0)	94 (3.8)	28 (1.2)	1.8 (0.1)	9.4 (0.8)								
	Chinese Taipei	490 (3.9)	540 (3.3)	522 (4.1)	579 (3.7)	89 (5.0)	26 (1.5)	1.9 (0.1)	9.2 (0.9)								
	Thailand	418 (3.2)	428 (3.5)	422 (3.3)	424 (4.5)	7 (4.1)	1 (1.4)	1.1 (0.1)	0.0 (0.1)								
	Trinidad and Tobago	410 (3.3)	420 (3.6)	441 (3.9)	458 (3.3)	48 (5.1)	14 (1.5)	1.2 (0.1)	3.2 (0.7)								
	Tunisia	387 (2.6)	393 (3.5)	394 (3.1)	398 (3.6)	11 (3.8)	4 (1.1)	1.0 (0.1)	0.4 (0.2)								
	United Arab Emirates	410 (3.2)	436 (2.8)	459 (3.7)	468 (3.0)	59 (3.1)	13 (0.8)	1.6 (0.1)	3.2 (0.4)								
	Uruguay	433 (3.2)	447 (3.7)	452 (3.9)	465 (4.2)	32 (4.8)	8 (1.2)	1.2 (0.1)	1.3 (0.4)								
	Viet Nam	497 (4.7)	522 (4.5)	530 (4.5)	550 (5.4)	53 (5.1)	21 (2.1)	1.8 (0.1)	6.2 (1.1)								
	Argentina**	415 (3.8)	433 (3.5)	438 (3.9)	451 (4.1)	37 (4.4)	10 (1.2)	1.4 (0.1)	2.3 (0.5)								
	Kazakhstan**	441 (4.2)	457 (4.4)	466 (4.2)	463 (5.3)	22 (5.0)	6 (1.5)	1.4 (0.1)	1.0 (0.5)								
	Malaysia**	430 (3.3)	447 (3.6)	443 (3.0)	457 (4.6)	27 (4.1)	10 (1.3)	1.3 (0.1)	2.0 (0.5)								

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

StatLink <http://dx.doi.org/10.1787/888933433183>



[Part 1/2]


Table 1.3.5a Index of science activities

Percentage of students who reported doing these things "very often" or "regularly"

	Index of science activities		Percentage of students who do these things:																	
			Watch TV programmes about <broad science>		Borrow or buy books on <broad science> topics		Visit web sites about <broad science> topics		Read <broad science> magazines or science articles in newspapers											
			Mean index	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.								
OECD																				
Australia	-0.30	(0.02)	16.6	(0.4)	7.4	(0.3)	18.8	(0.5)	9.3	(0.3)										
Austria	-0.14	(0.02)	18.0	(0.7)	8.1	(0.5)	14.9	(0.6)	14.4	(0.6)										
Belgium	-0.13	(0.02)	29.2	(0.7)	10.8	(0.5)	16.5	(0.5)	16.3	(0.5)										
Canada	-0.02	(0.01)	22.1	(0.4)	12.1	(0.4)	21.1	(0.5)	15.2	(0.4)										
Chile	0.17	(0.02)	33.6	(0.7)	13.5	(0.5)	27.3	(0.7)	17.1	(0.6)										
Czech Republic	-0.08	(0.02)	17.4	(0.6)	8.9	(0.5)	12.1	(0.5)	13.1	(0.5)										
Denmark	-0.13	(0.02)	21.8	(0.6)	6.2	(0.3)	19.5	(0.6)	14.6	(0.6)										
Estonia	0.29	(0.02)	30.3	(0.7)	11.5	(0.5)	25.4	(0.6)	24.4	(0.6)										
Finland	-0.50	(0.02)	12.1	(0.5)	4.6	(0.3)	7.1	(0.4)	9.9	(0.4)										
France	-0.11	(0.02)	20.8	(0.6)	10.3	(0.5)	22.8	(0.7)	14.5	(0.6)										
Germany	-0.12	(0.02)	17.9	(0.7)	8.9	(0.5)	15.6	(0.7)	12.9	(0.7)										
Greece	0.19	(0.02)	27.2	(0.9)	17.6	(0.8)	26.3	(0.7)	21.8	(0.7)										
Hungary	0.27	(0.03)	30.5	(0.7)	15.9	(0.6)	21.9	(0.7)	18.6	(0.7)										
Iceland	-0.17	(0.02)	18.9	(0.7)	8.1	(0.5)	20.8	(0.7)	15.9	(0.6)										
Ireland	-0.37	(0.02)	16.8	(0.5)	6.3	(0.3)	14.4	(0.5)	8.5	(0.4)										
Israel	0.09	(0.04)	30.4	(1.0)	19.8	(0.9)	25.4	(0.8)	22.0	(0.8)										
Italy	0.27	(0.02)	28.9	(0.9)	13.9	(0.7)	27.7	(0.9)	18.8	(0.7)										
Japan	-0.57	(0.02)	10.9	(0.4)	5.4	(0.4)	10.1	(0.4)	7.1	(0.4)										
Korea	-0.28	(0.03)	7.6	(0.4)	9.0	(0.6)	6.6	(0.5)	10.3	(0.6)										
Latvia	0.22	(0.02)	23.7	(0.6)	11.2	(0.6)	19.1	(0.6)	18.4	(0.6)										
Luxembourg	0.07	(0.02)	23.5	(0.7)	13.0	(0.5)	21.3	(0.6)	17.6	(0.5)										
Mexico	0.53	(0.02)	39.6	(0.8)	22.3	(0.7)	32.9	(0.8)	29.2	(0.9)										
Netherlands	-0.43	(0.02)	25.9	(0.7)	6.2	(0.4)	11.4	(0.5)	11.1	(0.5)										
New Zealand	-0.20	(0.02)	17.5	(0.7)	9.4	(0.5)	17.9	(0.7)	9.7	(0.5)										
Norway	-0.04	(0.02)	21.9	(0.6)	8.3	(0.4)	21.0	(0.6)	14.7	(0.6)										
Poland	0.40	(0.02)	40.3	(0.8)	12.8	(0.6)	23.6	(0.8)	20.0	(0.7)										
Portugal	0.20	(0.02)	34.4	(0.6)	13.2	(0.6)	21.1	(0.6)	21.9	(0.6)										
Slovak Republic	0.14	(0.02)	24.3	(0.7)	15.0	(0.6)	19.3	(0.6)	18.6	(0.7)										
Slovenia	0.07	(0.02)	27.9	(0.7)	9.8	(0.4)	15.6	(0.6)	15.7	(0.6)										
Spain	-0.20	(0.02)	16.4	(0.5)	7.4	(0.4)	14.5	(0.5)	11.6	(0.5)										
Sweden	-0.25	(0.02)	14.2	(0.6)	6.1	(0.4)	13.2	(0.5)	11.5	(0.6)										
Switzerland	-0.12	(0.02)	16.8	(0.7)	8.4	(0.6)	14.4	(0.6)	15.4	(0.7)										
Turkey	0.68	(0.02)	30.3	(1.0)	26.8	(1.0)	31.8	(0.8)	28.6	(0.9)										
United Kingdom	-0.15	(0.02)	17.7	(0.5)	10.9	(0.4)	20.5	(0.6)	10.0	(0.4)										
United States	-0.02	(0.02)	18.6	(0.7)	10.1	(0.6)	18.0	(0.7)	13.5	(0.7)										
OECD average	-0.02	(0.00)	23.0	(0.1)	11.1	(0.1)	19.1	(0.1)	15.8	(0.1)										
Partners																				
Albania	m	m	m	m	m	m	m	m	m	m										
Algeria	m	m	m	m	m	m	m	m	m	m										
Brazil	0.50	(0.02)	40.5	(0.7)	26.4	(0.7)	34.8	(0.7)	29.3	(0.7)										
B-S-J-G (China)	0.52	(0.02)	28.7	(0.7)	18.7	(0.6)	16.4	(0.7)	22.7	(0.7)										
Bulgaria	0.82	(0.02)	48.1	(0.8)	25.0	(0.9)	39.1	(0.8)	29.2	(0.9)										
CABA (Argentina)	m	m	m	m	m	m	m	m	m	m										
Colombia	0.64	(0.02)	52.5	(0.7)	26.1	(0.8)	34.4	(0.7)	30.3	(0.7)										
Costa Rica	0.31	(0.02)	44.1	(0.9)	17.7	(0.7)	25.9	(0.7)	25.2	(0.7)										
Croatia	0.03	(0.02)	26.9	(0.7)	9.9	(0.5)	17.0	(0.6)	15.3	(0.6)										
Cyprus*	0.46	(0.02)	37.9	(0.7)	24.2	(0.6)	31.4	(0.7)	26.0	(0.7)										
Dominican Republic	0.92	(0.03)	48.8	(1.0)	34.5	(1.1)	40.7	(1.2)	37.8	(1.2)										
FYROM	m	m	m	m	m	m	m	m	m	m										
Georgia	m	m	m	m	m	m	m	m	m	m										
Hong Kong (China)	0.28	(0.02)	21.3	(0.8)	13.8	(0.6)	15.3	(0.6)	14.7	(0.7)										
Indonesia	m	m	m	m	m	m	m	m	m	m										
Jordan	m	m	m	m	m	m	m	m	m	m										
Kosovo	m	m	m	m	m	m	m	m	m	m										
Lebanon	m	m	m	m	m	m	m	m	m	m										
Lithuania	0.37	(0.02)	30.5	(0.7)	17.7	(0.6)	31.0	(0.6)	25.9	(0.7)										
Macao (China)	0.17	(0.02)	19.2	(0.6)	9.7	(0.4)	14.3	(0.6)	12.7	(0.6)										
Malta	m	m	m	m	m	m	m	m	m	m										
Moldova	m	m	m	m	m	m	m	m	m	m										
Montenegro	0.86	(0.02)	52.2	(0.8)	31.2	(0.7)	38.5	(0.8)	37.8	(0.7)										
Peru	0.70	(0.02)	47.7	(0.8)	29.8	(0.8)	34.4	(0.8)	32.8	(0.8)										
Qatar	0.80	(0.01)	36.7	(0.5)	29.8	(0.4)	36.0	(0.5)	31.0	(0.4)										
Romania	m	m	m	m	m	m	m	m	m	m										
Russia	0.66	(0.02)	33.2	(0.6)	22.4	(0.7)	36.2	(0.8)	24.2	(0.6)										
Singapore	0.20	(0.01)	20.8	(0.5)	11.2	(0.4)	22.2	(0.5)	18.7	(0.5)										
Chinese Taipei	0.20	(0.01)	22.3	(0.5)	9.2	(0.4)	16.7	(0.5)	14.7	(0.5)										
Thailand	0.92	(0.02)	33.2	(0.7)	23.0	(0.8)	26.4	(0.7)	22.6	(0.7)										
Trinidad and Tobago	m	m	m	m	m	m	m	m	m	m										
Tunisia	1.20	(0.02)	52.9	(0.9)	40.0	(1.0)	47.7	(0.9)	42.3	(0.8)										
United Arab Emirates	0.88	(0.02)	39.9	(0.7)	30.6	(0.6)	39.2	(0.6)	34.3	(0.6)										
Uruguay	0.14	(0.02)	29.6	(0.7)	15.9	(0.6)	21.5	(0.6)	17.3	(0.6)										
Viet Nam	m	m	m	m	m	m	m	m	m	m										
Argentina**	m	m	m	m	m	m	m	m	m	m										
Kazakhstan**	m	m	m	m	m	m	m	m	m	m										
Malaysia**	0.88	(0.02)	33.2	(0.7)	24.4	(0.7)	29.3	(0.7)	33.5	(0.7)										

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 2/2]


Table 1.3.5a Index of science activities

Percentage of students who reported doing these things "very often" or "regularly"

	Percentage of students who do these things:									
	Attend a <science club>		Simulate natural phenomena in computer programs/virtual labs		Simulate technical processes in computer programs/virtual labs		Visit web sites of ecology organisations		Follow news of science, environmental, or ecology organisations via blogs and microblogging	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD										
Australia	3.5	(0.2)	5.7	(0.3)	5.9	(0.2)	7.2	(0.3)	12.9	(0.4)
Austria	6.1	(0.5)	8.4	(0.6)	9.1	(0.6)	11.2	(0.6)	17.5	(0.6)
Belgium	5.7	(0.4)	8.2	(0.4)	8.2	(0.4)	8.7	(0.4)	12.4	(0.4)
Canada	6.3	(0.3)	9.2	(0.3)	9.6	(0.3)	10.7	(0.4)	17.6	(0.5)
Chile	8.9	(0.5)	12.3	(0.6)	12.1	(0.5)	14.5	(0.6)	18.1	(0.6)
Czech Republic	7.5	(0.4)	7.3	(0.4)	7.9	(0.4)	8.2	(0.5)	7.8	(0.4)
Denmark	3.7	(0.3)	6.4	(0.4)	6.7	(0.4)	7.1	(0.4)	14.1	(0.6)
Estonia	11.2	(0.5)	10.7	(0.5)	10.7	(0.5)	11.9	(0.5)	12.1	(0.5)
Finland	2.8	(0.3)	3.6	(0.3)	3.9	(0.4)	4.8	(0.4)	4.7	(0.4)
France	5.0	(0.3)	7.9	(0.5)	7.7	(0.4)	8.6	(0.4)	13.1	(0.5)
Germany	5.8	(0.5)	7.9	(0.6)	8.0	(0.6)	11.1	(0.5)	16.6	(0.7)
Greece	13.8	(0.8)	15.3	(0.9)	15.4	(0.8)	21.0	(0.7)	21.3	(0.6)
Hungary	15.3	(0.6)	14.4	(0.7)	15.1	(0.7)	14.6	(0.7)	14.5	(0.6)
Iceland	4.0	(0.4)	5.4	(0.5)	6.1	(0.5)	7.9	(0.5)	16.3	(0.7)
Ireland	1.6	(0.2)	5.8	(0.3)	6.5	(0.4)	4.8	(0.3)	13.1	(0.5)
Israel	16.2	(0.6)	16.8	(0.7)	18.0	(0.7)	18.3	(0.8)	21.4	(0.8)
Italy	11.0	(0.6)	12.7	(0.6)	14.2	(0.7)	16.3	(0.7)	23.3	(0.8)
Japan	3.3	(0.3)	2.6	(0.2)	3.4	(0.3)	3.0	(0.2)	3.0	(0.2)
Korea	12.5	(0.7)	4.3	(0.3)	4.3	(0.3)	5.3	(0.3)	10.0	(0.5)
Latvia	8.8	(0.5)	10.6	(0.5)	11.4	(0.5)	12.6	(0.5)	13.7	(0.6)
Luxembourg	7.3	(0.4)	10.8	(0.5)	11.2	(0.5)	14.0	(0.5)	14.6	(0.6)
Mexico	12.6	(0.7)	17.5	(0.7)	17.9	(0.7)	22.5	(0.7)	24.3	(0.7)
Netherlands	4.4	(0.4)	5.8	(0.4)	6.8	(0.4)	6.1	(0.4)	11.1	(0.5)
New Zealand	4.7	(0.4)	6.1	(0.4)	6.6	(0.4)	8.1	(0.5)	12.7	(0.6)
Norway	8.0	(0.5)	9.2	(0.5)	9.5	(0.5)	12.0	(0.5)	14.4	(0.5)
Poland	14.8	(0.9)	11.2	(0.6)	11.4	(0.6)	14.5	(0.6)	16.7	(0.6)
Portugal	7.7	(0.4)	12.2	(0.5)	12.2	(0.5)	13.0	(0.5)	16.9	(0.5)
Slovak Republic	12.0	(0.6)	12.6	(0.6)	13.2	(0.7)	14.0	(0.6)	14.8	(0.6)
Slovenia	9.6	(0.5)	8.7	(0.5)	8.8	(0.5)	8.2	(0.4)	9.7	(0.4)
Spain	6.5	(0.4)	8.4	(0.4)	8.7	(0.4)	9.0	(0.5)	12.2	(0.5)
Sweden	4.6	(0.3)	6.2	(0.4)	7.1	(0.4)	7.7	(0.4)	11.2	(0.5)
Switzerland	7.9	(0.6)	8.3	(0.6)	8.5	(0.6)	10.7	(0.7)	14.8	(0.6)
Turkey	21.7	(0.8)	26.0	(0.9)	24.0	(0.8)	25.1	(0.8)	24.3	(0.7)
United Kingdom	8.1	(0.5)	5.6	(0.3)	5.6	(0.4)	6.3	(0.3)	13.0	(0.5)
United States	8.1	(0.6)	10.5	(0.7)	10.9	(0.7)	11.6	(0.6)	15.7	(0.7)
OECD average	8.3	(0.1)	9.6	(0.1)	9.9	(0.1)	11.2	(0.1)	14.6	(0.1)
Partners										
Albania	m	m	m	m	m	m	m	m	m	m
Algeria	m	m	m	m	m	m	m	m	m	m
Brazil	19.0	(0.7)	22.3	(0.7)	21.6	(0.7)	24.2	(0.6)	26.8	(0.6)
B-S-J-G (China)	9.9	(0.5)	12.3	(0.6)	12.2	(0.6)	12.9	(0.6)	25.9	(0.8)
Bulgaria	21.1	(0.9)	23.7	(0.9)	24.5	(0.9)	26.4	(1.0)	29.9	(0.7)
CABA (Argentina)	m	m	m	m	m	m	m	m	m	m
Colombia	18.6	(0.7)	21.7	(0.7)	21.6	(0.7)	26.6	(0.8)	31.0	(0.7)
Costa Rica	12.0	(0.6)	15.2	(0.6)	15.7	(0.6)	20.8	(0.7)	24.9	(0.7)
Croatia	7.3	(0.4)	9.9	(0.5)	9.7	(0.5)	10.9	(0.5)	10.6	(0.5)
Cyprus*	21.4	(0.6)	22.7	(0.6)	23.1	(0.6)	24.1	(0.6)	25.2	(0.7)
Dominican Republic	25.1	(1.0)	31.4	(1.1)	30.8	(1.1)	33.7	(1.2)	36.1	(1.1)
FYROM	m	m	m	m	m	m	m	m	m	m
Georgia	m	m	m	m	m	m	m	m	m	m
Hong Kong (China)	11.6	(0.7)	9.6	(0.7)	9.7	(0.7)	11.8	(0.7)	12.9	(0.6)
Indonesia	m	m	m	m	m	m	m	m	m	m
Jordan	m	m	m	m	m	m	m	m	m	m
Kosovo	m	m	m	m	m	m	m	m	m	m
Lebanon	m	m	m	m	m	m	m	m	m	m
Lithuania	13.3	(0.5)	16.7	(0.6)	15.5	(0.6)	15.6	(0.5)	17.5	(0.7)
Macao (China)	7.3	(0.4)	7.6	(0.4)	7.5	(0.4)	9.3	(0.4)	13.9	(0.6)
Malta	m	m	m	m	m	m	m	m	m	m
Moldova	m	m	m	m	m	m	m	m	m	m
Montenegro	21.6	(0.7)	25.1	(0.7)	25.3	(0.7)	28.6	(0.7)	31.3	(0.7)
Peru	15.4	(0.7)	21.2	(0.7)	21.0	(0.7)	25.9	(0.8)	28.7	(0.7)
Qatar	22.4	(0.4)	26.6	(0.5)	26.7	(0.4)	28.3	(0.4)	30.0	(0.5)
Romania	m	m	m	m	m	m	m	m	m	m
Russia	17.7	(0.7)	18.0	(0.7)	18.6	(0.7)	20.6	(0.7)	25.4	(0.9)
Singapore	7.0	(0.3)	9.1	(0.4)	9.1	(0.4)	11.3	(0.4)	18.1	(0.5)
Chinese Taipei	7.2	(0.3)	5.9	(0.3)	5.7	(0.3)	6.8	(0.3)	9.8	(0.3)
Thailand	27.3	(0.7)	21.1	(0.7)	20.4	(0.7)	24.3	(0.7)	22.8	(0.7)
Trinidad and Tobago	m	m	m	m	m	m	m	m	m	m
Tunisia	30.9	(0.9)	31.9	(1.0)	32.7	(1.0)	38.7	(1.0)	40.5	(1.0)
United Arab Emirates	24.7	(0.6)	28.8	(0.7)	29.2	(0.6)	29.2	(0.7)	34.1	(0.6)
Uruguay	11.8	(0.6)	13.0	(0.6)	12.6	(0.6)	15.5	(0.6)	20.3	(0.7)
Viet Nam	m	m	m	m	m	m	m	m	m	m
Argentina**	m	m	m	m	m	m	m	m	m	m
Kazakhstan**	m	m	m	m	m	m	m	m	m	m
Malaysia**	24.1	(0.8)	23.2	(0.8)	21.0	(0.7)	21.4	(0.7)	28.0	(0.7)

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/2]

Table 1.3.5b Index of science activities and science performance, by national quarters of this index

Results based on students' self-reports

	Index of science activities											
	All students		Variability in this index		Bottom quarter		Second quarter		Third quarter		Top quarter	
	Mean index	S.E.	S.D.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.
OECD												
Australia	-0.30	(0.02)	1.12	(0.01)	-1.75	(0.00)	-0.72	(0.03)	0.15	(0.02)	1.13	(0.02)
Austria	-0.14	(0.02)	1.14	(0.01)	-1.68	(0.02)	-0.47	(0.03)	0.31	(0.03)	1.30	(0.03)
Belgium	-0.13	(0.02)	1.11	(0.01)	-1.59	(0.02)	-0.49	(0.02)	0.28	(0.02)	1.27	(0.03)
Canada	-0.02	(0.01)	1.17	(0.01)	-1.61	(0.02)	-0.36	(0.02)	0.51	(0.02)	1.40	(0.02)
Chile	0.17	(0.02)	1.09	(0.01)	-1.29	(0.03)	-0.12	(0.02)	0.60	(0.02)	1.49	(0.02)
Czech Republic	-0.08	(0.02)	1.07	(0.01)	-1.44	(0.02)	-0.45	(0.03)	0.30	(0.02)	1.27	(0.03)
Denmark	-0.13	(0.02)	1.02	(0.01)	-1.48	(0.02)	-0.40	(0.03)	0.22	(0.02)	1.13	(0.02)
Estonia	0.29	(0.02)	0.97	(0.01)	-1.00	(0.03)	0.07	(0.02)	0.67	(0.02)	1.42	(0.02)
Finland	-0.50	(0.02)	1.04	(0.01)	-1.75	(0.00)	-0.94	(0.03)	-0.19	(0.02)	0.88	(0.03)
France	-0.11	(0.02)	1.12	(0.01)	-1.61	(0.03)	-0.44	(0.03)	0.32	(0.02)	1.27	(0.03)
Germany	-0.12	(0.02)	1.13	(0.02)	-1.64	(0.03)	-0.45	(0.03)	0.32	(0.03)	1.29	(0.03)
Greece	0.19	(0.02)	1.22	(0.01)	-1.50	(0.03)	-0.09	(0.03)	0.70	(0.03)	1.66	(0.03)
Hungary	0.27	(0.03)	1.17	(0.01)	-1.29	(0.03)	-0.05	(0.03)	0.77	(0.03)	1.66	(0.03)
Iceland	-0.17	(0.02)	1.11	(0.01)	-1.65	(0.03)	-0.49	(0.02)	0.24	(0.02)	1.20	(0.03)
Ireland	-0.37	(0.02)	1.07	(0.01)	-1.75	(0.00)	-0.79	(0.04)	0.05	(0.02)	1.02	(0.02)
Israel	0.09	(0.04)	1.33	(0.01)	-1.62	(0.04)	-0.42	(0.04)	0.63	(0.04)	1.79	(0.04)
Italy	0.27	(0.02)	1.08	(0.01)	-1.19	(0.04)	0.04	(0.03)	0.69	(0.03)	1.53	(0.03)
Japan	-0.57	(0.02)	1.01	(0.01)	-1.75	(0.00)	-1.04	(0.03)	-0.24	(0.03)	0.77	(0.03)
Korea	-0.28	(0.03)	1.18	(0.01)	-1.75	(0.00)	-0.85	(0.05)	0.28	(0.04)	1.20	(0.02)
Latvia	0.22	(0.02)	1.00	(0.01)	-1.10	(0.03)	-0.01	(0.02)	0.59	(0.02)	1.42	(0.02)
Luxembourg	0.07	(0.02)	1.16	(0.01)	-1.50	(0.02)	-0.23	(0.02)	0.54	(0.02)	1.46	(0.02)
Mexico	0.53	(0.02)	1.01	(0.01)	-0.84	(0.03)	0.35	(0.02)	0.93	(0.02)	1.67	(0.02)
Netherlands	-0.43	(0.02)	1.09	(0.01)	-1.75	(0.00)	-0.93	(0.04)	-0.05	(0.02)	1.02	(0.03)
New Zealand	-0.20	(0.02)	1.11	(0.01)	-1.68	(0.03)	-0.55	(0.03)	0.25	(0.03)	1.19	(0.03)
Norway	-0.04	(0.02)	1.15	(0.01)	-1.58	(0.02)	-0.38	(0.03)	0.44	(0.02)	1.36	(0.02)
Poland	0.40	(0.02)	0.93	(0.01)	-0.82	(0.03)	0.20	(0.02)	0.75	(0.02)	1.48	(0.03)
Portugal	0.20	(0.02)	1.12	(0.01)	-1.31	(0.03)	-0.07	(0.02)	0.66	(0.02)	1.52	(0.02)
Slovak Republic	0.14	(0.02)	1.18	(0.01)	-1.41	(0.02)	-0.22	(0.03)	0.62	(0.03)	1.59	(0.03)
Slovenia	0.07	(0.02)	1.05	(0.01)	-1.36	(0.02)	-0.20	(0.03)	0.50	(0.02)	1.32	(0.02)
Spain	-0.20	(0.02)	1.14	(0.01)	-1.75	(0.02)	-0.55	(0.04)	0.27	(0.02)	1.23	(0.02)
Sweden	-0.25	(0.02)	1.16	(0.01)	-1.75	(0.00)	-0.69	(0.05)	0.21	(0.03)	1.22	(0.03)
Switzerland	-0.12	(0.02)	1.12	(0.02)	-1.62	(0.03)	-0.43	(0.02)	0.29	(0.02)	1.28	(0.04)
Turkey	0.68	(0.02)	1.16	(0.01)	-0.92	(0.04)	0.61	(0.03)	1.10	(0.02)	1.95	(0.03)
United Kingdom	-0.15	(0.02)	1.05	(0.01)	-1.54	(0.02)	-0.45	(0.02)	0.24	(0.02)	1.15	(0.02)
United States	-0.02	(0.02)	1.19	(0.01)	-1.64	(0.02)	-0.37	(0.03)	0.54	(0.03)	1.41	(0.03)
OECD average	-0.02	(0.00)	1.11	(0.00)	-1.48	(0.00)	-0.35	(0.01)	0.41	(0.00)	1.34	(0.00)
Partners												
Albania	m	m	m	m	m	m	m	m	m	m	m	m
Algeria	m	m	m	m	m	m	m	m	m	m	m	m
Brazil	0.50	(0.02)	1.22	(0.01)	-1.18	(0.03)	0.25	(0.03)	1.01	(0.02)	1.91	(0.02)
B-S-J-G (China)	0.52	(0.02)	0.96	(0.02)	-0.77	(0.04)	0.38	(0.02)	0.91	(0.02)	1.55	(0.03)
Bulgaria	0.82	(0.02)	1.05	(0.02)	-0.51	(0.04)	0.61	(0.03)	1.10	(0.02)	2.07	(0.03)
CABA (Argentina)	m	m	m	m	m	m	m	m	m	m	m	m
Colombia	0.64	(0.02)	1.02	(0.01)	-0.71	(0.03)	0.41	(0.02)	1.03	(0.02)	1.84	(0.02)
Costa Rica	0.31	(0.02)	1.13	(0.01)	-1.20	(0.02)	0.02	(0.02)	0.74	(0.02)	1.68	(0.03)
Croatia	0.03	(0.02)	1.11	(0.01)	-1.44	(0.02)	-0.29	(0.03)	0.48	(0.03)	1.38	(0.03)
Cyprus*	0.46	(0.02)	1.27	(0.01)	-1.35	(0.03)	0.24	(0.03)	1.05	(0.01)	1.89	(0.02)
Dominican Republic	0.92	(0.03)	1.18	(0.02)	-0.61	(0.04)	0.69	(0.03)	1.26	(0.03)	2.35	(0.05)
FYROM	m	m	m	m	m	m	m	m	m	m	m	m
Georgia	m	m	m	m	m	m	m	m	m	m	m	m
Hong Kong (China)	0.28	(0.02)	1.10	(0.01)	-1.26	(0.03)	0.11	(0.03)	0.81	(0.02)	1.47	(0.03)
Indonesia	m	m	m	m	m	m	m	m	m	m	m	m
Jordan	m	m	m	m	m	m	m	m	m	m	m	m
Kosovo	m	m	m	m	m	m	m	m	m	m	m	m
Lebanon	m	m	m	m	m	m	m	m	m	m	m	m
Lithuania	0.37	(0.02)	1.08	(0.01)	-1.04	(0.03)	0.09	(0.02)	0.79	(0.02)	1.66	(0.03)
Macao (China)	0.17	(0.02)	1.00	(0.01)	-1.23	(0.03)	-0.01	(0.02)	0.61	(0.02)	1.30	(0.02)
Malta	m	m	m	m	m	m	m	m	m	m	m	m
Moldova	m	m	m	m	m	m	m	m	m	m	m	m
Montenegro	0.86	(0.02)	1.10	(0.01)	-0.52	(0.03)	0.62	(0.02)	1.16	(0.01)	2.20	(0.03)
Peru	0.70	(0.02)	0.95	(0.01)	-0.53	(0.03)	0.50	(0.02)	1.02	(0.02)	1.82	(0.03)
Qatar	0.80	(0.01)	1.16	(0.01)	-0.77	(0.02)	0.70	(0.01)	1.17	(0.01)	2.10	(0.02)
Romania	m	m	m	m	m	m	m	m	m	m	m	m
Russia	0.66	(0.02)	1.00	(0.02)	-0.64	(0.03)	0.50	(0.02)	1.00	(0.01)	1.79	(0.03)
Singapore	0.20	(0.01)	1.09	(0.01)	-1.34	(0.02)	0.00	(0.02)	0.73	(0.01)	1.40	(0.02)
Chinese Taipei	0.20	(0.01)	0.98	(0.01)	-1.14	(0.02)	0.03	(0.02)	0.64	(0.02)	1.28	(0.01)
Thailand	0.92	(0.02)	0.76	(0.01)	-0.04	(0.03)	0.90	(0.01)	1.11	(0.01)	1.73	(0.02)
Trinidad and Tobago	m	m	m	m	m	m	m	m	m	m	m	m
Tunisia	1.20	(0.02)	0.85	(0.01)	0.18	(0.03)	1.01	(0.02)	1.43	(0.02)	2.18	(0.03)
United Arab Emirates	0.88	(0.02)	1.07	(0.01)	-0.54	(0.03)	0.75	(0.02)	1.22	(0.02)	2.09	(0.02)
Uruguay	0.14	(0.02)	1.20	(0.01)	-1.49	(0.02)	-0.18	(0.03)	0.64	(0.03)	1.57	(0.03)
Viet Nam	m	m	m	m	m	m	m	m	m	m	m	m
Argentina**	m	m	m	m	m	m	m	m	m	m	m	m
Kazakhstan**	m	m	m	m	m	m	m	m	m	m	m	m
Malaysia**	0.88	(0.02)	0.88	(0.02)	-0.26	(0.03)	0.83	(0.01)	1.11	(0.01)	1.84	(0.03)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

StatLink <http://dx.doi.org/10.1787/888933433183>

[Part 2/2]

Table I.3.5b Index of science activities and science performance, by national quarters of this index


Results based on students' self-reports

	Performance in science, by national quarters of this index								Difference in science performance between students in the top quarter and students in the bottom quarter of this index	Change in the science score per unit of this index		Increased likelihood of students in the bottom quarter of this index scoring in the bottom quarter of the national science performance distribution		Explained variance in student performance in science (r-squared x 100)	
	Bottom quarter		Second quarter		Third quarter		Top quarter								
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.							
OECD	Australia	472 (2.4)	512 (2.6)	546 (2.4)	529 (3.2)	57 (3.5)	18 (1.2)	1.9 (0.1)	4.1 (0.5)						
Austria	471 (3.4)	508 (2.9)	530 (4.2)	492 (5.8)	21 (6.0)	7 (1.9)	1.6 (0.1)	0.7 (0.4)							
Belgium	485 (3.2)	524 (2.6)	547 (2.7)	501 (4.0)	17 (4.4)	6 (1.4)	1.5 (0.1)	0.4 (0.2)							
Canada	503 (2.5)	540 (2.2)	563 (2.9)	521 (3.3)	18 (3.4)	8 (1.0)	1.6 (0.1)	1.0 (0.2)							
Chile	440 (3.1)	471 (3.9)	469 (4.0)	426 (3.5)	-15 (4.0)	-4 (1.4)	1.0 (0.1)	0.3 (0.2)							
Czech Republic	485 (3.1)	511 (2.6)	527 (3.2)	477 (4.3)	-8 (4.5)	-2 (1.4)	1.1 (0.1)	0.1 (0.1)							
Denmark	481 (2.6)	516 (3.0)	530 (2.8)	512 (4.0)	32 (4.2)	10 (1.6)	1.6 (0.1)	1.4 (0.4)							
Estonia	527 (3.3)	552 (2.8)	556 (3.2)	511 (3.9)	-16 (4.3)	-4 (1.6)	1.1 (0.1)	0.2 (0.1)							
Finland	508 (3.2)	528 (3.1)	562 (2.9)	544 (4.4)	36 (5.2)	8 (1.9)	1.5 (0.1)	0.8 (0.4)							
France	464 (3.2)	512 (3.0)	539 (3.2)	506 (4.2)	41 (5.6)	14 (1.7)	1.8 (0.1)	2.4 (0.6)							
Germany	494 (4.3)	528 (5.3)	548 (4.2)	517 (6.6)	22 (6.3)	8 (2.1)	1.6 (0.1)	0.8 (0.4)							
Greece	445 (3.5)	480 (3.9)	476 (4.9)	440 (6.3)	-4 (5.7)	-1 (1.6)	1.2 (0.1)	0.0 (0.1)							
Hungary	477 (3.8)	517 (3.3)	490 (5.0)	448 (5.2)	-29 (6.5)	-11 (1.5)	0.9 (0.1)	1.8 (0.5)							
Iceland	447 (3.0)	478 (3.4)	500 (3.7)	486 (3.9)	39 (5.1)	12 (1.6)	1.6 (0.1)	2.2 (0.6)							
Ireland	460 (3.1)	499 (3.8)	519 (2.9)	539 (3.6)	78 (3.7)	26 (1.3)	2.2 (0.1)	9.8 (1.0)							
Israel	479 (4.6)	502 (3.9)	497 (5.3)	421 (5.7)	-58 (6.7)	-15 (1.8)	0.8 (0.1)	3.9 (0.9)							
Italy	469 (3.6)	504 (4.0)	500 (4.2)	463 (3.6)	-6 (4.8)	1 (1.8)	1.2 (0.1)	0.0 (0.1)							
Japan	510 (3.4)	531 (3.3)	565 (3.7)	558 (5.0)	48 (4.9)	15 (2.1)	1.6 (0.1)	2.6 (0.7)							
Korea	483 (3.7)	509 (4.5)	551 (4.1)	524 (4.7)	41 (5.1)	17 (1.6)	1.7 (0.1)	4.6 (0.8)							
Latvia	487 (3.2)	505 (2.8)	509 (3.4)	467 (2.9)	-20 (3.9)	-5 (1.3)	1.0 (0.1)	0.3 (0.2)							
Luxembourg	471 (2.5)	509 (2.6)	526 (2.9)	462 (3.6)	-10 (4.4)	0 (1.3)	1.2 (0.1)	0.0 (0.0)							
Mexico	419 (3.1)	436 (2.8)	422 (3.1)	404 (3.6)	-14 (4.2)	-4 (1.5)	0.9 (0.1)	0.3 (0.2)							
Netherlands	484 (2.9)	509 (3.9)	552 (3.5)	519 (5.0)	35 (5.0)	10 (1.7)	1.5 (0.1)	1.3 (0.4)							
New Zealand	480 (3.5)	528 (4.2)	550 (3.9)	526 (4.4)	46 (5.5)	15 (1.7)	1.8 (0.1)	2.5 (0.6)							
Norway	472 (3.4)	515 (3.4)	542 (3.3)	488 (3.6)	16 (4.2)	8 (1.4)	1.7 (0.1)	0.9 (0.3)							
Poland	496 (3.3)	512 (3.4)	509 (4.2)	495 (4.1)	-1 (5.0)	-2 (1.8)	1.0 (0.1)	0.0 (0.1)							
Portugal	481 (2.8)	513 (3.3)	526 (4.4)	494 (4.4)	13 (4.7)	5 (1.4)	1.3 (0.1)	0.4 (0.2)							
Slovak Republic	460 (3.3)	495 (3.3)	493 (4.5)	433 (3.7)	-27 (4.5)	-8 (1.4)	1.0 (0.1)	1.0 (0.3)							
Slovenia	492 (2.4)	531 (3.4)	544 (3.2)	504 (3.1)	13 (4.1)	6 (1.3)	1.4 (0.1)	0.4 (0.2)							
Spain	468 (2.5)	502 (3.9)	517 (3.1)	501 (3.6)	34 (4.0)	10 (1.3)	1.6 (0.1)	1.8 (0.4)							
Sweden	465 (3.6)	505 (4.0)	539 (5.3)	500 (6.3)	35 (6.0)	11 (1.8)	1.6 (0.1)	1.5 (0.5)							
Switzerland	482 (3.8)	524 (4.6)	543 (4.3)	491 (5.9)	9 (6.0)	3 (2.0)	1.4 (0.1)	0.1 (0.2)							
Turkey	438 (4.0)	444 (6.0)	418 (4.8)	413 (4.9)	-25 (4.6)	-7 (1.4)	0.7 (0.1)	1.0 (0.4)							
United Kingdom	483 (3.4)	512 (2.8)	539 (3.9)	523 (4.2)	40 (4.6)	14 (1.5)	1.6 (0.1)	2.3 (0.5)							
United States	477 (3.1)	511 (3.5)	532 (3.9)	485 (6.0)	8 (5.8)	5 (1.6)	1.4 (0.1)	0.4 (0.2)							
OECD average	476 (0.6)	508 (0.6)	522 (0.6)	489 (0.8)	13 (0.8)	5 (0.3)	1.4 (0.0)	1.5 (0.1)							
Partners	Albania	m	m	m	m	m	m	m	m						
Algeria	m	m	m	m	m	m	m	m	m						
Brazil	415 (3.1)	445 (4.0)	419 (4.1)	387 (3.8)	-28 (3.6)	-7 (1.0)	0.8 (0.1)	0.9 (0.3)							
B-5-J-G (China)	511 (4.8)	537 (5.9)	511 (5.1)	516 (6.5)	5 (5.4)	1 (1.9)	1.0 (0.1)	0.0 (0.1)							
Bulgaria	480 (4.2)	498 (5.7)	446 (5.3)	417 (5.4)	-63 (5.6)	-19 (1.7)	0.6 (0.1)	4.1 (0.7)							
CABA (Argentina)	m	m	m	m	m	m	m	m							
Colombia	431 (2.5)	442 (3.2)	420 (3.4)	386 (3.9)	-45 (4.1)	-14 (1.3)	0.6 (0.1)	3.4 (0.6)							
Costa Rica	420 (2.6)	439 (3.0)	431 (3.1)	408 (3.7)	-12 (3.6)	-5 (1.1)	1.0 (0.1)	0.6 (0.3)							
Croatia	457 (3.6)	489 (3.8)	505 (3.7)	462 (4.0)	4 (4.6)	4 (1.5)	1.4 (0.1)	0.2 (0.2)							
Cyprus*	435 (2.9)	475 (3.0)	434 (2.9)	415 (2.9)	-21 (4.0)	-5 (1.1)	0.9 (0.1)	0.5 (0.2)							
Dominican Republic	367 (4.6)	356 (5.7)	340 (4.0)	316 (3.7)	-51 (5.4)	-14 (1.6)	0.5 (0.1)	5.2 (1.0)							
FYROM	m	m	m	m	m	m	m	m							
Georgia	m	m	m	m	m	m	m	m							
Hong Kong (China)	501 (3.3)	540 (3.3)	530 (3.5)	527 (3.0)	26 (3.6)	8 (1.1)	1.5 (0.1)	1.3 (0.3)							
Indonesia	m	m	m	m	m	m	m	m							
Jordan	m	m	m	m	m	m	m	m							
Kosovo	m	m	m	m	m	m	m	m							
Lebanon	m	m	m	m	m	m	m	m							
Lithuania	479 (3.6)	502 (3.4)	487 (3.6)	450 (4.1)	-29 (4.8)	-10 (1.4)	0.9 (0.1)	1.4 (0.4)							
Macao (China)	511 (2.6)	538 (2.7)	547 (2.7)	520 (2.9)	9 (4.3)	6 (1.6)	1.4 (0.1)	0.5 (0.3)							
Malta	m	m	m	m	m	m	m	m							
Moldova	m	m	m	m	m	m	m	m							
Montenegro	428 (2.2)	439 (2.4)	419 (2.7)	392 (2.6)	-36 (3.4)	-10 (1.1)	0.8 (0.1)	1.8 (0.4)							
Peru	425 (3.5)	429 (3.4)	410 (3.0)	382 (3.5)	-43 (4.1)	-16 (1.7)	0.6 (0.1)	4.3 (0.8)							
Qatar	443 (1.9)	457 (2.2)	430 (2.3)	395 (2.3)	-47 (3.0)	-11 (0.9)	0.7 (0.0)	1.6 (0.3)							
Romania	m	m	m	m	m	m	m	m							
Russia	493 (3.2)	509 (3.1)	483 (4.2)	476 (3.9)	-17 (3.7)	-6 (1.3)	0.9 (0.1)	0.5 (0.2)							
Singapore	526 (2.7)	572 (3.2)	573 (3.8)	557 (3.0)	31 (4.5)	11 (1.4)	1.6 (0.1)	1.3 (0.3)							
Chinese Taipei	500 (3.4)	549 (3.4)	556 (3.6)	525 (4.2)	24 (4.3)	12 (1.6)	1.6 (0.1)	1.4 (0.4)							
Thailand	437 (3.9)	415 (3.6)	426 (3.3)	412 (3.7)	-25 (3.9)	-7 (1.9)	0.7 (0.1)	0.4 (0.2)							
Trinidad and Tobago	m	m	m	m	m	m	m	m							
Tunisia	416 (3.8)	397 (3.3)	384 (2.8)	373 (2.7)	-43 (4.1)	-15 (1.8)	0.5 (0.1)	3.6 (0.7)							
United Arab Emirates	468 (3.2)	460 (4.4)	436 (2.9)	407 (3.1)	-61 (3.8)	-18 (1.2)	0.5 (0.0)	3.7 (0.5)							
Uruguay	438 (3.4)	464 (3.5)	457 (4.5)	428 (3.1)	-9 (4.1)	-3 (1.3)	1.0 (0.1)	0.2 (0.2)							
Viet Nam	m	m	m	m	m	m	m	m							
Argentina**	m	m	m	m	m	m	m	m							
Kazakhstan**	m	m	m	m	m	m	m	m							
Malaysia**	443 (3.8)	451 (4.0)	447 (3.6)	434 (4.2)	-9 (4.0)	-1 (1.6)	1.0 (0.1)	0.0 (0.1)							

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

StatLink  <http://dx.doi.org/10.1787/888933433183>



[Part 1/1]

Table I.3.6 Effect sizes for gender differences in science attitudes and dispositions


Results based on students' self-reports

		Effect size in favour of girls:				Effect size in favour of boys:							
		from 0.2 to 0.5		from 0.5 to 0.8		from -0.2 to -0.5		from -0.5 to -0.8					
		equal or greater than 0.8				equal or less than -0.8							
		Index of epistemic beliefs (valuing scientific approaches to enquiry)		Index of science activities		Index of enjoyment of science		Index of interest in broad science topics		Index of instrumental motivation to learn science		Index of science self-efficacy	
		Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.	Effect size	S.E.
OECD	Australia	0.03	(0.02)	-0.30	(0.02)	-0.14	(0.02)	-0.25	(0.02)	-0.05	(0.02)	-0.20	(0.02)
	Austria	-0.01	(0.04)	-0.34	(0.03)	-0.18	(0.04)	-0.35	(0.03)	-0.12	(0.03)	-0.22	(0.04)
	Belgium	-0.01	(0.02)	-0.45	(0.02)	-0.18	(0.03)	-0.19	(0.03)	-0.05	(0.02)	-0.22	(0.02)
	Canada	0.01	(0.02)	-0.33	(0.02)	-0.13	(0.02)	-0.25	(0.02)	0.05	(0.02)	-0.21	(0.02)
	Chile	-0.02	(0.03)	-0.20	(0.03)	0.08	(0.03)	-0.19	(0.03)	0.09	(0.03)	-0.03	(0.03)
	Czech Republic	0.07	(0.03)	-0.26	(0.03)	0.06	(0.03)	-0.21	(0.03)	-0.07	(0.03)	-0.15	(0.03)
	Denmark	0.06	(0.03)	-0.31	(0.03)	-0.08	(0.03)	-0.21	(0.03)	0.03	(0.03)	-0.30	(0.03)
	Estonia	0.12	(0.03)	-0.30	(0.03)	-0.05	(0.03)	-0.23	(0.03)	-0.01	(0.03)	-0.08	(0.03)
	Finland	0.08	(0.03)	-0.30	(0.03)	-0.04	(0.03)	-0.28	(0.03)	0.05	(0.03)	-0.22	(0.03)
	France	-0.04	(0.03)	-0.39	(0.03)	-0.28	(0.03)	-0.30	(0.02)	-0.15	(0.03)	-0.27	(0.03)
	Germany	-0.07	(0.03)	-0.35	(0.04)	-0.36	(0.03)	-0.44	(0.03)	-0.27	(0.04)	-0.31	(0.03)
	Greece	0.06	(0.03)	-0.32	(0.03)	-0.11	(0.03)	-0.10	(0.03)	-0.11	(0.02)	-0.15	(0.03)
	Hungary	0.04	(0.03)	-0.34	(0.04)	0.02	(0.03)	-0.24	(0.03)	-0.11	(0.03)	-0.09	(0.03)
	Iceland	-0.03	(0.03)	-0.47	(0.04)	-0.21	(0.03)	-0.23	(0.03)	-0.03	(0.03)	-0.33	(0.03)
	Ireland	-0.03	(0.03)	-0.33	(0.03)	-0.09	(0.03)	-0.22	(0.03)	0.05	(0.03)	-0.20	(0.03)
	Israel	0.14	(0.03)	-0.29	(0.05)	-0.05	(0.03)	-0.12	(0.03)	-0.12	(0.04)	-0.13	(0.03)
	Italy	-0.04	(0.03)	-0.46	(0.03)	-0.24	(0.03)	-0.28	(0.03)	-0.18	(0.03)	-0.15	(0.03)
	Japan	-0.12	(0.03)	-0.48	(0.03)	-0.45	(0.03)	-0.33	(0.03)	-0.24	(0.03)	-0.21	(0.03)
	Korea	0.13	(0.03)	-0.37	(0.03)	-0.27	(0.03)	-0.32	(0.03)	-0.21	(0.03)	0.03	(0.03)
	Latvia	0.09	(0.03)	-0.28	(0.03)	-0.03	(0.03)	-0.31	(0.03)	-0.10	(0.03)	-0.04	(0.03)
	Luxembourg	0.01	(0.03)	-0.34	(0.03)	-0.12	(0.03)	-0.28	(0.03)	0.00	(0.03)	-0.18	(0.03)
	Mexico	-0.02	(0.03)	-0.32	(0.03)	-0.01	(0.03)	-0.16	(0.03)	0.03	(0.03)	-0.01	(0.02)
	Netherlands	0.00	(0.03)	-0.57	(0.03)	-0.23	(0.03)	-0.31	(0.03)	-0.13	(0.03)	-0.21	(0.03)
	New Zealand	0.01	(0.03)	-0.30	(0.04)	-0.03	(0.04)	-0.18	(0.03)	0.06	(0.04)	-0.21	(0.03)
	Norway	0.06	(0.03)	-0.42	(0.03)	-0.22	(0.03)	-0.22	(0.04)	0.05	(0.03)	-0.18	(0.03)
	Poland	0.16	(0.03)	-0.25	(0.03)	0.10	(0.03)	-0.17	(0.03)	0.11	(0.03)	0.01	(0.04)
	Portugal	0.02	(0.03)	-0.37	(0.03)	-0.08	(0.03)	-0.27	(0.03)	-0.08	(0.03)	-0.12	(0.03)
	Slovak Republic	0.10	(0.03)	-0.39	(0.03)	0.02	(0.03)	-0.17	(0.03)	-0.04	(0.03)	-0.14	(0.03)
	Slovenia	0.25	(0.03)	-0.31	(0.03)	0.03	(0.03)	-0.28	(0.03)	0.06	(0.03)	-0.09	(0.03)
	Spain	0.08	(0.03)	-0.37	(0.03)	-0.10	(0.02)	-0.18	(0.03)	-0.07	(0.03)	-0.21	(0.02)
	Sweden	0.00	(0.03)	-0.35	(0.03)	-0.17	(0.03)	-0.25	(0.03)	-0.04	(0.03)	-0.30	(0.03)
	Switzerland	0.05	(0.03)	-0.25	(0.03)	-0.15	(0.03)	-0.28	(0.04)	0.03	(0.03)	-0.20	(0.03)
	Turkey	0.06	(0.03)	-0.28	(0.03)	-0.01	(0.03)	-0.15	(0.03)	0.16	(0.03)	0.10	(0.03)
United Kingdom	-0.01	(0.03)	-0.26	(0.02)	-0.17	(0.02)	-0.29	(0.02)	-0.04	(0.03)	-0.21	(0.03)	
United States	0.06	(0.02)	-0.24	(0.03)	-0.20	(0.03)	-0.29	(0.03)	0.08	(0.03)	-0.19	(0.02)	
OECD average	0.04	(0.01)	-0.34	(0.01)	-0.12	(0.00)	-0.24	(0.01)	-0.04	(0.01)	-0.16	(0.00)	
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m
	Algeria	0.15	(0.03)	m	m	0.13	(0.03)	m	m	0.13	(0.03)	-0.04	(0.03)
	Brazil	0.03	(0.03)	-0.32	(0.02)	0.04	(0.02)	-0.13	(0.02)	0.10	(0.02)	-0.06	(0.03)
	B-S-J-G (China)	-0.03	(0.03)	-0.22	(0.03)	-0.16	(0.03)	-0.33	(0.03)	0.02	(0.03)	-0.05	(0.03)
	Bulgaria	0.17	(0.03)	-0.32	(0.03)	0.16	(0.03)	-0.06	(0.03)	-0.05	(0.03)	0.08	(0.03)
	CABA (Argentina)	-0.03	(0.06)	m	m	0.14	(0.06)	m	m	-0.01	(0.06)	-0.05	(0.06)
	Colombia	0.08	(0.03)	-0.23	(0.03)	0.02	(0.03)	-0.09	(0.03)	0.08	(0.02)	-0.03	(0.03)
	Costa Rica	-0.07	(0.03)	-0.26	(0.03)	0.03	(0.03)	-0.21	(0.03)	0.11	(0.03)	-0.01	(0.03)
	Croatia	0.10	(0.03)	-0.38	(0.03)	-0.05	(0.03)	-0.19	(0.03)	-0.02	(0.03)	-0.15	(0.03)
	Cyprus*	0.14	(0.03)	-0.43	(0.02)	-0.05	(0.03)	-0.11	(0.03)	-0.03	(0.03)	-0.18	(0.03)
	Dominican Republic	0.08	(0.04)	-0.34	(0.04)	0.04	(0.04)	0.02	(0.04)	0.11	(0.04)	0.16	(0.04)
	FYROM	0.24	(0.03)	m	m	0.30	(0.03)	m	m	0.04	(0.03)	-0.01	(0.03)
	Georgia	0.25	(0.03)	m	m	0.14	(0.03)	m	m	-0.06	(0.03)	0.14	(0.03)
	Hong Kong (China)	0.00	(0.03)	-0.37	(0.03)	-0.25	(0.03)	-0.38	(0.02)	-0.15	(0.03)	-0.14	(0.03)
	Indonesia	0.07	(0.03)	m	m	0.09	(0.03)	m	m	0.09	(0.03)	0.01	(0.03)
	Jordan	0.39	(0.04)	m	m	0.23	(0.04)	m	m	0.19	(0.03)	0.08	(0.04)
	Kosovo	0.15	(0.04)	m	m	0.16	(0.04)	m	m	0.14	(0.04)	-0.07	(0.03)
	Lebanon	0.03	(0.04)	m	m	0.04	(0.03)	m	m	0.02	(0.03)	-0.04	(0.04)
	Lithuania	0.18	(0.03)	-0.35	(0.03)	0.12	(0.04)	-0.25	(0.03)	0.06	(0.03)	-0.08	(0.03)
	Macao (China)	0.02	(0.03)	-0.29	(0.03)	-0.16	(0.03)	-0.34	(0.03)	-0.10	(0.03)	-0.09	(0.03)
	Malta	0.09	(0.03)	m	m	-0.10	(0.03)	m	m	-0.08	(0.03)	-0.21	(0.04)
	Moldova	0.18	(0.03)	m	m	0.21	(0.03)	m	m	0.03	(0.02)	0.06	(0.03)
	Montenegro	0.16	(0.03)	-0.28	(0.03)	0.07	(0.03)	-0.05	(0.03)	0.05	(0.03)	-0.03	(0.03)
	Peru	0.02	(0.03)	-0.26	(0.03)	-0.01	(0.02)	-0.11	(0.03)	0.11	(0.03)	-0.04	(0.03)
	Qatar	0.13	(0.02)	-0.36	(0.02)	0.00	(0.02)	-0.22	(0.02)	0.05	(0.02)	-0.03	(0.02)
	Romania	0.11	(0.03)	m	m	0.07	(0.03)	m	m	0.05	(0.03)	0.00	(0.03)
	Russia	0.02	(0.03)	-0.34	(0.03)	-0.07	(0.04)	-0.26	(0.04)	-0.10	(0.03)	-0.14	(0.03)
	Singapore	-0.10	(0.02)	-0.31	(0.02)	-0.17	(0.03)	-0.34	(0.02)	-0.03	(0.03)	-0.19	(0.02)
	Chinese Taipei	-0.01	(0.03)	-0.34	(0.03)	-0.38	(0.03)	-0.39	(0.03)	-0.16	(0.03)	-0.05	(0.03)
	Thailand	0.19	(0.03)	-0.15	(0.03)	0.06	(0.03)	-0.09	(0.03)	0.16	(0.03)	-0.01	(0.03)
	Trinidad and Tobago	0.13	(0.03)	m	m	0.01	(0.03)	m	m	-0.03	(0.03)	-0.01	(0.03)
	Tunisia	0.01	(0.03)	-0.15	(0.03)	0.12	(0.03)	-0.09	(0.04)	0.16	(0.03)	-0.07	(0.03)
	United Arab Emirates	0.17	(0.03)	-0.30	(0.03)	0.02	(0.03)	-0.20	(0.02)	0.07	(0.03)	0.00	(0.03)
	Uruguay	0.05	(0.03)	-0.23	(0.03)	0.06	(0.03)	-0.05	(0.03)	0.08	(0.03)	-0.05	(0.03)
	Viet Nam	0.04	(0.03)	m	m	-0.07	(0.03)	m	m	-0.03	(0.04)	0.06	(0.03)
	Argentina**	0.07	(0.03)	m	m	0.11	(0.03)	m	m	0.05	(0.03)	-0.07	(0.03)
	Kazakhstan**	0.16	(0.03)	m	m	0.12	(0.03)	m	m	0.01	(0.03)	0.09	(0.03)
Malaysia**	0.14	(0.03)	-0.19	(0.03)	0.04	(0.03)	-0.11	(0.03)	0.22	(0.03)	0.04	(0.03)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/1]

Table 1.3.7 Relationship among students' career expectations, science performance, and attitudes towards science


Country-level correlations

	A. All countries/economies							
	Mean performance in science	Students who expect to work in science-related occupations ¹ at age 30	Index of epistemic beliefs (valuing scientific approaches to enquiry)	Index of science activities	Index of enjoyment of science	Index of interest in broad science topics	Index of instrumental motivation to learn science	Index of science self-efficacy
	Corr.	Corr.	Corr.	Corr.	Corr.	Corr.	Corr.	Corr.
Mean performance in science		-0.49	0.48	-0.73	-0.50	-0.40	-0.58	-0.22
Students who expect to work in science-related occupations at age 30	-0.49		0.05	0.47	0.40	0.46	0.51	0.48
Index of epistemic beliefs (valuing scientific approaches to enquiry)	0.48	0.05		-0.43	0.05	0.09	0.01	0.25
Index of science activities	-0.73	0.47	-0.43		0.61	0.48	0.62	0.50
Index of enjoyment of science	-0.50	0.40	0.05	0.61		0.79	0.86	0.19
Index of interest in broad science topics	-0.40	0.46	0.09	0.48	0.79		0.59	0.33
Index of instrumental motivation to learn science	-0.58	0.51	0.01	0.62	0.86	0.59		0.23
Index of science self-efficacy	-0.22	0.48	0.25	0.50	0.19	0.33	0.23	

	B. OECD countries							
	Mean performance in science	Students who expect to work in science-related occupations at age 30	Index of epistemic beliefs (valuing scientific approaches to enquiry)	Index of science activities	Index of enjoyment of science	Index of interest in broad science topics	Index of instrumental motivation to learn science	Index of science self-efficacy
	Corr.	Corr.	Corr.	Corr.	Corr.	Corr.	Corr.	Corr.
Mean performance in science		-0.39	0.38	-0.67	-0.25	-0.14	-0.31	-0.29
Students who expect to work in science-related occupations at age 30	-0.39		0.36	0.38	0.61	0.38	0.74	0.49
Index of epistemic beliefs (valuing scientific approaches to enquiry)	0.38	0.36		-0.35	0.52	0.34	0.49	0.38
Index of science activities	-0.67	0.38	-0.35		0.35	0.13	0.32	0.46
Index of enjoyment of science	-0.25	0.61	0.52	0.35		0.72	0.80	0.60
Index of interest in broad science topics	-0.14	0.38	0.34	0.13	0.72		0.40	0.22
Index of instrumental motivation to learn science	-0.31	0.74	0.49	0.32	0.80	0.40		0.59
Index of science self-efficacy	-0.29	0.49	0.38	0.46	0.60	0.22	0.59	

1. See Annex A1 for the list of science-related occupations.

Note: Correlations that are larger than 0.40 or smaller than -0.40 are highlighted in bold. Results for Argentina, Kazakhstan and Malaysia are not included in the correlations (see Annex A4).

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[Part 1/1]

Table 1.3.8 Relationship among changes between 2006 and 2015 in students' career expectations, science performance, and attitudes towards science


Country-level correlations

Change between 2006 and 2015 in...	A. All countries/economies					
	Change between 2006 and 2015 in mean performance in science	Change between 2006 and 2015 in the percentage of students who expect to work in science-related occupations ¹ at age 30	Change between 2006 and 2015 in the mean index of science activities	Change between 2006 and 2015 in the mean index of enjoyment of science	Change between 2006 and 2015 in the mean index of instrumental motivation to learn science	Change between 2006 and 2015 in the mean index of science self-efficacy
Change between 2006 and 2015 in...	Corr.	Corr.	Corr.	Corr.	Corr.	Corr.
...mean performance in science		-0.23	0.12	-0.04	-0.29	0.37
...the percentage of students who expect to work in science-related occupations at age 30	-0.23		0.35	0.12	0.36	0.07
...the mean index of science activities	0.12	0.35		0.41	0.24	0.48
...the mean index of enjoyment of science	-0.04	0.12	0.41		0.47	0.00
...the mean index of instrumental motivation to learn science	-0.29	0.36	0.24	0.47		-0.15
...the mean index of science self-efficacy	0.37	0.07	0.48	0.00	-0.15	

Change between 2006 and 2015 in...	B. OECD countries					
	Change between 2006 and 2015 in mean performance in science	Change between 2006 and 2015 in the percentage of students who expect to work in science-related occupations at age 30	Change between 2006 and 2015 in the mean index of science activities	Change between 2006 and 2015 in the mean index of enjoyment of science	Change between 2006 and 2015 in the mean index of instrumental motivation to learn science	Change between 2006 and 2015 in the mean index of science self-efficacy
Change between 2006 and 2015 in...	Corr.	Corr.	Corr.	Corr.	Corr.	Corr.
...mean performance in science		-0.12	0.05	0.28	-0.16	0.27
...the percentage of students who expect to work in science-related occupations at age 30	-0.12		0.32	-0.01	0.42	0.01
...the mean index of science activities	0.05	0.32		0.50	0.37	0.41
...the mean index of enjoyment of science	0.28	-0.01	0.50		0.22	0.05
...the mean index of instrumental motivation to learn science	-0.16	0.42	0.37	0.22		0.04
...the mean index of science self-efficacy	0.27	0.01	0.41	0.05	0.04	

1. See Annex A1 for the list of science-related occupations.

Note: Correlations that are larger than 0.40 or smaller than -0.40 are highlighted in bold. Results for Argentina are not included in the correlations (see Annex A4).

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[Part 1/1]

Table 1.3.9 Relationship among gender gaps in students' career expectations, science performance, and attitudes towards science


Country-level correlations

Gender gap in...	A. All countries/economies								
	Gender gap in mean performance in science	Gender gap in 90th percentile of performance in science	Gender gap in students who expect to work in science-related occupations ¹ at age 30	Gender gap in index of epistemic beliefs (valuing scientific approaches to enquiry)	Gender gap in index of science activities	Gender gap in index of enjoyment of science	Gender gap in index of interest in broad science topics	Gender gap in index of instrumental motivation to learn science	Gender gap in index of science self-efficacy
Gender gap in...	Corr.	Corr.	Corr.	Corr.	Corr.	Corr.	Corr.	Corr.	Corr.
...mean performance in science		0.89	0.18	0.74	-0.02	0.38	0.14	0.21	0.33
...90th percentile of performance in science	0.89		0.26	0.64	0.17	0.43	0.17	0.31	0.43
...students who expect to work in science-related occupations at age 30	0.18	0.26		0.22	0.30	0.37	0.39	0.44	0.11
...index of epistemic beliefs (valuing scientific approaches to enquiry)	0.74	0.64	0.22		0.15	0.64	0.46	0.39	0.51
...index of science activities	-0.02	0.17	0.30	0.15		0.50	0.33	0.56	0.46
...index of enjoyment of science	0.38	0.43	0.37	0.64	0.50		0.74	0.70	0.65
...index of interest in broad science topics	0.14	0.17	0.39	0.46	0.33	0.74		0.62	0.56
...index of instrumental motivation to learn science	0.21	0.31	0.44	0.39	0.56	0.70	0.62		0.44
...index of science self-efficacy	0.33	0.43	0.11	0.51	0.46	0.65	0.56	0.44	

Gender gap in...	B. OECD countries								
	Gender gap in mean performance in science	Gender gap in 90th percentile of performance in science	Gender gap in students who expect to work in science-related occupations at age 30	Gender gap in index of epistemic beliefs (valuing scientific approaches to enquiry)	Gender gap in index of science activities	Gender gap in index of enjoyment of science	Gender gap in index of interest in broad science topics	Gender gap in index of instrumental motivation to learn science	Gender gap in index of science self-efficacy
Gender gap in...	Corr.	Corr.	Corr.	Corr.	Corr.	Corr.	Corr.	Corr.	Corr.
...mean performance in science		0.89	0.10	0.48	0.09	0.18	0.08	0.17	0.15
...90th percentile of performance in science	0.89		0.05	0.34	0.13	0.16	0.05	0.28	0.17
...students who expect to work in science-related occupations at age 30	0.10	0.05		0.13	0.19	0.14	0.26	0.39	-0.22
...index of epistemic beliefs (valuing scientific approaches to enquiry)	0.48	0.34	0.13		0.33	0.58	0.38	0.36	0.48
...index of science activities	0.09	0.13	0.19	0.33		0.59	0.27	0.54	0.40
...index of enjoyment of science	0.18	0.16	0.14	0.58	0.59		0.67	0.65	0.53
...index of interest in broad science topics	0.08	0.05	0.26	0.38	0.27	0.67		0.49	0.44
...index of instrumental motivation to learn science	0.17	0.28	0.39	0.36	0.54	0.65	0.49		0.26
...index of science self-efficacy	0.15	0.17	-0.22	0.48	0.40	0.53	0.44	0.26	

1. See Annex A1 for the list of science-related occupations.

Note: Correlations that are larger than 0.40 or smaller than -0.40 are highlighted in bold.

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[Part 1/3]

Table I.3.10a Students' career expectations, PISA 2006 and PISA 2015

Results based on students' self-reports

	PISA 2015												
	Students who expect to work in science-related occupations ¹ at age 30								Students who expect to work in other occupations at age 30		Students with vague career expectations or whose answer is missing or invalid (undecided, does not know...) ²		
	Science and engineering professionals		Health professionals		Information and communication technology professionals		Science-related technicians and associate professionals						
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.			
OECD													
Australia	10.0	(0.4)	15.4	(0.4)	2.6	(0.1)	1.3	(0.1)	55.4	(0.6)	15.4	(0.5)	
Austria	9.0	(0.6)	8.3	(0.5)	3.1	(0.5)	2.0	(0.2)	55.1	(1.0)	22.5	(0.7)	
Belgium	8.6	(0.6)	12.4	(0.8)	3.0	(0.3)	0.4	(0.1)	60.0	(1.4)	15.6	(0.7)	
Canada	12.1	(0.4)	19.2	(0.5)	2.0	(0.1)	0.6	(0.1)	45.4	(0.6)	20.8	(0.6)	
Chile	17.8	(0.6)	18.3	(0.7)	0.4	(0.1)	1.4	(0.2)	43.9	(0.7)	18.1	(0.6)	
Czech Republic	4.1	(0.3)	7.3	(0.5)	3.2	(0.3)	2.3	(0.3)	61.0	(0.8)	22.1	(0.7)	
Denmark	4.0	(0.3)	8.9	(0.4)	1.3	(0.2)	0.7	(0.1)	36.9	(0.8)	48.3	(0.7)	
Estonia	7.7	(0.5)	8.1	(0.4)	8.1	(0.4)	0.8	(0.1)	59.9	(0.7)	15.4	(0.5)	
Finland	3.9	(0.3)	10.8	(0.5)	1.7	(0.2)	0.7	(0.1)	58.5	(0.7)	24.5	(0.6)	
France	8.2	(0.5)	9.3	(0.4)	2.8	(0.2)	0.9	(0.1)	58.3	(0.8)	20.6	(0.7)	
Germany	6.8	(0.3)	4.6	(0.3)	2.8	(0.2)	1.2	(0.2)	51.7	(0.8)	32.9	(0.9)	
Greece	9.4	(0.4)	12.0	(0.6)	3.0	(0.3)	0.9	(0.2)	63.1	(0.9)	11.6	(0.5)	
Hungary	7.5	(0.6)	5.4	(0.4)	4.3	(0.5)	1.1	(0.2)	59.7	(1.0)	21.9	(0.7)	
Iceland	6.6	(0.5)	13.1	(0.6)	4.1	(0.4)	0.1	(0.0)	54.4	(0.8)	21.8	(0.7)	
Ireland	8.8	(0.4)	13.8	(0.6)	3.4	(0.3)	1.3	(0.2)	59.7	(0.8)	13.1	(0.6)	
Israel	8.8	(0.4)	15.8	(0.6)	2.8	(0.2)	0.5	(0.1)	47.4	(0.8)	24.7	(0.7)	
Italy	9.0	(0.6)	10.1	(0.6)	1.6	(0.2)	1.9	(0.2)	60.0	(1.1)	17.4	(0.8)	
Japan	4.8	(0.4)	9.9	(0.5)	2.4	(0.3)	0.9	(0.1)	63.7	(1.0)	18.3	(0.8)	
Korea	6.3	(0.4)	8.3	(0.4)	2.5	(0.2)	2.3	(0.3)	73.2	(0.8)	7.5	(0.4)	
Latvia	7.2	(0.4)	9.4	(0.4)	3.9	(0.3)	0.8	(0.1)	60.1	(0.9)	18.6	(0.7)	
Luxembourg	8.5	(0.4)	8.4	(0.4)	2.9	(0.2)	1.4	(0.2)	60.9	(0.7)	18.0	(0.5)	
Mexico	18.3	(0.7)	19.2	(0.6)	2.3	(0.2)	1.0	(0.1)	53.1	(0.7)	6.2	(0.4)	
Netherlands	5.3	(0.3)	7.8	(0.4)	1.8	(0.2)	1.4	(0.1)	64.8	(0.8)	18.9	(0.7)	
New Zealand	8.3	(0.4)	13.4	(0.5)	2.5	(0.2)	0.6	(0.1)	51.1	(0.8)	24.1	(0.6)	
Norway	11.3	(0.6)	11.9	(0.4)	1.1	(0.1)	4.3	(0.3)	50.3	(0.8)	21.0	(0.9)	
Poland	6.4	(0.4)	12.3	(0.7)	1.4	(0.2)	1.0	(0.2)	65.7	(1.0)	13.4	(0.6)	
Portugal	11.8	(0.4)	13.7	(0.6)	1.6	(0.2)	0.4	(0.1)	54.5	(0.9)	18.0	(0.7)	
Slovak Republic	3.7	(0.4)	9.5	(0.5)	2.8	(0.2)	2.3	(0.3)	58.0	(1.1)	23.6	(0.9)	
Slovenia	7.2	(0.4)	12.3	(0.5)	2.9	(0.2)	8.5	(0.4)	53.0	(0.8)	16.1	(0.5)	
Spain	11.1	(0.4)	13.3	(0.4)	3.6	(0.2)	0.6	(0.1)	60.6	(0.7)	10.8	(0.5)	
Sweden	5.6	(0.4)	8.8	(0.5)	2.7	(0.3)	3.1	(0.2)	58.6	(0.8)	21.2	(0.6)	
Switzerland	6.2	(0.5)	7.9	(0.5)	2.4	(0.2)	3.0	(0.3)	58.5	(1.1)	22.0	(0.7)	
Turkey	17.1	(1.1)	11.8	(0.7)	0.4	(0.1)	0.5	(0.1)	64.2	(1.3)	6.1	(0.5)	
United Kingdom	12.7	(0.5)	13.5	(0.5)	2.6	(0.2)	0.3	(0.1)	53.4	(0.8)	17.5	(0.8)	
United States	13.0	(0.6)	22.1	(0.7)	2.1	(0.2)	0.7	(0.1)	48.9	(0.8)	13.1	(0.7)	
OECD average	8.8	(0.1)	11.6	(0.1)	2.6	(0.0)	1.5	(0.0)	56.7	(0.1)	18.8	(0.1)	
Partners													
Albania	10.9	(0.5)	11.5	(0.5)	1.4	(0.1)	1.0	(0.1)	46.1	(1.0)	29.2	(1.1)	
Algeria	8.9	(0.4)	16.6	(0.7)	0.2	(0.1)	0.2	(0.1)	61.9	(0.9)	12.2	(0.6)	
Brazil	16.3	(0.5)	20.9	(0.4)	1.1	(0.1)	0.4	(0.1)	42.4	(0.6)	18.9	(0.8)	
B-S-J-G (China)	6.7	(0.3)	7.5	(0.4)	2.1	(0.2)	0.4	(0.1)	51.7	(1.0)	31.5	(1.1)	
Bulgaria	5.4	(0.6)	11.7	(0.7)	8.3	(0.9)	2.0	(0.3)	47.4	(1.2)	25.1	(1.0)	
CABA (Argentina)	12.2	(1.3)	13.6	(1.2)	1.6	(0.4)	0.4	(0.2)	53.2	(2.0)	19.0	(2.5)	
Colombia	12.2	(0.4)	22.5	(0.7)	4.0	(0.3)	1.1	(0.1)	51.9	(0.8)	8.4	(0.6)	
Costa Rica	17.4	(0.6)	20.6	(0.6)	3.6	(0.3)	2.4	(0.2)	44.7	(0.9)	11.3	(0.5)	
Croatia	6.2	(0.6)	10.8	(0.8)	3.0	(0.3)	4.1	(0.4)	59.3	(1.1)	16.6	(0.6)	
Cyprus*	10.2	(0.5)	15.5	(0.5)	4.0	(0.3)	0.2	(0.1)	59.3	(0.6)	10.9	(0.4)	
Dominican Republic	21.5	(0.7)	21.1	(0.8)	2.1	(0.2)	1.0	(0.2)	42.5	(1.0)	11.8	(0.6)	
FYROM	4.2	(0.3)	14.1	(0.5)	3.8	(0.3)	2.0	(0.2)	55.8	(0.7)	20.1	(0.5)	
Georgia	4.0	(0.3)	10.3	(0.5)	2.7	(0.3)	0.1	(0.0)	56.2	(0.9)	26.8	(0.7)	
Hong Kong (China)	8.5	(0.4)	13.0	(0.6)	1.7	(0.2)	0.3	(0.1)	56.6	(0.8)	19.8	(0.9)	
Indonesia	1.9	(0.2)	12.7	(0.7)	0.6	(0.1)	0.1	(0.0)	65.3	(1.1)	19.4	(0.8)	
Jordan	21.1	(0.7)	21.5	(0.8)	0.2	(0.1)	0.9	(0.2)	50.1	(1.1)	6.2	(0.4)	
Kosovo	9.2	(0.5)	16.1	(0.5)	0.7	(0.1)	0.4	(0.1)	66.3	(0.7)	7.3	(0.4)	
Lebanon	16.5	(0.9)	22.1	(0.9)	0.6	(0.1)	0.5	(0.1)	45.5	(1.1)	14.8	(0.7)	
Lithuania	8.3	(0.4)	10.4	(0.4)	4.9	(0.3)	0.3	(0.1)	54.7	(0.7)	21.4	(0.7)	
Macao (China)	5.4	(0.3)	12.4	(0.5)	2.6	(0.2)	0.5	(0.1)	69.0	(0.8)	10.2	(0.5)	
Malta	9.1	(0.5)	10.3	(0.5)	5.0	(0.3)	1.0	(0.2)	63.8	(0.8)	10.8	(0.5)	
Moldova	5.4	(0.4)	10.9	(0.6)	5.1	(0.4)	0.6	(0.1)	71.5	(0.9)	6.6	(0.4)	
Montenegro	6.9	(0.3)	10.0	(0.4)	2.1	(0.2)	2.3	(0.2)	61.0	(0.6)	17.8	(0.5)	
Peru	21.4	(0.7)	13.1	(0.6)	3.7	(0.2)	0.5	(0.1)	53.9	(0.7)	7.4	(0.4)	
Qatar	16.8	(0.4)	19.0	(0.4)	1.4	(0.1)	0.9	(0.1)	43.2	(0.5)	18.7	(0.4)	
Romania	6.0	(0.5)	11.5	(0.6)	5.1	(0.4)	0.5	(0.2)	56.8	(1.3)	20.0	(1.0)	
Russia	8.3	(0.3)	9.8	(0.5)	4.1	(0.2)	1.3	(0.1)	57.1	(1.1)	19.4	(1.1)	
Singapore	14.1	(0.5)	11.7	(0.5)	1.7	(0.2)	0.5	(0.1)	57.9	(0.7)	14.1	(0.5)	
Chinese Taipei	7.9	(0.5)	7.2	(0.4)	3.4	(0.2)	2.4	(0.2)	58.3	(0.9)	20.8	(0.6)	
Thailand	4.0	(0.3)	14.0	(0.5)	1.4	(0.2)	0.2	(0.1)	53.8	(0.8)	26.6	(0.9)	
Trinidad and Tobago	12.2	(0.5)	14.0	(0.5)	1.4	(0.2)	0.3	(0.1)	59.3	(0.7)	12.9	(0.5)	
Tunisia	10.6	(0.6)	22.2	(0.8)	1.5	(0.2)	0.1	(0.0)	46.4	(0.9)	19.3	(1.1)	
United Arab Emirates	21.4	(0.5)	17.8	(0.5)	1.4	(0.1)	0.7	(0.1)	48.1	(0.5)	10.6	(0.4)	
Uruguay	8.9	(0.3)	16.4	(0.5)	2.0	(0.4)	0.7	(0.1)	54.9	(0.8)	17.0	(0.6)	
Viet Nam	4.8	(0.4)	13.4	(0.6)	1.0	(0.1)	0.4	(0.1)	67.3	(0.8)	13.1	(0.6)	
Argentina**	9.8	(0.6)	12.2	(0.6)	0.7	(0.1)	0.9	(0.2)	64.0	(1.0)	12.4	(0.6)	
Kazakhstan**	8.3	(0.4)	17.0	(1.0)	1.9	(0.2)	1.7	(0.2)	56.7	(1.2)	14.3	(0.8)	
Malaysia**	13.2	(0.5)	14.0	(0.6)	1.3	(0.2)	0.6	(0.1)	67.0	(0.9)	4.0	(0.4)	

1. See Annex A1 for the list of science-related occupations.


2. Students who did not reach this question in their questionnaire are not included here.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Results for Belgium in this table refer to the French and German-speaking communities only.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 2/3]

Table 1.3.10a Students' career expectations, PISA 2006 and PISA 2015

Results based on students' self-reports

	PISA 2006												
	Students who expect to work in science-related occupations ¹ at age 30								Students who expect to work in other occupations at age 30		Students with vague career expectations or whose answer is missing or invalid (undecided, does not know...) ²		
	Science and engineering professionals		Health professionals		Information and communication technology professionals		Science-related technicians and associate professionals						
	%	S.E.	%	S.E.	%	S.E.	%	S.E.					%
OECD	Australia	9.8	(0.3)	9.4	(0.3)	2.2	(0.2)	0.8	(0.1)	60.4	(0.5)	17.4	(0.4)
	Austria	4.5	(0.6)	4.4	(0.3)	1.3	(0.2)	3.1	(0.5)	54.9	(1.2)	32.0	(0.9)
	Belgium	8.5	(0.6)	10.0	(0.7)	3.3	(0.3)	1.2	(0.2)	57.8	(1.2)	19.3	(0.8)
	Canada	10.6	(0.4)	15.7	(0.4)	2.6	(0.2)	0.7	(0.1)	53.5	(0.6)	16.9	(0.5)
	Chile	14.3	(0.8)	16.8	(0.8)	1.9	(0.2)	2.0	(0.2)	45.8	(1.2)	19.2	(0.9)
	Czech Republic	5.3	(0.6)	3.2	(0.3)	3.7	(0.5)	1.9	(0.3)	53.1	(1.2)	32.9	(0.9)
	Denmark	7.0	(0.4)	7.3	(0.4)	0.5	(0.1)	1.4	(0.1)	61.2	(0.8)	22.7	(0.9)
	Estonia	8.2	(0.4)	4.2	(0.3)	4.3	(0.4)	0.2	(0.1)	57.1	(0.8)	26.0	(0.8)
	Finland	4.5	(0.3)	6.2	(0.4)	1.3	(0.1)	1.2	(0.2)	61.8	(0.8)	25.1	(0.7)
	France	6.4	(0.5)	7.0	(0.4)	1.7	(0.2)	3.3	(0.3)	57.9	(1.1)	23.7	(0.9)
	Germany	5.3	(0.3)	3.7	(0.3)	1.7	(0.2)	2.5	(0.2)	54.8	(0.8)	32.0	(0.8)
	Greece	11.6	(0.5)	6.3	(0.4)	2.2	(0.2)	1.4	(0.2)	51.7	(0.8)	26.8	(0.8)
	Hungary	5.1	(0.4)	4.5	(0.3)	3.8	(0.5)	0.7	(0.1)	53.9	(1.1)	31.9	(0.7)
	Iceland	9.2	(0.4)	11.3	(0.5)	1.6	(0.2)	0.3	(0.1)	54.2	(0.7)	23.4	(0.7)
	Ireland	9.8	(0.5)	11.9	(0.5)	1.4	(0.2)	0.6	(0.1)	59.2	(0.9)	17.1	(0.8)
	Israel	4.4	(0.3)	9.4	(0.7)	3.3	(0.3)	0.6	(0.1)	31.6	(0.8)	50.7	(1.1)
	Italy	12.0	(0.8)	10.0	(0.5)	1.7	(0.2)	1.5	(0.2)	60.6	(0.9)	14.1	(0.5)
	Japan	5.2	(0.5)	7.8	(0.9)	0.0	c	0.0	c	55.0	(1.0)	32.0	(1.1)
	Korea	7.8	(0.7)	6.6	(0.4)	2.3	(0.3)	0.5	(0.1)	76.8	(0.8)	6.0	(0.4)
	Latvia	8.5	(0.4)	3.9	(0.3)	3.3	(0.3)	0.9	(0.1)	57.2	(1.1)	26.1	(1.0)
	Luxembourg	8.2	(0.4)	8.1	(0.4)	2.2	(0.2)	1.3	(0.2)	59.6	(0.7)	20.6	(0.5)
	Mexico	15.5	(0.5)	11.9	(0.5)	3.5	(0.2)	0.5	(0.1)	45.4	(0.6)	23.1	(0.7)
	Netherlands	3.8	(0.3)	7.6	(0.5)	1.1	(0.2)	1.2	(0.2)	73.6	(0.7)	12.7	(0.5)
	New Zealand	7.2	(0.4)	11.1	(0.5)	1.5	(0.2)	0.3	(0.1)	56.8	(0.8)	23.2	(0.6)
	Norway	9.3	(0.5)	8.5	(0.4)	1.8	(0.2)	0.3	(0.1)	51.3	(0.8)	28.8	(0.8)
	Poland	5.9	(0.3)	8.2	(0.4)	6.3	(0.4)	5.9	(0.4)	52.9	(0.8)	20.9	(0.7)
	Portugal	12.0	(0.5)	15.6	(0.6)	3.6	(0.3)	2.5	(0.3)	45.8	(0.9)	20.5	(0.7)
	Slovak Republic	5.1	(0.6)	4.4	(0.5)	5.0	(0.6)	1.7	(0.3)	58.9	(1.3)	24.8	(1.0)
	Slovenia	8.9	(0.4)	9.6	(0.5)	3.5	(0.3)	4.2	(0.3)	51.7	(0.7)	22.0	(0.6)
	Spain	9.7	(0.5)	10.0	(0.4)	3.3	(0.2)	1.0	(0.1)	50.0	(0.6)	26.1	(0.7)
	Sweden	4.9	(0.4)	6.7	(0.4)	1.7	(0.2)	2.7	(0.3)	65.0	(0.9)	18.9	(0.8)
	Switzerland	6.0	(0.3)	4.4	(0.3)	2.7	(0.2)	2.7	(0.2)	64.7	(0.7)	19.4	(0.6)
	Turkey	11.6	(0.8)	8.8	(0.6)	0.6	(0.2)	0.7	(0.2)	58.1	(1.5)	20.3	(1.0)
	United Kingdom	7.0	(0.3)	9.1	(0.4)	1.8	(0.2)	0.3	(0.1)	67.2	(0.7)	14.6	(0.6)
	United States	9.3	(0.5)	19.3	(0.6)	1.7	(0.2)	1.8	(0.2)	52.0	(0.8)	15.9	(0.7)
	OECD average	8.1	(0.1)	8.7	(0.1)	2.4	(0.0)	1.5	(0.0)	56.3	(0.2)	23.1	(0.1)
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m
	Algeria	m	m	m	m	m	m	m	m	m	m	m	m
	Brazil	8.2	(0.4)	18.2	(0.6)	1.2	(0.2)	5.9	(0.4)	48.3	(0.8)	18.2	(0.7)
	B-S-J-G (China)	m	m	m	m	m	m	m	m	m	m	m	m
	Bulgaria	4.0	(0.3)	13.0	(0.5)	6.0	(0.4)	0.4	(0.1)	46.5	(0.7)	30.3	(0.7)
	CABA (Argentina)	m	m	m	m	m	m	m	m	m	m	m	m
	Colombia	18.0	(0.8)	21.1	(0.7)	4.5	(0.7)	0.6	(0.1)	46.7	(1.0)	9.2	(0.7)
	Costa Rica	m	m	m	m	m	m	m	m	m	m	m	m
	Croatia	3.7	(0.3)	4.8	(0.8)	1.0	(0.2)	4.6	(0.6)	51.6	(1.1)	34.3	(0.9)
	Cyprus*	m	m	m	m	m	m	m	m	m	m	m	m
	Dominican Republic	m	m	m	m	m	m	m	m	m	m	m	m
	FYROM	m	m	m	m	m	m	m	m	m	m	m	m
	Georgia	m	m	m	m	m	m	m	m	m	m	m	m
	Hong Kong (China)	6.2	(0.3)	9.7	(0.5)	2.1	(0.3)	0.5	(0.1)	65.2	(0.9)	16.3	(0.8)
	Indonesia	8.0	(1.3)	13.2	(1.1)	0.6	(0.3)	2.0	(0.8)	51.5	(1.7)	24.6	(1.5)
	Jordan	16.6	(0.8)	19.1	(0.6)	2.4	(0.2)	0.4	(0.1)	34.4	(0.9)	27.2	(1.2)
	Kosovo	m	m	m	m	m	m	m	m	m	m	m	m
	Lebanon	m	m	m	m	m	m	m	m	m	m	m	m
	Lithuania	9.0	(0.5)	5.3	(0.4)	4.1	(0.3)	0.5	(0.1)	54.9	(0.7)	26.1	(0.8)
	Macao (China)	5.5	(0.4)	7.9	(0.4)	1.9	(0.2)	0.1	(0.0)	62.6	(0.7)	22.0	(0.6)
	Malta	m	m	m	m	m	m	m	m	m	m	m	m
	Moldova	m	m	m	m	m	m	m	m	m	m	m	m
	Montenegro	3.0	(0.3)	4.2	(0.3)	0.6	(0.1)	2.0	(0.3)	61.6	(0.9)	28.6	(0.7)
	Peru	m	m	m	m	m	m	m	m	m	m	m	m
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	6.4	(0.6)	6.6	(0.5)	4.3	(0.6)	0.3	(0.1)	72.1	(1.6)	10.3	(1.1)
	Russia	5.3	(0.5)	6.7	(0.4)	5.3	(0.5)	1.1	(0.3)	56.6	(1.0)	25.1	(0.8)
	Singapore	m	m	m	m	m	m	m	m	m	m	m	m
	Chinese Taipei	6.5	(0.3)	7.6	(1.1)	6.9	(0.4)	1.2	(0.2)	59.6	(1.0)	18.3	(0.8)
	Thailand	12.0	(0.6)	14.2	(0.6)	1.9	(0.2)	0.7	(0.1)	35.5	(0.9)	35.8	(1.0)
	Trinidad and Tobago	m	m	m	m	m	m	m	m	m	m	m	m
	Tunisia	10.4	(0.6)	17.5	(0.6)	2.7	(0.4)	0.8	(0.2)	53.8	(1.1)	14.8	(0.9)
	United Arab Emirates	m	m	m	m	m	m	m	m	m	m	m	m
	Uruguay	10.3	(0.7)	13.8	(0.7)	2.1	(0.2)	1.3	(0.3)	53.5	(1.1)	19.2	(0.6)
	Viet Nam	m	m	m	m	m	m	m	m	m	m	m	m
	Argentina**	11.5	(0.8)	11.0	(0.7)	2.0	(0.2)	1.3	(0.2)	59.6	(1.0)	14.7	(1.0)
	Kazakhstan**	m	m	m	m	m	m	m	m	m	m	m	m
	Malaysia**	m	m	m	m	m	m	m	m	m	m	m	m

1. See Annex A1 for the list of science-related occupations.


2. Students who did not reach this question in their questionnaire are not included here.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Results for Belgium in this table refer to the French and German-speaking communities only.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 3/3]

Table I.3.10a Students' career expectations, PISA 2006 and PISA 2015

Results based on students' self-reports

		Change in the percentage of students (PISA 2015 - PISA 2006)											
		Students who expect to work in science-related occupations ¹ at age 30								Students who expect to work in other occupations at age 30		Students with vague career expectations or whose answer is missing or invalid (undecided, does not know...) ²	
		Science and engineering professionals		Health professionals		Information and communication technology professionals		Science-related technicians and associate professionals					
		% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.				
OECD	Australia	0.2	(0.5)	6.0	(0.5)	0.4	(0.2)	0.6	(0.1)	-5.1	(0.7)	-2.1	(0.6)
	Austria	4.5	(0.8)	3.9	(0.6)	1.8	(0.6)	-1.1	(0.5)	0.3	(1.6)	-9.4	(1.1)
	Belgium	0.1	(0.8)	2.4	(1.0)	-0.3	(0.4)	-0.7	(0.3)	2.2	(1.9)	-3.8	(1.1)
	Canada	1.4	(0.5)	3.5	(0.6)	-0.6	(0.3)	-0.1	(0.1)	-8.1	(0.9)	3.8	(0.8)
	Chile	3.4	(1.0)	1.6	(1.1)	-1.4	(0.2)	-0.6	(0.3)	-1.9	(1.3)	-1.1	(1.1)
	Czech Republic	-1.2	(0.7)	4.1	(0.6)	-0.5	(0.5)	0.4	(0.4)	8.0	(1.4)	-10.8	(1.2)
	Denmark	-3.1	(0.5)	1.7	(0.6)	0.8	(0.2)	-0.7	(0.2)	-24.3	(1.1)	25.7	(1.2)
	Estonia	-0.5	(0.7)	3.9	(0.5)	3.8	(0.5)	0.6	(0.1)	2.8	(1.0)	-10.6	(0.9)
	Finland	-0.6	(0.4)	4.6	(0.6)	0.4	(0.2)	-0.4	(0.2)	-3.3	(1.0)	-0.6	(0.9)
	France	1.8	(0.7)	2.3	(0.6)	1.0	(0.3)	-2.4	(0.4)	0.4	(1.4)	-3.1	(1.1)
	Germany	1.4	(0.5)	0.8	(0.4)	1.1	(0.3)	-1.3	(0.3)	-3.1	(1.2)	0.9	(1.2)
	Greece	-2.2	(0.6)	5.7	(0.8)	0.8	(0.4)	-0.5	(0.3)	11.4	(1.2)	-15.2	(1.0)
	Hungary	2.4	(0.8)	1.0	(0.5)	0.5	(0.8)	0.3	(0.2)	5.8	(1.5)	-10.0	(1.0)
	Iceland	-2.6	(0.6)	1.8	(0.8)	2.4	(0.4)	-0.2	(0.1)	0.2	(1.1)	-1.7	(1.0)
	Ireland	-1.1	(0.7)	1.9	(0.8)	2.0	(0.3)	0.7	(0.2)	0.5	(1.2)	-4.0	(1.0)
	Israel	4.3	(0.6)	6.4	(0.9)	-0.5	(0.4)	-0.1	(0.2)	15.9	(1.1)	-26.0	(1.3)
	Italy	-3.0	(1.0)	0.1	(0.8)	-0.1	(0.3)	0.4	(0.3)	-0.6	(1.4)	3.3	(0.9)
	Japan	-0.4	(0.6)	2.1	(1.1)	2.4	(0.3)	0.9	(0.1)	8.7	(1.4)	-13.7	(1.3)
	Korea	-1.6	(0.8)	1.7	(0.6)	0.2	(0.4)	1.8	(0.3)	-3.6	(1.2)	1.5	(0.6)
	Latvia	-1.3	(0.6)	5.4	(0.5)	0.5	(0.4)	-0.2	(0.2)	2.9	(1.4)	-7.4	(1.2)
	Luxembourg	0.3	(0.5)	0.3	(0.6)	0.7	(0.3)	0.1	(0.2)	1.2	(1.0)	-2.6	(0.8)
	Mexico	2.7	(0.8)	7.2	(0.8)	-1.2	(0.3)	0.5	(0.1)	7.8	(0.9)	-16.9	(0.8)
	Netherlands	1.5	(0.4)	0.3	(0.6)	0.7	(0.3)	0.2	(0.2)	-8.9	(1.1)	6.2	(0.8)
	New Zealand	1.1	(0.6)	2.3	(0.7)	1.0	(0.3)	0.3	(0.1)	-5.7	(1.1)	1.0	(0.8)
	Norway	2.1	(0.8)	3.4	(0.6)	-0.6	(0.3)	3.9	(0.3)	-1.0	(1.2)	-7.8	(1.2)
	Poland	0.5	(0.5)	4.1	(0.8)	-4.9	(0.4)	-4.9	(0.4)	12.8	(1.3)	-7.5	(0.9)
	Portugal	-0.1	(0.7)	-1.9	(0.8)	-2.0	(0.4)	-2.1	(0.3)	8.7	(1.3)	-2.5	(1.0)
	Slovak Republic	-1.4	(0.7)	5.0	(0.7)	-2.2	(0.7)	0.6	(0.4)	-0.8	(1.7)	-1.2	(1.4)
Slovenia	-1.7	(0.6)	2.7	(0.7)	-0.6	(0.3)	4.3	(0.5)	1.3	(1.1)	-5.9	(0.8)	
Spain	1.4	(0.7)	3.3	(0.6)	0.3	(0.3)	-0.3	(0.1)	10.6	(0.9)	-15.3	(0.8)	
Sweden	0.8	(0.5)	2.1	(0.7)	1.0	(0.3)	0.3	(0.4)	-6.4	(1.2)	2.3	(1.0)	
Switzerland	0.2	(0.6)	3.4	(0.6)	-0.3	(0.3)	0.4	(0.3)	-6.2	(1.3)	2.6	(1.0)	
Turkey	5.5	(1.4)	3.0	(1.0)	-0.2	(0.2)	-0.2	(0.2)	6.2	(2.0)	-14.2	(1.1)	
United Kingdom	5.7	(0.6)	4.4	(0.6)	0.8	(0.3)	0.0	(0.1)	-13.8	(1.1)	2.8	(1.0)	
United States	3.7	(0.8)	2.8	(0.9)	0.4	(0.3)	-1.1	(0.2)	-3.1	(1.2)	-2.7	(1.0)	
OECD average	0.7	(0.1)	3.0	(0.1)	0.2	(0.1)	0.0	(0.0)	0.4	(0.2)	-4.2	(0.2)	
Partners	Albania	m	m	m	m	m	m	m	m	m	m	m	m
	Algeria	m	m	m	m	m	m	m	m	m	m	m	m
	Brazil	8.1	(0.7)	2.7	(0.7)	-0.1	(0.2)	-5.5	(0.4)	-5.9	(1.0)	0.7	(1.1)
	B-S-J-G (China)	m	m	m	m	m	m	m	m	m	m	m	m
	Bulgaria	1.5	(0.6)	-1.3	(0.9)	2.4	(1.0)	1.6	(0.3)	0.9	(1.4)	-5.1	(1.3)
	CABA (Argentina)	m	m	m	m	m	m	m	m	m	m	m	m
	Colombia	-5.8	(0.9)	1.4	(1.0)	-0.4	(0.7)	0.5	(0.2)	5.2	(1.3)	-0.9	(0.9)
	Costa Rica	m	m	m	m	m	m	m	m	m	m	m	m
	Croatia	2.4	(0.7)	6.1	(1.1)	2.0	(0.4)	-0.5	(0.7)	7.6	(1.6)	-17.7	(1.1)
	Cyprus*	m	m	m	m	m	m	m	m	m	m	m	m
	Dominican Republic	m	m	m	m	m	m	m	m	m	m	m	m
	FYROM	m	m	m	m	m	m	m	m	m	m	m	m
	Georgia	m	m	m	m	m	m	m	m	m	m	m	m
	Hong Kong (China)	2.3	(0.5)	3.3	(0.8)	-0.4	(0.3)	-0.2	(0.1)	-8.6	(1.2)	3.6	(1.2)
	Indonesia	-6.1	(1.3)	-0.5	(1.3)	0.0	(0.3)	-1.9	(0.8)	13.8	(2.0)	-5.2	(1.8)
	Jordan	4.5	(1.0)	2.5	(1.1)	-2.2	(0.2)	0.5	(0.2)	15.7	(1.4)	-21.0	(1.2)
	Kosovo	m	m	m	m	m	m	m	m	m	m	m	m
	Lebanon	m	m	m	m	m	m	m	m	m	m	m	m
	Lithuania	-0.7	(0.7)	5.1	(0.5)	0.7	(0.4)	-0.2	(0.1)	-0.2	(1.0)	-4.8	(1.1)
	Macao (China)	-0.1	(0.5)	4.4	(0.7)	0.6	(0.3)	0.4	(0.1)	6.4	(1.1)	-11.8	(0.7)
	Malta	m	m	m	m	m	m	m	m	m	m	m	m
	Moldova	m	m	m	m	m	m	m	m	m	m	m	m
	Montenegro	3.9	(0.4)	5.8	(0.5)	1.5	(0.2)	0.3	(0.3)	-0.5	(1.1)	-10.9	(0.9)
	Peru	m	m	m	m	m	m	m	m	m	m	m	m
	Qatar	m	m	m	m	m	m	m	m	m	m	m	m
	Romania	-0.4	(0.8)	4.9	(0.8)	0.8	(0.7)	0.3	(0.2)	-15.3	(2.0)	9.8	(1.5)
	Russia	3.1	(0.6)	3.1	(0.7)	-1.3	(0.5)	0.2	(0.3)	0.5	(1.5)	-5.7	(1.4)
	Singapore	m	m	m	m	m	m	m	m	m	m	m	m
	Chinese Taipei	1.4	(0.6)	-0.4	(1.2)	-3.5	(0.4)	1.2	(0.3)	-1.3	(1.3)	2.5	(1.0)
	Thailand	-8.0	(0.6)	-0.1	(0.8)	-0.5	(0.3)	-0.4	(0.2)	18.3	(1.2)	-9.2	(1.3)
	Trinidad and Tobago	m	m	m	m	m	m	m	m	m	m	m	m
	Tunisia	0.3	(0.8)	4.7	(1.0)	-1.2	(0.5)	-0.8	(0.2)	-7.4	(1.4)	4.4	(1.4)
United Arab Emirates	m	m	m	m	m	m	m	m	m	m	m	m	
Uruguay	-1.4	(0.8)	2.7	(0.8)	0.0	(0.5)	-0.5	(0.3)	1.4	(1.4)	-2.2	(0.8)	
Viet Nam	m	m	m	m	m	m	m	m	m	m	m	m	
Argentina**	-1.7	(1.0)	1.2	(0.9)	-1.2	(0.3)	-0.4	(0.3)	4.5	(1.5)	-2.3	(1.1)	
Kazakhstan**	m	m	m	m	m	m	m	m	m	m	m	m	
Malaysia**	m	m	m	m	m	m	m	m	m	m	m	m	

1. See Annex A1 for the list of science-related occupations.


2. Students who did not reach this question in their questionnaire are not included here.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Results for Belgium in this table refer to the French and German-speaking communities only.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/2]

Table I.3.10b Students expecting to work in science-related occupations,¹ by gender and performance in science

Results based on students' self-reports

	Students who expect to work in science-related occupations at age 30													
	All students		Boys		Girls		Increased likelihood of boys expecting that they will work in science-related occupations		Low achievers in science (students performing below Level 2)		Moderate performers in science (students performing at Level 2 or 3)		Strong performers in science (students performing at Level 4)	
	%	S.E.	%	S.E.	%	S.E.	Relative risk	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD														
Australia	29.2	(0.6)	30.3	(0.8)	28.2	(0.7)	1.1	(0.0)	13.6	(1.0)	26.6	(0.7)	38.0	(1.5)
Austria	22.3	(1.0)	26.6	(1.7)	18.0	(1.0)	1.5	(0.1)	12.2	(1.5)	21.9	(1.2)	28.9	(2.2)
Belgium	24.5	(1.0)	25.3	(1.5)	23.6	(1.2)	1.1	(0.1)	9.6	(1.3)	23.5	(1.2)	37.0	(2.2)
Canada	33.9	(0.6)	31.2	(0.8)	36.5	(0.8)	0.9	(0.0)	17.8	(1.3)	29.8	(0.8)	41.1	(1.1)
Chile	37.9	(0.8)	36.9	(1.0)	39.0	(1.2)	0.9	(0.0)	28.9	(1.4)	40.9	(1.1)	52.3	(2.3)
Czech Republic	16.9	(0.7)	18.6	(0.9)	15.0	(0.9)	1.2	(0.1)	4.1	(0.8)	15.3	(0.9)	27.1	(1.9)
Denmark	14.8	(0.6)	11.8	(0.7)	17.7	(0.7)	0.7	(0.0)	9.1	(1.3)	13.8	(0.8)	18.2	(1.5)
Estonia	24.7	(0.6)	28.9	(0.9)	20.3	(0.8)	1.4	(0.1)	13.7	(2.0)	20.8	(0.9)	28.8	(1.4)
Finland	17.0	(0.6)	15.4	(0.7)	18.7	(0.8)	0.8	(0.0)	4.7	(1.1)	12.5	(0.7)	22.5	(1.4)
France	21.2	(0.6)	23.6	(0.9)	18.7	(0.8)	1.3	(0.1)	7.5	(0.9)	17.3	(0.9)	34.1	(1.4)
Germany	15.3	(0.5)	17.4	(0.8)	13.2	(0.6)	1.3	(0.1)	6.0	(1.0)	11.9	(0.7)	21.5	(1.4)
Greece	25.3	(0.8)	25.7	(1.0)	24.9	(1.0)	1.0	(0.1)	15.7	(1.3)	26.6	(1.0)	40.8	(2.7)
Hungary	18.3	(0.9)	23.9	(1.4)	12.8	(0.8)	1.9	(0.2)	6.4	(1.0)	17.6	(1.0)	32.0	(2.0)
Iceland	23.8	(0.8)	20.1	(1.0)	27.3	(1.1)	0.7	(0.0)	15.6	(1.4)	23.2	(1.2)	34.2	(2.7)
Ireland	27.3	(0.7)	28.0	(0.9)	26.6	(1.0)	1.1	(0.0)	14.1	(1.5)	25.0	(0.9)	37.4	(1.8)
Israel	27.8	(0.7)	26.1	(0.9)	29.5	(1.0)	0.9	(0.0)	22.3	(1.3)	29.2	(1.1)	32.1	(2.1)
Italy	22.6	(1.0)	24.7	(1.1)	20.6	(1.2)	1.2	(0.1)	11.1	(1.1)	22.5	(1.2)	34.6	(2.6)
Japan	18.0	(0.7)	18.5	(1.0)	17.5	(0.7)	1.1	(0.1)	8.3	(1.5)	14.9	(0.9)	22.0	(1.3)
Korea	19.3	(0.7)	21.7	(1.0)	16.7	(1.0)	1.3	(0.1)	9.7	(1.3)	15.8	(0.9)	23.2	(1.6)
Latvia	21.3	(0.6)	21.1	(0.9)	21.5	(0.9)	1.0	(0.1)	11.9	(1.4)	19.9	(0.8)	30.5	(1.9)
Luxembourg	21.1	(0.6)	24.3	(0.9)	18.0	(0.7)	1.4	(0.1)	9.5	(1.0)	19.6	(0.7)	33.2	(1.8)
Mexico	40.7	(0.8)	45.4	(1.1)	35.8	(1.0)	1.3	(0.0)	36.4	(1.1)	44.1	(1.1)	55.4	(4.9)
Netherlands	16.3	(0.6)	16.9	(0.8)	15.7	(0.7)	1.1	(0.1)	6.1	(1.1)	12.7	(0.7)	24.5	(1.5)
New Zealand	24.8	(0.8)	21.7	(0.8)	27.9	(1.1)	0.8	(0.0)	11.2	(1.4)	22.3	(1.0)	32.5	(1.8)
Norway	28.6	(0.8)	28.9	(1.1)	28.4	(0.9)	1.0	(0.0)	19.1	(1.4)	27.1	(1.0)	36.6	(2.1)
Poland	21.0	(0.8)	15.4	(0.9)	26.8	(1.1)	0.6	(0.0)	7.4	(1.1)	19.2	(1.0)	31.3	(2.2)
Portugal	27.5	(0.8)	26.7	(0.9)	28.3	(1.1)	0.9	(0.0)	10.9	(1.3)	23.2	(1.0)	42.2	(1.9)
Slovak Republic	18.8	(0.8)	18.5	(0.8)	19.0	(1.1)	1.0	(0.1)	7.5	(0.8)	19.8	(1.0)	32.6	(2.1)
Slovenia	30.8	(0.7)	34.6	(1.0)	26.8	(0.9)	1.3	(0.1)	15.8	(1.4)	30.1	(1.0)	37.4	(2.0)
Spain	28.6	(0.7)	29.5	(0.9)	27.8	(0.9)	1.1	(0.0)	14.0	(1.1)	25.7	(0.9)	44.4	(1.6)
Sweden	20.2	(0.6)	21.8	(0.9)	18.5	(0.9)	1.2	(0.1)	11.0	(1.2)	17.8	(0.8)	29.4	(1.9)
Switzerland	19.5	(0.7)	19.8	(1.1)	19.1	(0.9)	1.0	(0.1)	8.4	(1.2)	18.1	(1.0)	26.7	(1.7)
Turkey	29.7	(1.3)	34.5	(1.8)	24.9	(1.2)	1.4	(0.1)	20.8	(1.5)	35.6	(1.6)	48.4	(3.9)
United Kingdom	29.1	(0.7)	28.7	(1.1)	29.6	(1.1)	1.0	(0.1)	18.4	(1.3)	26.9	(1.1)	35.5	(1.5)
United States	38.0	(0.8)	33.0	(1.1)	43.0	(1.1)	0.8	(0.0)	28.1	(1.5)	36.7	(1.0)	45.8	(2.3)
OECD average	24.5	(0.1)	25.0	(0.2)	23.9	(0.2)	1.1	(0.0)	13.3	(0.2)	23.1	(0.2)	34.1	(0.4)
Partners														
Albania	24.8	(0.8)	25.3	(1.1)	24.3	(0.8)	1.0	(0.0)	m	m	m	m	m	m
Algeria	26.0	(0.8)	23.1	(0.9)	29.2	(1.2)	0.8	(0.0)	22.9	(0.8)	32.4	(1.9)	60.9	(9.6)
Brazil	38.8	(0.7)	34.4	(1.0)	42.8	(0.6)	0.8	(0.0)	33.3	(0.7)	44.9	(1.2)	53.9	(2.9)
B-S-J-G (China)	16.8	(0.7)	17.1	(0.9)	16.5	(0.8)	1.0	(0.1)	9.6	(1.0)	13.7	(0.8)	20.9	(1.5)
Bulgaria	27.5	(1.4)	28.8	(1.7)	25.9	(1.6)	1.1	(0.1)	14.3	(1.1)	32.5	(1.6)	44.5	(3.2)
CABA (Argentina)	27.8	(1.5)	26.2	(2.1)	29.3	(1.7)	0.9	(0.1)	23.4	(2.9)	27.3	(1.9)	35.3	(4.5)
Colombia	39.7	(0.8)	37.1	(1.0)	42.0	(1.0)	0.9	(0.0)	37.3	(1.1)	41.9	(1.0)	42.4	(3.8)
Costa Rica	44.0	(0.9)	43.8	(1.1)	44.2	(1.1)	1.0	(0.0)	40.7	(1.2)	46.3	(1.1)	54.7	(4.6)
Croatia	24.2	(1.1)	26.8	(1.3)	21.8	(1.4)	1.2	(0.1)	8.8	(1.1)	24.6	(1.5)	41.0	(2.1)
Cyprus*	29.9	(0.7)	29.3	(0.8)	30.5	(1.0)	1.0	(0.0)	18.0	(0.9)	36.2	(1.0)	49.2	(3.8)
Dominican Republic	45.7	(1.0)	44.7	(1.2)	46.8	(1.4)	1.0	(0.0)	44.7	(1.1)	51.7	(2.5)	c	c
FYROM	24.2	(0.6)	20.0	(0.7)	28.8	(0.9)	0.7	(0.0)	19.5	(0.7)	31.3	(1.2)	44.1	(6.0)
Georgia	17.0	(0.6)	16.4	(0.8)	17.7	(0.9)	0.9	(0.1)	14.5	(0.8)	18.6	(0.9)	25.9	(4.0)
Hong Kong (China)	23.6	(0.7)	22.9	(0.9)	24.2	(1.0)	0.9	(0.1)	10.9	(1.6)	20.1	(1.0)	30.3	(1.5)
Indonesia	15.3	(0.7)	8.6	(0.9)	22.1	(1.1)	0.4	(0.0)	13.1	(0.9)	17.7	(1.1)	30.9	(5.9)
Jordan	43.7	(1.2)	44.6	(1.4)	42.8	(1.9)	1.0	(0.1)	30.5	(1.3)	55.6	(1.3)	74.0	(3.8)
Kosovo	26.4	(0.7)	24.7	(0.9)	28.1	(1.1)	0.9	(0.0)	20.5	(0.8)	38.2	(1.6)	c	c
Lebanon	39.7	(1.0)	41.0	(1.3)	38.5	(1.4)	1.1	(0.0)	30.7	(1.4)	53.5	(1.7)	65.0	(5.6)
Lithuania	23.9	(0.7)	22.5	(1.0)	25.4	(0.7)	0.9	(0.0)	11.5	(1.1)	23.7	(0.9)	38.9	(2.1)
Macao (China)	20.8	(0.6)	22.0	(0.8)	19.6	(0.9)	1.1	(0.1)	8.6	(1.8)	17.1	(0.8)	26.8	(1.5)
Malta	25.4	(0.7)	30.2	(1.0)	20.4	(0.9)	1.5	(0.1)	10.6	(1.0)	23.7	(1.2)	43.9	(2.5)
Moldova	22.0	(0.8)	22.5	(1.1)	21.3	(0.9)	1.1	(0.1)	13.1	(0.9)	27.3	(1.3)	37.4	(3.4)
Montenegro	21.2	(0.5)	20.1	(0.6)	22.4	(0.7)	0.9	(0.0)	15.3	(0.7)	25.9	(0.9)	39.0	(3.6)
Peru	38.7	(0.8)	42.7	(1.1)	34.6	(0.9)	1.2	(0.0)	33.1	(0.9)	46.3	(1.2)	50.6	(7.5)
Qatar	38.0	(0.5)	36.3	(0.7)	39.9	(0.7)	0.9	(0.0)	26.1	(0.7)	48.5	(0.9)	55.7	(2.1)
Romania	23.1	(1.0)	23.3	(1.4)	23.0	(1.2)	1.0	(0.1)	11.7	(1.1)	27.9	(1.4)	48.9	(3.9)
Russia	23.5	(0.6)	23.2	(1.0)	23.8	(0.8)	1.0	(0.1)	17.0	(1.2)	22.7	(0.9)	30.8	(1.7)
Singapore	28.0	(0.6)	31.8	(1.0)	23.9	(0.9)	1.3	(0.1)	18.1	(1.9)	23.6	(1.0)	29.0	(1.2)
Chinese Taipei	20.9	(0.8)	25.6	(0.9)	16.0	(1.0)	1.6	(0.1)	8.0	(1.1)	16.3	(0.9)	25.4	(1.5)
Thailand	19.7	(0.7)	12.4	(1.0)	25.2	(0.9)	0.5	(0.0)	11.5	(0.8)	24.5	(0.9)	48.5	(3.5)
Trinidad and Tobago	27.8	(0.6)	24.6	(0.7)	31.0	(0.9)	0.8	(0.0)	18.2	(0.9)	32.1	(1.2)	54.3	(4.1)
Tunisia	34.4	(0.9)	28.5	(1.0)	39.5	(1.1)	0.7	(0.0)	27.6	(1.1)	47.0	(1.6)	63.9	(10.9)
United Arab Emirates	41.3	(0.5)	39.9	(0.8)	42.6	(0.8)	0.9	(0.0)	30.9	(0.9)	47.0	(1.0)	54.1	(2.2)
Uruguay	28.1	(0.7)	23.8	(0.8)	31.9	(1.0)	0.7	(0.0)	20.5	(1.0)	31.3	(0.9)	42.9	(3.0)
Viet Nam	19.6	(0.8)	21.2	(1.1)	18.1	(0.9)	1.2	(0.1)	13.7	(3.7)	16.6	(0.9)	24.4	(1.5)
Argentina**	23.6	(0.9)	23.4	(1.1)	23.8	(1.0)	1.0	(0.0)	17.4	(1.1)	26.7	(1.2)	35.1	(4.1)
Kazakhstan**	28.9	(1.0)	28.4	(1.2)	29.6	(1.4)	1.0	(0.1)	25.7	(1.7)	29.2	(1.2)	36.0	(3.2)
Malaysia**	29.0	(0.9)	29.4	(1.2)	28.8	(1.0)	1.0	(0.0)	16.6	(1.2)	33.7	(1.0)	50.7	(2.9)


1. See Annex A1 for the list of science-related occupations.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Results for Belgium in this table refer to the French and German-speaking communities only.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 2/2]

Table I.3.10b Students expecting to work in science-related occupations,¹ by gender and performance in science

Results based on students' self-reports

	Students who expect to work in science-related occupations at age 30											
	Top performers in science (students performing at Level 5 or above)		Increased likelihood of top performers in science expecting that they will work in science-related occupations		Students whose parents have not completed secondary education		Students whose parents attained secondary education as their highest level of education		Students whose father or mother completed tertiary education		Increased likelihood of students with at least one tertiary-educated parent expecting that they will work in science-related occupations	
	%	S.E.	Relative risk	S.E.	%	S.E.	%	S.E.	%	S.E.	Relative risk	S.E.
OECD												
Australia	47.9	(1.7)	1.8	(0.1)	21.9	(1.7)	23.6	(0.8)	34.2	(0.8)	1.5	(0.1)
Austria	35.2	(3.2)	1.7	(0.2)	17.7	(3.0)	20.3	(1.2)	24.8	(1.3)	1.2	(0.1)
Belgium	46.0	(4.5)	2.0	(0.2)	23.1	(2.6)	19.5	(1.6)	27.0	(1.2)	1.3	(0.1)
Canada	49.7	(1.4)	1.6	(0.1)	21.8	(2.6)	26.1	(1.0)	37.1	(0.7)	1.5	(0.1)
Chile	55.7	(6.5)	1.5	(0.2)	32.5	(1.8)	37.3	(1.2)	42.5	(1.1)	1.2	(0.0)
Czech Republic	35.2	(2.6)	2.3	(0.2)	12.7	(2.0)	15.0	(0.8)	21.9	(1.0)	1.5	(0.1)
Denmark	24.9	(2.8)	1.8	(0.2)	11.8	(1.3)	15.2	(1.3)	15.4	(0.7)	1.1	(0.1)
Estonia	38.4	(2.0)	1.7	(0.1)	16.2	(3.3)	21.8	(1.0)	27.2	(0.8)	1.3	(0.1)
Finland	31.5	(2.0)	2.2	(0.2)	9.4	(2.8)	8.3	(1.0)	19.3	(0.7)	2.3	(0.3)
France	47.8	(2.4)	2.5	(0.2)	15.7	(1.7)	16.7	(1.0)	25.2	(0.8)	1.5	(0.1)
Germany	32.4	(2.0)	2.4	(0.2)	11.8	(0.9)	15.3	(1.2)	20.8	(0.8)	1.5	(0.1)
Greece	58.0	(5.5)	2.4	(0.2)	17.3	(2.4)	21.6	(1.2)	28.9	(1.0)	1.4	(0.1)
Hungary	45.0	(4.0)	2.6	(0.3)	5.5	(1.7)	15.9	(1.1)	22.4	(1.1)	1.5	(0.1)
Iceland	48.1	(5.4)	2.1	(0.3)	19.9	(3.2)	20.4	(1.8)	25.7	(0.9)	1.3	(0.1)
Ireland	45.7	(3.3)	1.8	(0.1)	16.8	(1.9)	24.1	(1.1)	30.1	(0.9)	1.3	(0.1)
Israel	35.7	(2.8)	1.3	(0.1)	23.0	(2.9)	26.0	(1.2)	29.7	(0.8)	1.2	(0.1)
Italy	39.3	(3.9)	1.8	(0.2)	17.0	(1.3)	23.6	(1.4)	25.3	(1.3)	1.2	(0.1)
Japan	26.1	(1.9)	1.6	(0.1)	12.4	(3.4)	15.4	(1.0)	20.2	(0.8)	1.3	(0.1)
Korea	40.5	(2.7)	2.4	(0.2)	14.1	(2.8)	17.4	(0.9)	21.0	(1.0)	1.2	(0.1)
Latvia	43.9	(4.9)	2.2	(0.3)	17.0	(4.5)	16.1	(1.0)	24.7	(0.8)	1.5	(0.1)
Luxembourg	45.1	(3.1)	2.3	(0.2)	14.4	(1.3)	19.3	(1.2)	24.4	(0.8)	1.4	(0.1)
Mexico	c	c	1.5	(0.5)	38.1	(1.0)	40.8	(1.6)	44.9	(1.2)	1.2	(0.0)
Netherlands	30.5	(2.0)	2.1	(0.2)	14.7	(2.4)	13.7	(1.0)	17.9	(0.7)	1.3	(0.1)
New Zealand	39.6	(2.4)	1.8	(0.1)	16.1	(2.6)	21.4	(1.2)	30.1	(1.1)	1.5	(0.1)
Norway	41.7	(3.0)	1.5	(0.1)	20.8	(3.9)	23.9	(1.4)	31.7	(0.9)	1.3	(0.1)
Poland	36.6	(3.6)	1.9	(0.2)	14.1	(2.2)	18.6	(1.0)	31.2	(1.6)	1.7	(0.1)
Portugal	56.0	(2.9)	2.2	(0.1)	21.1	(0.9)	29.2	(1.3)	35.0	(1.2)	1.4	(0.1)
Slovak Republic	41.0	(4.3)	2.3	(0.3)	3.4	(1.6)	17.4	(1.0)	22.4	(1.0)	1.3	(0.1)
Slovenia	40.8	(3.4)	1.4	(0.1)	24.3	(5.7)	29.7	(1.0)	32.6	(1.0)	1.1	(0.1)
Spain	56.0	(3.4)	2.1	(0.1)	22.3	(1.3)	27.9	(1.4)	32.3	(0.9)	1.3	(0.1)
Sweden	37.3	(3.4)	2.0	(0.2)	16.1	(2.4)	16.5	(1.1)	22.3	(0.8)	1.4	(0.1)
Switzerland	30.7	(2.5)	1.7	(0.1)	16.5	(1.3)	16.2	(1.1)	21.7	(1.0)	1.3	(0.1)
Turkey	c	c	1.8	(0.5)	27.8	(1.5)	29.9	(1.9)	33.1	(1.7)	1.2	(0.1)
United Kingdom	43.8	(2.2)	1.6	(0.1)	33.7	(3.5)	26.5	(0.9)	32.0	(1.0)	1.2	(0.1)
United States	51.2	(3.3)	1.4	(0.1)	34.9	(2.1)	34.4	(1.2)	40.7	(1.0)	1.2	(0.0)
OECD average	41.7	(0.6)	1.9	(0.0)	18.7	(0.4)	21.9	(0.2)	27.9	(0.2)	1.4	(0.0)
Partners												
Albania	m	m	m	m	17.4	(1.3)	23.1	(0.8)	32.5	(1.4)	1.5	(0.1)
Algeria	c	m	m	m	23.1	(1.2)	26.5	(1.0)	29.5	(1.9)	1.2	(0.1)
Brazil	53.2	(7.5)	1.4	(0.2)	36.5	(0.9)	42.7	(0.7)	43.4	(1.0)	1.1	(0.0)
B-S-J-G (China)	28.9	(2.1)	1.9	(0.2)	15.0	(0.7)	16.9	(1.2)	21.4	(1.2)	1.4	(0.1)
Bulgaria	48.7	(6.5)	1.8	(0.2)	13.7	(2.9)	23.2	(1.4)	32.6	(1.7)	1.5	(0.1)
CABA (Argentina)	34.2	(10.0)	1.2	(0.4)	29.3	(2.4)	23.6	(2.7)	29.8	(1.3)	1.1	(0.1)
Colombia	47.0	(10.5)	1.2	(0.3)	38.5	(1.7)	39.7	(1.4)	41.3	(0.8)	1.1	(0.0)
Costa Rica	c	c	1.4	(0.5)	40.2	(1.4)	46.2	(1.7)	47.2	(1.0)	1.1	(0.0)
Croatia	52.1	(3.8)	2.3	(0.2)	10.6	(2.3)	21.4	(1.2)	27.8	(1.4)	1.3	(0.1)
Cyprus*	54.2	(7.0)	1.8	(0.2)	20.1	(2.9)	28.1	(1.0)	32.6	(0.9)	1.2	(0.1)
Dominican Republic	c	c	m	m	46.3	(1.8)	46.5	(1.4)	45.8	(1.4)	1.0	(0.0)
FYROM	c	c	1.9	(1.0)	19.7	(1.7)	22.8	(1.0)	26.2	(0.9)	1.2	(0.1)
Georgia	33.4	(8.4)	2.0	(0.5)	9.3	(3.3)	15.4	(0.8)	18.6	(0.8)	1.2	(0.1)
Hong Kong (China)	41.3	(2.7)	1.9	(0.1)	20.6	(1.5)	22.1	(0.9)	31.2	(1.5)	1.4	(0.1)
Indonesia	c	c	1.8	(1.4)	11.7	(0.8)	18.8	(1.0)	20.3	(1.3)	1.4	(0.1)
Jordan	c	c	1.8	(0.4)	28.2	(2.2)	37.3	(1.7)	52.3	(1.1)	1.5	(0.1)
Kosovo	c	c	m	m	18.4	(2.5)	22.3	(1.1)	30.7	(1.0)	1.4	(0.1)
Lebanon	c	c	1.7	(0.4)	34.6	(2.3)	39.1	(1.5)	43.3	(1.8)	1.2	(0.1)
Lithuania	45.4	(4.0)	2.0	(0.2)	6.8	(3.4)	16.9	(0.9)	28.2	(0.8)	1.7	(0.1)
Macao (China)	35.5	(2.6)	1.8	(0.2)	19.8	(1.0)	18.6	(0.9)	24.8	(1.3)	1.3	(0.1)
Malta	61.6	(3.1)	2.8	(0.2)	17.8	(1.1)	24.6	(1.2)	32.0	(1.2)	1.5	(0.1)
Moldova	38.5	(10.4)	1.8	(0.5)	9.4	(1.5)	21.4	(1.1)	25.6	(1.0)	1.3	(0.1)
Montenegro	c	c	2.5	(0.6)	16.2	(3.2)	19.4	(0.9)	22.7	(0.7)	1.2	(0.1)
Peru	c	c	1.4	(0.6)	31.8	(1.7)	36.0	(1.0)	43.5	(1.1)	1.3	(0.0)
Qatar	58.5	(5.0)	1.6	(0.1)	28.6	(1.7)	33.9	(1.3)	40.1	(0.5)	1.2	(0.0)
Romania	62.8	(10.3)	2.7	(0.5)	13.3	(2.4)	18.1	(1.2)	28.7	(1.4)	1.6	(0.1)
Russia	37.6	(4.7)	1.6	(0.2)	22.0	(5.8)	22.1	(3.9)	24.6	(0.7)	1.1	(0.2)
Singapore	37.8	(1.6)	1.5	(0.1)	23.2	(2.0)	26.0	(1.0)	30.1	(0.9)	1.2	(0.1)
Chinese Taipei	36.8	(1.9)	2.0	(0.1)	14.7	(1.4)	18.3	(1.1)	23.3	(1.0)	1.3	(0.1)
Thailand	58.2	(11.0)	3.0	(0.6)	17.0	(0.9)	20.0	(0.9)	26.0	(1.6)	1.4	(0.1)
Trinidad and Tobago	65.2	(8.6)	2.4	(0.3)	25.7	(2.2)	27.2	(0.9)	31.2	(1.0)	1.2	(0.1)
Tunisia	c	c	m	m	26.7	(1.6)	35.6	(1.0)	40.9	(1.2)	1.2	(0.0)
United Arab Emirates	58.3	(3.5)	1.4	(0.1)	32.7	(2.1)	37.5	(1.1)	44.1	(0.6)	1.2	(0.0)
Uruguay	55.6	(7.4)	2.0	(0.3)	22.3	(1.0)	30.5	(1.0)	33.9	(1.2)	1.3	(0.1)
Viet Nam	32.9	(2.9)	1.8	(0.2)	18.3	(1.0)	20.8	(1.3)	27.1	(2.2)	1.4	(0.1)
Argentina**	52.0	(10.9)	2.2	(0.5)	19.2	(1.0)	22.9	(1.8)	27.6	(1.1)	1.3	(0.1)
Kazakhstan**	37.3	(6.4)	1.3	(0.2)	22.4	(5.3)	27.7	(2.1)	29.2	(1.1)	1.1	(0.1)
Malaysia**	55.5	(10.6)	1.9	(0.4)	19.6	(1.6)	30.0	(1.0)	33.7	(1.5)	1.2	(0.1)

1. See Annex A1 for the list of science-related occupations.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Results for Belgium in this table refer to the French and German-speaking communities only.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

StatLink <http://dx.doi.org/10.1787/88893433183>



[Part 2/2]

Table I.3.11a Students expecting to work as science and engineering professionals,¹ by gender and performance in science

Results based on students' self-reports

		Students who expect to work as science and engineering professionals at age 30											
		Top performers in science (students performing at Level 5 or above)		Increased likelihood of top performers in science expecting that they will work in science-related occupations		Students whose parents have not completed secondary education		Students whose parents attained secondary education as their highest level of education		Students whose father or mother completed tertiary education		Increased likelihood of students with at least one tertiary-educated parent expecting that they will work in science-related occupations	
		%	S.E.	Relative risk	S.E.	%	S.E.	%	S.E.	%	S.E.	Relative risk	S.E.
OECD	Australia	22.5	(1.5)	2.7	(0.2)	5.5	(0.9)	8.3	(0.6)	11.8	(0.5)	1.5	(0.1)
	Austria	14.3	(1.9)	1.7	(0.3)	7.5	(2.4)	8.9	(0.9)	9.4	(0.7)	1.1	(0.1)
	Belgium	25.6	(3.6)	3.4	(0.5)	5.7	(2.0)	7.0	(0.7)	9.7	(0.7)	1.5	(0.1)
	Canada	21.3	(1.3)	2.0	(0.2)	9.4	(2.0)	8.3	(0.6)	13.4	(0.4)	1.6	(0.1)
	Chile	26.4	(6.4)	1.5	(0.4)	13.5	(1.5)	18.4	(1.0)	19.8	(0.7)	1.2	(0.1)
	Czech Republic	9.7	(1.6)	2.7	(0.5)	5.0	(1.3)	3.6	(0.4)	4.9	(0.6)	1.3	(0.2)
	Denmark	9.2	(1.8)	2.6	(0.5)	2.6	(1.0)	3.3	(0.7)	4.3	(0.4)	1.4	(0.3)
	Estonia	15.2	(1.7)	2.3	(0.3)	4.5	(1.3)	5.7	(0.7)	9.0	(0.6)	1.6	(0.2)
	Finland	8.5	(1.2)	2.8	(0.5)	3.9	(1.8)	2.3	(0.5)	4.3	(0.3)	1.7	(0.4)
	France	21.5	(1.8)	3.1	(0.3)	5.6	(1.2)	5.7	(0.6)	10.2	(0.6)	1.8	(0.2)
	Germany	16.6	(1.6)	3.0	(0.3)	4.1	(0.6)	6.2	(0.7)	10.1	(0.6)	1.9	(0.2)
	Greece	25.6	(4.5)	2.8	(0.5)	6.3	(1.2)	7.7	(0.8)	11.0	(0.5)	1.5	(0.2)
	Hungary	24.8	(3.2)	3.7	(0.5)	2.5	(1.0)	6.8	(0.7)	9.0	(0.8)	1.4	(0.1)
	Iceland	23.6	(4.3)	4.0	(0.8)	5.8	(1.8)	4.1	(0.8)	7.6	(0.6)	1.7	(0.3)
	Ireland	18.7	(2.3)	2.3	(0.3)	5.3	(1.2)	6.8	(0.7)	10.2	(0.5)	1.5	(0.1)
	Israel	14.3	(2.4)	1.7	(0.3)	5.8	(1.9)	7.3	(0.8)	9.9	(0.5)	1.4	(0.2)
	Italy	22.6	(3.2)	2.7	(0.4)	6.6	(0.7)	9.2	(0.9)	10.4	(0.9)	1.2	(0.1)
	Japan	5.4	(0.9)	1.2	(0.2)	4.0	(1.8)	4.8	(0.6)	5.0	(0.4)	1.0	(0.1)
	Korea	17.9	(1.8)	3.7	(0.4)	3.3	(1.4)	4.8	(0.4)	7.4	(0.5)	1.6	(0.2)
	Latvia	17.6	(3.9)	2.6	(0.6)	10.0	(3.9)	5.1	(0.5)	8.5	(0.6)	1.6	(0.2)
	Luxembourg	27.0	(2.7)	3.8	(0.4)	5.8	(0.8)	6.5	(0.7)	10.4	(0.6)	1.7	(0.2)
	Mexico	c	c	1.1	(1.0)	18.5	(0.9)	18.1	(1.2)	18.3	(0.9)	1.0	(0.1)
	Netherlands	10.7	(1.5)	2.3	(0.4)	3.7	(1.1)	4.2	(0.5)	6.1	(0.5)	1.5	(0.2)
	New Zealand	18.0	(1.9)	2.6	(0.3)	5.4	(1.6)	6.5	(0.7)	10.5	(0.7)	1.7	(0.2)
	Norway	28.1	(2.9)	2.8	(0.3)	6.2	(2.2)	6.8	(0.7)	13.6	(0.7)	2.0	(0.2)
	Poland	12.9	(2.6)	2.2	(0.5)	5.5	(1.5)	5.6	(0.4)	9.3	(0.9)	1.7	(0.2)
	Portugal	29.6	(2.6)	2.8	(0.3)	8.4	(0.5)	12.3	(0.9)	16.1	(0.9)	1.6	(0.1)
	Slovak Republic	8.3	(2.2)	2.3	(0.6)	1.3	(1.3)	3.9	(0.4)	3.9	(0.5)	1.0	(0.1)
	Slovenia	15.0	(2.4)	2.4	(0.4)	3.0	(1.4)	5.6	(0.5)	8.7	(0.6)	1.6	(0.2)
	Spain	35.2	(3.2)	3.6	(0.4)	6.0	(0.6)	10.3	(0.8)	13.8	(0.6)	1.7	(0.1)
	Sweden	12.7	(1.9)	2.6	(0.4)	1.1	(0.7)	4.4	(0.7)	6.5	(0.4)	1.7	(0.3)
	Switzerland	13.7	(2.0)	2.6	(0.4)	3.3	(1.1)	4.6	(0.5)	7.5	(0.6)	1.8	(0.2)
	Turkey	c	c	1.5	(0.8)	15.4	(1.4)	18.4	(1.6)	19.4	(1.2)	1.2	(0.1)
United Kingdom	23.5	(2.0)	2.1	(0.2)	14.6	(2.6)	11.7	(0.7)	13.8	(0.7)	1.2	(0.1)	
United States	27.1	(2.6)	2.3	(0.2)	12.3	(1.5)	11.5	(0.9)	14.1	(0.7)	1.2	(0.1)	
OECD average	18.9	(0.5)	2.6	(0.1)	6.5	(0.3)	7.6	(0.1)	10.2	(0.1)	1.5	(0.0)	
Partners	Albania	m	m	m	m	6.4	(0.9)	10.6	(0.7)	14.4	(1.0)	1.5	(0.2)
	Algeria	c	c	m	m	7.4	(0.6)	9.3	(0.6)	10.7	(0.8)	1.3	(0.1)
	Brazil	29.9	(6.5)	1.8	(0.4)	14.2	(0.6)	19.0	(0.8)	18.5	(0.8)	1.1	(0.0)
	B-S-J-G (China)	12.3	(1.5)	2.1	(0.3)	6.0	(0.5)	5.7	(0.6)	9.6	(0.8)	1.6	(0.2)
	Bulgaria	9.6	(3.2)	1.8	(0.6)	2.3	(0.9)	4.7	(0.6)	6.4	(0.7)	1.4	(0.2)
	CABA (Argentina)	28.5	(10.3)	2.4	(0.9)	7.3	(1.6)	10.1	(2.2)	14.6	(1.4)	1.7	(0.3)
	Colombia	30.2	(9.5)	2.5	(0.8)	10.6	(0.9)	11.3	(0.7)	13.4	(0.6)	1.2	(0.1)
	Costa Rica	c	c	2.4	(1.6)	14.3	(1.2)	18.5	(1.2)	19.5	(0.8)	1.2	(0.1)
	Croatia	19.2	(2.8)	3.4	(0.6)	2.1	(1.1)	5.2	(0.7)	7.3	(0.7)	1.5	(0.2)
	Cyprus*	20.7	(6.0)	2.1	(0.6)	4.5	(1.4)	9.0	(0.7)	11.6	(0.6)	1.4	(0.1)
	Dominican Republic	c	c	m	m	22.4	(1.8)	21.5	(1.0)	21.7	(1.1)	1.0	(0.1)
	FYROM	c	c	1.3	(2.3)	3.0	(0.7)	3.9	(0.5)	4.7	(0.5)	1.3	(0.2)
	Georgia	11.4	(5.6)	2.9	(1.5)	1.6	(1.6)	3.5	(0.4)	4.4	(0.4)	1.3	(0.2)
	Hong Kong (China)	16.3	(2.1)	2.1	(0.3)	7.7	(0.7)	7.6	(0.5)	11.7	(0.9)	1.5	(0.2)
	Indonesia	c	c	7.4	(10.7)	1.1	(0.2)	2.9	(0.3)	2.2	(0.4)	1.2	(0.3)
	Jordan	c	c	1.0	(0.7)	11.9	(1.5)	17.5	(1.1)	26.0	(0.8)	1.6	(0.1)
	Kosovo	c	c	m	m	4.9	(1.2)	7.2	(0.7)	11.4	(0.8)	1.7	(0.2)
	Lebanon	c	c	2.2	(0.9)	12.5	(1.3)	15.8	(1.2)	19.4	(1.4)	1.3	(0.1)
	Lithuania	18.2	(2.8)	2.3	(0.4)	0.0	c	6.1	(0.6)	9.8	(0.6)	1.7	(0.2)
	Macao (China)	11.1	(2.2)	2.3	(0.5)	4.4	(0.5)	4.1	(0.5)	8.2	(0.8)	1.9	(0.2)
	Malta	18.6	(3.0)	2.2	(0.4)	5.5	(0.8)	9.7	(0.9)	11.4	(0.9)	1.5	(0.2)
	Moldova	15.8	(8.8)	3.0	(1.7)	3.4	(0.8)	5.0	(0.6)	6.3	(0.5)	1.3	(0.2)
	Montenegro	c	c	4.4	(1.7)	0.9	(0.9)	5.2	(0.5)	7.9	(0.4)	1.6	(0.2)
	Peru	c	c	1.4	(0.9)	17.0	(1.3)	20.7	(0.9)	23.6	(0.9)	1.2	(0.1)
	Qatar	28.0	(3.7)	1.7	(0.2)	9.6	(1.0)	13.8	(0.8)	18.2	(0.4)	1.5	(0.1)
	Romania	18.6	(8.5)	3.1	(1.5)	3.0	(1.0)	4.6	(0.6)	7.6	(0.7)	1.7	(0.2)
	Russia	16.3	(3.1)	2.0	(0.4)	5.8	(3.2)	6.5	(4.0)	8.8	(0.4)	1.4	(0.9)
	Singapore	19.0	(1.2)	1.5	(0.1)	11.7	(1.6)	13.4	(0.8)	14.9	(0.7)	1.1	(0.1)
	Chinese Taipei	16.8	(1.5)	2.7	(0.3)	5.3	(0.9)	6.1	(0.6)	9.3	(0.7)	1.6	(0.2)
	Thailand	8.3	(7.3)	2.1	(1.9)	2.8	(0.3)	4.5	(0.5)	5.7	(0.6)	1.6	(0.2)
	Trinidad and Tobago	35.5	(8.2)	3.0	(0.7)	9.2	(1.6)	12.0	(0.7)	14.2	(0.8)	1.2	(0.1)
	Tunisia	c	c	m	m	6.8	(0.9)	10.4	(0.8)	14.2	(1.0)	1.5	(0.1)
	United Arab Emirates	33.5	(3.5)	1.6	(0.2)	19.9	(1.6)	20.4	(1.0)	22.3	(0.6)	1.1	(0.0)
Uruguay	30.8	(6.4)	3.6	(0.8)	5.2	(0.5)	9.7	(0.7)	13.1	(0.7)	1.8	(0.1)	
Viet Nam	9.2	(1.6)	2.1	(0.4)	4.8	(0.4)	4.7	(0.5)	5.6	(1.1)	1.2	(0.2)	
Argentina**	32.1	(10.0)	3.3	(1.1)	6.5	(0.7)	9.3	(1.2)	12.7	(0.8)	1.7	(0.1)	
Kazakhstan**	11.7	(4.3)	1.4	(0.5)	2.8	(2.0)	4.7	(0.9)	8.8	(0.4)	2.0	(0.4)	
Malaysia**	28.8	(8.5)	2.2	(0.7)	8.2	(1.1)	13.9	(0.6)	15.0	(1.1)	1.2	(0.1)	


1. See Annex A1 for the list of science-related occupations.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Results for Belgium in this table refer to the French and German-speaking communities only.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/2]

Table I.3.11b Students expecting to work as health professionals,¹ by gender and performance in science

Results based on students' self-reports

	Students who expect to work as health professionals at age 30													
	All students		Boys		Girls		Increased likelihood of boys expecting that they will work in science-related occupations		Low achievers in science (students performing below Level 2)		Moderate performers in science (students performing at Level 2 or 3)		Strong performers in science (students performing at Level 4)	
	%	S.E.	%	S.E.	%	S.E.	Relative risk	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD														
Australia	15.4	(0.4)	9.2	(0.4)	21.6	(0.5)	0.4	(0.0)	8.3	(0.7)	15.3	(0.5)	19.1	(1.1)
Austria	8.3	(0.5)	4.3	(0.4)	12.4	(0.8)	0.3	(0.0)	4.8	(0.6)	8.7	(0.6)	9.8	(1.4)
Belgium	12.4	(0.8)	7.2	(0.9)	17.7	(0.9)	0.4	(0.0)	4.9	(0.9)	13.2	(1.0)	18.1	(1.6)
Canada	19.2	(0.5)	9.6	(0.5)	28.8	(0.7)	0.3	(0.0)	11.8	(1.0)	18.0	(0.6)	22.5	(1.0)
Chile	18.3	(0.7)	9.1	(0.7)	27.6	(1.1)	0.3	(0.0)	15.5	(1.2)	18.8	(0.9)	24.9	(1.9)
Czech Republic	7.3	(0.5)	3.9	(0.5)	10.8	(0.7)	0.4	(0.0)	1.8	(0.5)	6.3	(0.6)	12.2	(1.3)
Denmark	8.9	(0.4)	3.9	(0.4)	13.9	(0.7)	0.3	(0.0)	7.2	(1.1)	8.9	(0.6)	9.3	(0.9)
Estonia	8.1	(0.4)	3.4	(0.4)	13.1	(0.6)	0.3	(0.0)	5.0	(1.4)	7.5	(0.5)	9.2	(0.9)
Finland	10.8	(0.5)	5.3	(0.5)	16.6	(0.7)	0.3	(0.0)	2.8	(0.8)	7.6	(0.7)	15.2	(1.2)
France	9.3	(0.4)	5.3	(0.4)	13.2	(0.5)	0.4	(0.0)	2.4	(0.5)	7.9	(0.5)	15.9	(1.1)
Germany	4.6	(0.3)	2.3	(0.3)	6.8	(0.4)	0.3	(0.0)	2.3	(0.6)	4.0	(0.4)	5.9	(0.8)
Greece	12.0	(0.6)	7.9	(0.7)	16.4	(0.9)	0.5	(0.0)	5.9	(0.8)	13.3	(0.8)	21.0	(1.9)
Hungary	5.4	(0.4)	2.6	(0.3)	8.3	(0.7)	0.3	(0.1)	2.5	(0.6)	5.4	(0.5)	9.1	(1.2)
Iceland	13.1	(0.6)	4.7	(0.6)	20.9	(1.0)	0.2	(0.0)	8.2	(1.0)	13.6	(0.9)	18.0	(2.3)
Ireland	13.8	(0.6)	7.9	(0.5)	20.0	(0.9)	0.4	(0.0)	8.0	(1.1)	13.5	(0.7)	16.9	(1.4)
Israel	15.8	(0.6)	9.9	(0.5)	21.5	(0.8)	0.5	(0.0)	15.4	(1.3)	16.7	(0.8)	14.9	(1.3)
Italy	10.1	(0.6)	6.0	(0.5)	14.1	(1.0)	0.4	(0.0)	5.3	(0.9)	10.8	(0.8)	14.3	(1.5)
Japan	9.9	(0.5)	5.1	(0.5)	14.8	(0.7)	0.3	(0.0)	4.3	(1.2)	7.9	(0.6)	12.6	(1.1)
Korea	8.3	(0.4)	5.3	(0.5)	11.6	(0.7)	0.5	(0.1)	4.8	(1.0)	7.6	(0.6)	9.4	(1.1)
Latvia	9.4	(0.4)	3.0	(0.4)	15.8	(0.8)	0.2	(0.0)	5.4	(0.9)	9.5	(0.6)	11.5	(1.3)
Luxembourg	8.4	(0.4)	5.2	(0.4)	11.5	(0.6)	0.5	(0.0)	2.8	(0.5)	7.9	(0.6)	15.9	(1.4)
Mexico	19.2	(0.6)	13.0	(0.7)	25.5	(0.9)	0.5	(0.0)	18.3	(0.9)	19.9	(0.8)	19.1	(3.0)
Netherlands	7.8	(0.4)	4.5	(0.5)	11.1	(0.7)	0.4	(0.0)	2.6	(0.7)	6.1	(0.6)	11.9	(1.3)
New Zealand	13.4	(0.5)	6.6	(0.5)	20.4	(0.9)	0.3	(0.0)	8.3	(1.2)	13.5	(0.8)	16.5	(1.3)
Norway	11.9	(0.4)	2.9	(0.3)	21.1	(0.8)	0.1	(0.0)	10.4	(1.1)	12.4	(0.6)	12.8	(1.3)
Poland	12.3	(0.7)	4.7	(0.5)	20.2	(1.2)	0.2	(0.0)	4.5	(0.9)	11.9	(0.8)	17.6	(1.7)
Portugal	13.7	(0.6)	6.4	(0.6)	21.1	(1.0)	0.3	(0.0)	6.8	(1.0)	12.2	(0.8)	19.7	(1.5)
Slovak Republic	9.7	(0.5)	4.6	(0.5)	15.1	(0.9)	0.3	(0.0)	3.1	(0.6)	10.3	(0.8)	18.3	(1.9)
Slovenia	12.3	(0.5)	5.7	(0.5)	19.2	(1.0)	0.3	(0.0)	4.4	(1.0)	11.8	(0.8)	16.2	(1.5)
Spain	13.3	(0.4)	6.9	(0.5)	19.8	(0.8)	0.3	(0.0)	8.1	(0.9)	13.0	(0.6)	18.5	(1.3)
Sweden	8.8	(0.5)	4.0	(0.5)	13.6	(0.8)	0.3	(0.0)	6.7	(1.0)	8.1	(0.6)	11.5	(1.5)
Switzerland	7.9	(0.5)	3.6	(0.5)	12.6	(0.8)	0.3	(0.0)	3.3	(0.8)	7.2	(0.6)	11.5	(1.4)
Turkey	11.8	(0.7)	7.9	(0.7)	15.7	(1.0)	0.5	(0.1)	7.3	(0.6)	14.7	(1.1)	21.6	(2.8)
United Kingdom	13.5	(0.5)	6.8	(0.6)	20.4	(0.9)	0.3	(0.0)	10.4	(0.9)	13.0	(0.8)	16.0	(1.1)
United States	22.1	(0.7)	8.9	(0.6)	35.3	(1.1)	0.3	(0.0)	20.3	(1.3)	23.2	(0.9)	22.4	(1.8)
OECD average	11.6	(0.1)	5.9	(0.1)	17.4	(0.1)	0.3	(0.0)	7.0	(0.2)	11.4	(0.1)	15.4	(0.3)
Partners														
Albania	11.5	(0.5)	10.7	(0.7)	12.3	(0.6)	0.9	(0.1)	m	m	m	m	m	m
Algeria	16.6	(0.7)	10.2	(0.6)	23.7	(1.2)	0.4	(0.0)	14.2	(0.7)	21.6	(1.5)	45.5	(9.3)
Brazil	20.9	(0.4)	11.2	(0.6)	30.1	(0.6)	0.4	(0.0)	20.5	(0.5)	21.6	(0.8)	20.7	(2.2)
B-S-J-G (China)	7.5	(0.4)	5.4	(0.5)	9.9	(0.6)	0.5	(0.1)	5.6	(0.8)	6.4	(0.5)	8.5	(0.9)
Bulgaria	11.7	(0.7)	6.4	(0.6)	17.7	(1.1)	0.4	(0.0)	6.3	(0.8)	14.6	(1.1)	16.5	(1.9)
CABA (Argentina)	13.6	(1.2)	6.4	(1.0)	20.2	(1.5)	0.3	(0.0)	16.4	(2.3)	13.7	(1.5)	10.4	(2.5)
Colombia	22.5	(0.7)	11.5	(0.7)	32.3	(0.9)	0.4	(0.0)	24.0	(1.0)	21.5	(0.8)	15.6	(2.6)
Costa Rica	20.6	(0.6)	12.2	(0.7)	28.5	(0.9)	0.4	(0.0)	23.7	(0.9)	18.2	(0.8)	12.9	(3.2)
Croatia	10.8	(0.8)	6.2	(0.7)	15.2	(1.1)	0.4	(0.0)	3.0	(0.6)	11.5	(1.0)	19.2	(1.6)
Cyprus*	15.5	(0.5)	9.6	(0.6)	21.2	(0.8)	0.5	(0.0)	9.7	(0.7)	18.5	(0.8)	25.4	(2.7)
Dominican Republic	21.1	(0.8)	8.9	(0.7)	32.9	(1.3)	0.3	(0.0)	20.8	(0.9)	23.3	(2.4)	c	c
FYROM	14.1	(0.5)	7.0	(0.4)	22.0	(0.8)	0.3	(0.0)	12.3	(0.6)	17.4	(1.0)	15.3	(4.5)
Georgia	10.3	(0.5)	6.1	(0.6)	14.9	(0.9)	0.4	(0.0)	9.5	(0.7)	10.8	(0.8)	11.8	(2.3)
Hong Kong (China)	13.0	(0.6)	8.0	(0.5)	18.2	(0.9)	0.4	(0.0)	5.9	(1.4)	11.3	(0.8)	16.7	(1.5)
Indonesia	12.7	(0.7)	5.3	(0.8)	20.2	(1.1)	0.3	(0.0)	11.6	(0.8)	13.9	(1.1)	21.7	(5.7)
Jordan	21.5	(0.8)	13.9	(0.9)	29.0	(1.3)	0.5	(0.0)	13.2	(0.8)	28.6	(1.1)	45.0	(4.6)
Kosovo	16.1	(0.5)	11.3	(0.5)	21.2	(0.9)	0.5	(0.0)	13.2	(0.7)	22.3	(1.3)	c	c
Lebanon	22.1	(0.9)	16.9	(1.0)	26.6	(1.2)	0.6	(0.0)	19.2	(1.2)	26.0	(1.5)	36.1	(4.8)
Lithuania	10.4	(0.4)	3.9	(0.4)	17.1	(0.7)	0.2	(0.0)	5.2	(0.8)	10.3	(0.6)	16.7	(1.5)
Macao (China)	12.4	(0.5)	8.3	(0.6)	16.4	(0.8)	0.5	(0.0)	5.3	(1.7)	10.9	(0.6)	15.4	(1.2)
Malta	10.3	(0.5)	7.2	(0.6)	13.4	(0.7)	0.5	(0.1)	3.1	(0.5)	7.8	(0.8)	20.1	(2.4)
Moldova	10.9	(0.6)	6.4	(0.6)	15.5	(0.9)	0.4	(0.0)	6.5	(0.6)	14.1	(0.9)	15.0	(2.6)
Montenegro	10.0	(0.4)	5.7	(0.4)	14.5	(0.6)	0.4	(0.0)	8.7	(0.5)	11.5	(0.7)	10.6	(2.6)
Peru	13.1	(0.6)	6.8	(0.5)	19.5	(0.9)	0.3	(0.0)	12.7	(0.6)	13.6	(1.0)	16.4	(4.5)
Qatar	19.0	(0.4)	11.5	(0.4)	26.9	(0.6)	0.4	(0.0)	13.0	(0.5)	25.3	(0.7)	23.8	(1.7)
Romania	11.5	(0.6)	6.9	(0.6)	16.0	(1.0)	0.4	(0.0)	6.6	(0.9)	13.6	(0.9)	21.7	(3.1)
Russia	9.8	(0.5)	5.0	(0.6)	14.5	(0.7)	0.3	(0.0)	7.9	(0.9)	10.0	(0.7)	11.1	(1.2)
Singapore	11.7	(0.5)	8.1	(0.6)	15.6	(0.7)	0.5	(0.0)	8.1	(1.3)	9.5	(0.8)	12.6	(1.0)
Chinese Taipei	7.2	(0.4)	3.8	(0.4)	10.6	(0.7)	0.4	(0.0)	3.8	(0.8)	6.3	(0.5)	8.1	(0.9)
Thailand	14.0	(0.5)	4.1	(0.4)	21.6	(0.8)	0.2	(0.0)	9.0	(0.6)	16.7	(0.9)	34.5	(3.0)
Trinidad and Tobago	14.0	(0.5)	5.5	(0.5)	22.2	(0.8)	0.2	(0.0)	11.0	(0.7)	14.9	(1.0)	24.0	(3.1)
Tunisia	22.2	(0.8)	12.9	(0.7)	30.2	(1.1)	0.4	(0.0)	19.4	(1.0)	27.5	(1.4)	32.5	(8.5)
United Arab Emirates	17.8	(0.5)	11.1	(0.6)	24.2	(0.8)	0.5	(0.0)	11.7	(0.7)	21.7	(0.9)	24.9	(1.9)
Uruguay	16.4	(0.5)	8.0	(0.5)	24.1	(0.9)	0.3	(0.0)	15.2	(0.9)	17.7	(0.8)	15.3	(2.2)
Viet Nam	13.4	(0.6)	11.0	(0.7)	15.7	(0.8)	0.7	(0.1)	12.1	(3.6)	11.8	(0.7)	15.2	(1.2)
Argentina**	12.2	(0.6)	7.0	(0.6)	17.0	(0.8)	0.4	(0.0)	11.1	(0.7)	12.9	(0.9)	11.9	(2.6)
Kazakhstan**	17.0	(1.0)	11.0	(0.9)	23.4	(1.4)	0.5	(0.0)	15.5	(1.7)	17.3	(1.1)	18.9	(2.6)
Malaysia**	14.0	(0.6)	7.3	(0.6)	20.0	(0.8)	0.4	(0.0)	8.8	(0.9)	15.8	(0.7)	24.3	(2.9)


1. See Annex A1 for the list of science-related occupations.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Results for Belgium in this table refer to the French and German-speaking communities only.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 2/2]

Table I.3.11b Students expecting to work as health professionals,¹ by gender and performance in science

Results based on students' self-reports

	Students who expect to work as health professionals at age 30											
	Top performers in science (students performing at Level 5 or above)		Increased likelihood of top performers in science expecting that they will work in science-related occupations		Students whose parents have not completed secondary education		Students whose parents attained secondary education as their highest level of education		Students whose father or mother completed tertiary education		Increased likelihood of students with at least one tertiary-educated parent expecting that they will work in science-related occupations	
	%	S.E.	Relative risk	S.E.	%	S.E.	%	S.E.	%	S.E.	Relative risk	S.E.
OECD												
Australia	19.4	(1.6)	1.3	(0.1)	13.3	(1.3)	11.9	(0.5)	18.1	(0.6)	1.5	(0.1)
Austria	10.8	(2.0)	1.3	(0.2)	5.9	(2.1)	6.2	(0.6)	10.4	(0.7)	1.7	(0.1)
Belgium	13.8	(2.6)	1.1	(0.2)	12.1	(2.4)	8.5	(1.2)	14.2	(0.9)	1.5	(0.2)
Canada	23.8	(1.5)	1.3	(0.1)	11.0	(1.8)	15.3	(0.8)	21.0	(0.5)	1.4	(0.1)
Chile	26.6	(6.3)	1.5	(0.4)	17.0	(1.9)	16.8	(0.8)	21.1	(1.0)	1.3	(0.1)
Czech Republic	16.4	(2.1)	2.5	(0.4)	3.7	(1.0)	5.8	(0.5)	11.0	(0.8)	2.0	(0.2)
Denmark	11.2	(1.8)	1.3	(0.2)	7.2	(1.2)	8.8	(1.0)	9.4	(0.5)	1.2	(0.1)
Estonia	10.4	(1.5)	1.3	(0.2)	3.2	(1.4)	6.3	(0.6)	9.5	(0.5)	1.6	(0.2)
Finland	19.4	(1.6)	2.1	(0.2)	4.4	(2.1)	4.0	(0.6)	12.5	(0.5)	3.1	(0.4)
France	19.1	(2.0)	2.3	(0.3)	6.1	(1.1)	6.8	(0.6)	11.5	(0.5)	1.7	(0.2)
Germany	7.6	(1.1)	1.8	(0.3)	3.8	(0.5)	4.4	(0.7)	6.0	(0.4)	1.5	(0.2)
Greece	24.7	(5.3)	2.1	(0.5)	6.7	(1.1)	10.2	(0.8)	13.9	(0.8)	1.4	(0.1)
Hungary	9.3	(2.4)	1.8	(0.5)	1.4	(0.9)	3.9	(0.5)	7.4	(0.6)	2.1	(0.3)
Iceland	18.0	(4.0)	1.4	(0.3)	8.1	(1.8)	13.7	(1.3)	13.6	(0.7)	1.1	(0.1)
Ireland	19.5	(2.3)	1.5	(0.2)	6.1	(1.2)	12.7	(0.8)	15.1	(0.7)	1.3	(0.1)
Israel	13.3	(1.9)	0.8	(0.1)	16.2	(2.9)	16.2	(0.9)	16.0	(0.6)	1.0	(0.1)
Italy	10.5	(2.2)	1.0	(0.2)	6.6	(1.0)	10.3	(0.8)	12.0	(0.9)	1.3	(0.1)
Japan	14.5	(1.9)	1.6	(0.2)	7.7	(2.8)	7.1	(0.7)	11.7	(0.7)	1.7	(0.2)
Korea	14.5	(1.8)	1.9	(0.3)	5.7	(2.2)	7.9	(0.6)	8.8	(0.6)	1.1	(0.1)
Latvia	16.3	(3.9)	1.8	(0.5)	2.9	(1.7)	6.9	(0.6)	11.3	(0.6)	1.7	(0.2)
Luxembourg	14.0	(2.0)	1.8	(0.3)	4.8	(0.9)	7.0	(0.7)	10.3	(0.6)	1.7	(0.2)
Mexico	c	c	1.6	(1.0)	17.0	(0.9)	18.4	(1.2)	22.9	(1.0)	1.3	(0.1)
Netherlands	14.6	(1.5)	2.1	(0.3)	7.3	(1.6)	7.0	(0.8)	8.5	(0.5)	1.2	(0.1)
New Zealand	14.9	(1.6)	1.1	(0.1)	8.7	(1.8)	11.8	(0.9)	16.2	(0.7)	1.4	(0.1)
Norway	10.0	(1.8)	0.8	(0.2)	12.8	(3.3)	9.5	(1.0)	13.3	(0.5)	1.4	(0.2)
Poland	18.2	(2.2)	1.5	(0.2)	7.2	(1.6)	10.6	(0.8)	19.5	(1.3)	1.9	(0.2)
Portugal	23.1	(2.8)	1.8	(0.2)	11.3	(0.8)	14.9	(1.0)	16.4	(0.9)	1.3	(0.1)
Slovak Republic	20.6	(3.4)	2.2	(0.4)	1.6	(1.0)	8.2	(0.7)	12.7	(0.7)	1.6	(0.1)
Slovenia	17.1	(2.5)	1.5	(0.2)	13.8	(3.6)	10.9	(0.9)	13.5	(0.7)	1.2	(0.1)
Spain	16.3	(2.5)	1.2	(0.2)	11.6	(0.9)	12.8	(0.9)	14.6	(0.5)	1.2	(0.1)
Sweden	12.2	(2.2)	1.4	(0.3)	10.1	(2.1)	7.7	(0.8)	9.4	(0.6)	1.2	(0.1)
Switzerland	11.5	(1.7)	1.5	(0.2)	5.9	(0.9)	6.7	(0.8)	8.8	(0.6)	1.4	(0.2)
Turkey	c	c	2.4	(1.1)	11.7	(0.9)	10.6	(1.2)	12.8	(1.2)	1.1	(0.1)
United Kingdom	16.1	(1.4)	1.2	(0.1)	14.6	(3.0)	11.8	(0.7)	15.5	(0.7)	1.3	(0.1)
United States	18.9	(2.2)	0.8	(0.1)	21.1	(1.7)	19.5	(1.1)	23.7	(0.9)	1.2	(0.1)
OECD average	16.0	(0.5)	1.6	(0.1)	8.8	(0.3)	10.0	(0.1)	13.5	(0.1)	1.5	(0.0)
Partners												
Albania	m	m	m	m	8.8	(1.2)	10.7	(0.6)	14.8	(0.9)	1.5	(0.1)
Algeria	c	c	m	m	15.3	(1.0)	16.7	(0.8)	18.3	(1.6)	1.1	(0.1)
Brazil	21.9	(6.5)	1.0	(0.3)	21.1	(0.6)	22.4	(0.6)	22.8	(0.8)	1.0	(0.0)
B-S-J-G (China)	11.6	(1.4)	1.7	(0.2)	6.9	(0.5)	7.9	(0.7)	8.6	(1.0)	1.2	(0.1)
Bulgaria	16.6	(4.2)	1.4	(0.4)	6.6	(1.6)	9.3	(0.8)	14.2	(1.0)	1.6	(0.1)
CABA (Argentina)	4.0	(4.5)	0.3	(0.3)	20.3	(2.9)	12.3	(2.1)	12.8	(1.1)	0.8	(0.1)
Colombia	9.5	(5.6)	0.4	(0.2)	22.9	(1.4)	22.7	(1.1)	22.9	(0.8)	1.0	(0.1)
Costa Rica	c	c	0.3	(0.6)	21.6	(1.1)	21.6	(1.1)	20.6	(0.8)	1.0	(0.1)
Croatia	19.6	(3.4)	1.9	(0.4)	3.7	(1.7)	9.4	(0.9)	12.7	(0.9)	1.4	(0.1)
Cyprus*	23.8	(6.2)	1.6	(0.4)	11.9	(2.1)	15.4	(0.7)	16.3	(0.8)	1.1	(0.1)
Dominican Republic	c	c	m	m	20.5	(1.6)	22.1	(1.3)	21.1	(1.1)	1.0	(0.1)
FYROM	c	c	1.1	(1.2)	13.4	(1.4)	13.1	(0.8)	15.1	(0.8)	1.1	(0.1)
Georgia	16.2	(6.5)	1.6	(0.7)	7.7	(3.0)	9.1	(0.6)	11.3	(0.6)	1.2	(0.1)
Hong Kong (China)	21.2	(2.3)	1.7	(0.2)	10.6	(1.1)	12.9	(0.7)	16.8	(1.2)	1.4	(0.1)
Indonesia	c	c	1.0	(1.2)	10.3	(0.8)	14.8	(1.0)	16.7	(1.2)	1.4	(0.1)
Jordan	c	c	2.5	(0.9)	15.1	(1.6)	18.6	(1.2)	25.3	(1.0)	1.4	(0.1)
Kosovo	c	c	m	m	13.4	(2.0)	14.4	(0.9)	17.9	(0.7)	1.3	(0.1)
Lebanon	c	c	1.4	(0.7)	21.2	(1.8)	22.3	(1.2)	22.9	(1.3)	1.0	(0.1)
Lithuania	19.0	(2.8)	1.9	(0.3)	4.9	(2.5)	7.5	(0.6)	12.1	(0.5)	1.6	(0.1)
Macao (China)	17.8	(2.4)	1.5	(0.2)	12.3	(0.8)	11.0	(0.9)	14.2	(1.1)	1.2	(0.1)
Malta	35.7	(3.2)	4.4	(0.5)	7.0	(0.8)	9.3	(0.8)	13.8	(0.9)	1.7	(0.2)
Moldova	12.7	(6.3)	1.2	(0.6)	3.9	(0.7)	11.0	(0.8)	12.6	(0.8)	1.3	(0.1)
Montenegro	c	c	0.9	(0.6)	11.3	(2.9)	9.2	(0.7)	10.5	(0.5)	1.1	(0.1)
Peru	c	c	0.9	(1.1)	12.9	(1.0)	10.8	(0.7)	15.1	(0.8)	1.3	(0.1)
Qatar	23.5	(3.9)	1.2	(0.2)	18.1	(1.4)	19.0	(1.0)	19.3	(0.4)	1.0	(0.0)
Romania	27.0	(11.6)	2.4	(1.0)	7.9	(1.9)	9.3	(0.8)	13.9	(0.9)	1.5	(0.2)
Russia	11.9	(2.9)	1.2	(0.3)	8.5	(4.0)	9.8	(2.6)	10.3	(0.5)	1.1	(0.3)
Singapore	15.7	(1.2)	1.5	(0.1)	8.7	(1.2)	10.4	(0.8)	13.1	(0.7)	1.3	(0.1)
Chinese Taipei	10.9	(1.2)	1.7	(0.2)	4.1	(0.6)	6.3	(0.6)	8.2	(0.6)	1.4	(0.1)
Thailand	47.6	(13.0)	3.4	(1.0)	13.0	(0.8)	14.3	(0.8)	16.9	(1.3)	1.2	(0.1)
Trinidad and Tobago	24.5	(7.7)	1.8	(0.6)	15.1	(1.8)	13.5	(0.7)	14.9	(0.7)	1.1	(0.1)
Tunisia	c	c	m	m	19.6	(1.4)	24.1	(1.1)	23.8	(1.1)	1.1	(0.1)
United Arab Emirates	20.2	(2.9)	1.1	(0.2)	12.4	(1.6)	16.0	(0.9)	19.1	(0.5)	1.3	(0.1)
Uruguay	13.5	(5.6)	0.8	(0.3)	15.1	(0.9)	17.8	(0.9)	17.3	(1.2)	1.1	(0.1)
Viet Nam	21.1	(2.3)	1.7	(0.2)	12.6	(0.9)	14.2	(0.9)	18.1	(1.6)	1.4	(0.2)
Argentina**	18.9	(10.6)	1.6	(0.9)	11.6	(0.7)	11.8	(1.2)	13.0	(0.8)	1.1	(0.1)
Kazakhstan**	22.0	(5.0)	1.3	(0.3)	14.7	(4.4)	20.1	(2.0)	16.7	(1.0)	0.9	(0.1)
Malaysia**	21.4	(8.0)	1.5	(0.6)	9.7	(1.2)	14.3	(0.7)	16.4	(1.0)	1.2	(0.1)


1. See Annex A1 for the list of science-related occupations.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Results for Belgium in this table refer to the French and German-speaking communities only.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/2]

Table I.3.11c Students expecting to work as ICT professionals, 1 by gender and performance in science

Results based on students' self-reports

	Students who expect to work as information and communications technology (ICT) professionals at age 30													
	All students		Boys		Girls		Increased likelihood of boys expecting that they will work in science-related occupations		Low achievers in science (students performing below Level 2)		Moderate performers in science (students performing at Level 2 or 3)		Strong performers in science (students performing at Level 4)	
	%	S.E.	%	S.E.	%	S.E.	Relative risk	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD														
Australia	2.6	(0.1)	4.7	(0.3)	0.4	(0.1)	11.0	(2.5)	1.3	(0.3)	2.5	(0.2)	3.1	(0.4)
Austria	3.1	(0.5)	5.7	(1.0)	0.4	(0.1)	14.3	(4.8)	0.7	(0.4)	2.5	(0.4)	5.2	(1.2)
Belgium	3.0	(0.3)	5.5	(0.5)	0.5	(0.2)	10.9	(5.1)	1.9	(0.5)	2.8	(0.5)	3.9	(0.9)
Canada	2.0	(0.1)	3.7	(0.3)	0.3	(0.1)	10.9	(2.8)	0.5	(0.2)	1.6	(0.2)	2.5	(0.4)
Chile	0.4	(0.1)	0.8	(0.2)	0.1	(0.1)	12.6	(19.3)	0.2	(0.1)	0.4	(0.1)	1.3	(0.6)
Czech Republic	3.2	(0.3)	6.0	(0.5)	0.4	(0.1)	17.0	(6.5)	0.6	(0.3)	2.9	(0.5)	5.7	(1.0)
Denmark	1.3	(0.2)	2.5	(0.3)	0.0	(0.0)	133.0	(203.9)	0.3	(0.2)	1.0	(0.2)	2.0	(0.5)
Estonia	8.1	(0.4)	14.7	(0.7)	1.2	(0.2)	12.2	(2.5)	4.5	(1.3)	6.9	(0.6)	9.3	(0.9)
Finland	1.7	(0.2)	3.1	(0.4)	0.2	(0.1)	15.6	(9.4)	0.7	(0.4)	1.5	(0.3)	1.7	(0.4)
France	2.8	(0.2)	5.4	(0.4)	0.2	(0.1)	31.7	(17.4)	1.1	(0.3)	2.4	(0.3)	3.9	(0.6)
Germany	2.8	(0.2)	5.1	(0.4)	0.4	(0.1)	11.7	(3.2)	0.8	(0.3)	2.0	(0.3)	3.9	(0.7)
Greece	3.0	(0.3)	5.3	(0.5)	0.6	(0.2)	9.0	(2.9)	2.5	(0.6)	3.0	(0.4)	4.1	(0.9)
Hungary	4.3	(0.5)	7.9	(1.1)	0.7	(0.2)	10.7	(2.8)	0.8	(0.3)	4.6	(0.7)	7.2	(1.1)
Iceland	4.1	(0.4)	7.7	(0.7)	0.7	(0.2)	11.2	(3.6)	4.0	(0.7)	3.8	(0.5)	4.5	(1.3)
Ireland	3.4	(0.3)	5.9	(0.4)	0.7	(0.2)	8.2	(2.1)	1.8	(0.6)	2.9	(0.3)	5.2	(0.9)
Israel	2.8	(0.2)	4.4	(0.4)	1.2	(0.2)	3.6	(0.7)	0.9	(0.3)	2.6	(0.3)	5.5	(1.1)
Italy	1.6	(0.2)	3.0	(0.4)	0.2	(0.1)	13.4	(7.2)	0.4	(0.2)	1.6	(0.3)	2.6	(0.7)
Japan	2.4	(0.3)	4.4	(0.5)	0.4	(0.1)	10.3	(3.5)	0.7	(0.4)	2.0	(0.4)	2.6	(0.5)
Korea	2.5	(0.2)	4.0	(0.4)	0.8	(0.1)	5.0	(1.1)	1.0	(0.4)	2.2	(0.3)	2.8	(0.5)
Latvia	3.9	(0.3)	7.3	(0.6)	0.4	(0.1)	16.7	(6.0)	1.9	(0.5)	3.4	(0.4)	6.5	(0.9)
Luxembourg	2.9	(0.2)	5.7	(0.5)	0.2	(0.1)	31.3	(12.6)	1.6	(0.4)	3.1	(0.3)	4.2	(0.7)
Mexico	2.3	(0.2)	3.5	(0.4)	1.0	(0.2)	3.4	(0.7)	1.6	(0.3)	2.7	(0.4)	6.0	(2.3)
Netherlands	1.8	(0.2)	3.5	(0.4)	0.0	(0.0)	113.9	(168.4)	0.4	(0.3)	1.7	(0.3)	2.4	(0.6)
New Zealand	2.5	(0.2)	4.1	(0.4)	0.9	(0.2)	4.7	(1.1)	0.4	(0.2)	1.9	(0.3)	3.5	(0.8)
Norway	1.1	(0.1)	2.1	(0.3)	0.1	(0.0)	30.6	(31.3)	1.0	(0.3)	1.0	(0.2)	1.6	(0.4)
Poland	1.4	(0.2)	2.6	(0.3)	0.0	(0.0)	67.3	(103.8)	0.7	(0.3)	0.8	(0.2)	2.1	(0.6)
Portugal	1.6	(0.2)	2.9	(0.3)	0.2	(0.1)	14.3	(5.6)	0.2	(0.2)	1.5	(0.2)	2.4	(0.6)
Slovak Republic	2.9	(0.2)	5.2	(0.4)	0.5	(0.1)	11.3	(4.4)	1.1	(0.3)	2.7	(0.3)	5.7	(0.9)
Slovenia	2.9	(0.2)	5.5	(0.5)	0.1	(0.0)	72.8	(42.1)	1.2	(0.5)	2.1	(0.3)	4.6	(0.7)
Spain	3.6	(0.2)	6.5	(0.4)	0.7	(0.1)	9.2	(2.0)	3.4	(0.7)	3.6	(0.3)	4.0	(0.7)
Sweden	2.7	(0.3)	5.0	(0.5)	0.3	(0.1)	16.7	(6.0)	1.2	(0.5)	2.5	(0.3)	3.5	(0.7)
Switzerland	2.4	(0.2)	4.3	(0.5)	0.3	(0.1)	13.6	(5.6)	0.6	(0.3)	2.5	(0.4)	3.2	(0.7)
Turkey	0.4	(0.1)	0.5	(0.2)	0.2	(0.1)	2.6	(1.4)	0.4	(0.1)	0.4	(0.1)	0.0	c
United Kingdom	2.6	(0.2)	4.7	(0.4)	0.5	(0.1)	9.1	(1.9)	1.4	(0.4)	2.6	(0.4)	3.1	(0.6)
United States	2.1	(0.2)	3.7	(0.4)	0.5	(0.1)	7.0	(2.2)	1.3	(0.4)	1.7	(0.3)	3.1	(0.7)
OECD average	2.6	(0.0)	4.8	(0.1)	0.4	(0.0)	22.2	(8.3)	1.2	(0.1)	2.4	(0.1)	3.8	(0.1)
Partners														
Albania	1.4	(0.1)	1.4	(0.2)	1.4	(0.2)	1.0	(0.2)	m	m	m	m	m	m
Algeria	0.2	(0.1)	0.3	(0.1)	0.1	(0.1)	2.6	(2.2)	0.1	(0.1)	0.3	(0.2)	1.5	(2.3)
Brazil	1.1	(0.1)	2.0	(0.2)	0.2	(0.1)	8.9	(3.3)	0.4	(0.1)	1.9	(0.2)	3.0	(0.9)
B-S-J-G (China)	2.1	(0.2)	3.5	(0.3)	0.6	(0.2)	5.9	(2.1)	0.5	(0.2)	1.5	(0.3)	3.1	(0.6)
Bulgaria	8.3	(0.9)	13.4	(1.5)	2.7	(0.4)	4.9	(0.7)	2.4	(0.4)	9.7	(1.0)	18.5	(3.1)
CABA (Argentina)	1.6	(0.4)	3.2	(0.8)	0.1	(0.1)	25.1	(38.3)	0.7	(0.5)	1.7	(0.6)	2.6	(1.5)
Colombia	4.0	(0.3)	7.4	(0.5)	0.9	(0.2)	8.0	(1.5)	3.3	(0.4)	4.6	(0.4)	6.3	(1.3)
Costa Rica	3.6	(0.3)	6.2	(0.5)	1.1	(0.2)	5.4	(1.2)	1.9	(0.4)	4.9	(0.5)	7.9	(2.5)
Croatia	3.0	(0.3)	5.8	(0.6)	0.5	(0.1)	11.2	(3.5)	0.4	(0.2)	2.5	(0.4)	7.3	(1.2)
Cyprus*	4.0	(0.3)	7.2	(0.6)	0.8	(0.2)	9.0	(2.3)	2.6	(0.4)	4.8	(0.5)	5.7	(1.5)
Dominican Republic	2.1	(0.2)	3.8	(0.5)	0.5	(0.2)	8.3	(3.8)	1.7	(0.3)	4.5	(0.9)	c	c
FYROM	3.8	(0.3)	6.5	(0.5)	0.9	(0.2)	7.5	(1.6)	2.3	(0.3)	6.2	(0.7)	11.8	(4.6)
Georgia	2.7	(0.3)	4.8	(0.5)	0.4	(0.1)	11.9	(4.0)	2.2	(0.3)	3.0	(0.4)	5.0	(1.9)
Hong Kong (China)	1.7	(0.2)	2.7	(0.4)	0.7	(0.2)	4.0	(1.4)	0.5	(0.4)	1.6	(0.2)	2.1	(0.4)
Indonesia	0.6	(0.1)	0.8	(0.2)	0.4	(0.2)	2.0	(0.9)	0.4	(0.1)	0.8	(0.2)	2.5	(1.9)
Jordan	0.2	(0.1)	0.3	(0.1)	0.1	(0.0)	3.7	(1.6)	0.1	(0.0)	0.3	(0.1)	0.6	(0.9)
Kosovo	0.7	(0.1)	1.2	(0.3)	0.1	(0.1)	9.8	(11.2)	0.3	(0.1)	1.3	(0.4)	c	c
Lebanon	0.6	(0.1)	1.0	(0.2)	0.2	(0.1)	5.1	(3.3)	0.2	(0.1)	1.0	(0.3)	1.5	(1.1)
Lithuania	4.9	(0.3)	8.9	(0.6)	0.7	(0.2)	12.3	(3.2)	1.8	(0.5)	5.0	(0.4)	8.7	(1.2)
Macao (China)	2.6	(0.2)	4.7	(0.4)	0.4	(0.1)	10.4	(2.9)	0.7	(0.6)	2.0	(0.3)	3.3	(0.6)
Malta	5.0	(0.3)	8.5	(0.7)	1.5	(0.3)	5.5	(1.2)	2.9	(0.6)	5.4	(0.7)	7.9	(1.4)
Moldova	5.1	(0.4)	9.3	(0.7)	0.9	(0.2)	10.8	(2.4)	3.0	(0.5)	6.2	(0.6)	9.7	(2.3)
Montenegro	2.1	(0.2)	3.9	(0.3)	0.3	(0.1)	13.0	(6.1)	0.6	(0.2)	3.0	(0.4)	9.9	(2.1)
Peru	3.7	(0.2)	6.4	(0.4)	1.0	(0.2)	6.6	(1.4)	2.2	(0.3)	5.6	(0.5)	7.2	(2.9)
Qatar	1.4	(0.1)	1.7	(0.2)	1.0	(0.1)	1.8	(0.3)	0.6	(0.1)	1.8	(0.2)	3.4	(0.7)
Romania	5.1	(0.4)	7.7	(0.8)	2.5	(0.3)	3.1	(0.5)	1.2	(0.3)	6.8	(0.6)	13.4	(2.7)
Russia	4.1	(0.2)	7.2	(0.5)	1.0	(0.2)	7.3	(1.7)	2.2	(0.5)	3.7	(0.3)	6.3	(0.9)
Singapore	1.7	(0.2)	2.9	(0.3)	0.3	(0.1)	8.9	(3.1)	0.9	(0.5)	1.4	(0.3)	1.5	(0.3)
Chinese Taipei	3.4	(0.2)	6.1	(0.3)	0.6	(0.2)	9.4	(2.6)	1.2	(0.4)	2.7	(0.3)	4.3	(0.6)
Thailand	1.4	(0.2)	2.7	(0.4)	0.4	(0.1)	6.5	(2.2)	0.5	(0.1)	2.1	(0.3)	3.2	(1.3)
Trinidad and Tobago	1.4	(0.2)	2.4	(0.3)	0.5	(0.2)	4.9	(2.1)	0.8	(0.2)	1.7	(0.3)	3.1	(1.3)
Tunisia	1.5	(0.2)	2.7	(0.4)	0.4	(0.1)	6.3	(2.0)	0.8	(0.2)	2.6	(0.5)	9.2	(6.7)
United Arab Emirates	1.4	(0.1)	2.3	(0.2)	0.6	(0.1)	3.9	(1.0)	0.4	(0.1)	1.8	(0.2)	3.3	(0.7)
Uruguay	2.0	(0.4)	3.9	(0.7)	0.3	(0.1)	12.2	(4.9)	0.7	(0.2)	2.2	(0.5)	6.4	(1.8)
Viet Nam	1.0	(0.1)	1.9	(0.3)	0.2	(0.1)	10.7	(7.4)	0.0	(0.1)	0.6	(0.2)	1.9	(0.4)
Argentina**	0.7	(0.1)	1.3	(0.2)	0.2	(0.1)	7.5	(5.6)	0.4	(0.2)	0.9	(0.2)	1.7	(0.8)
Kazakhstan**	1.9	(0.2)	3.1	(0.4)	0.5	(0.1)	5.7	(1.5)	1.4	(0.4)	1.9	(0.3)	3.1	(1.1)
Malaysia**	1.3	(0.2)	2.4	(0.3)	0.4	(0.1)	6.6	(2.3)	1.0	(0.3)	1.4	(0.2)	2.6	(1.0)

1. See Annex A1 for the list of science-related occupations.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Results for Belgium in this table refer to the French and German-speaking communities only.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 2/2]

Table I.3.11c Students expecting to work as ICT professionals, 1 by gender and performance in science

Results based on students' self-reports

		Students who expect to work as information and communications technology (ICT) professionals at age 30											
		Top performers in science (students performing at Level 5 or above)		Increased likelihood of top performers in science expecting that they will work in science-related occupations		Students whose parents have not completed secondary education		Students whose parents attained secondary education as their highest level of education		Students whose father or mother completed tertiary education		Increased likelihood of students with at least one tertiary-educated parent expecting that they will work in science-related occupations	
		%	S.E.	Relative risk	S.E.	%	S.E.	%	S.E.	%	S.E.	Relative risk	S.E.
OECD	Australia	3.7	(0.7)	1.5	(0.3)	2.6	(0.5)	2.1	(0.3)	2.8	(0.2)	1.3	(0.2)
	Austria	7.8	(2.0)	2.9	(0.7)	2.1	(0.9)	3.0	(0.5)	3.3	(0.7)	1.1	(0.2)
	Belgium	5.8	(1.7)	2.0	(0.7)	4.8	(1.6)	3.8	(0.9)	2.6	(0.3)	0.7	(0.2)
	Canada	4.0	(0.7)	2.3	(0.4)	0.1	(0.1)	1.9	(0.3)	2.2	(0.2)	1.3	(0.3)
	Chile	2.3	(1.7)	5.8	(4.6)	0.0	c	0.6	(0.2)	0.4	(0.1)	0.9	(0.4)
	Czech Republic	6.3	(1.5)	2.1	(0.6)	2.0	(1.0)	3.2	(0.4)	3.7	(0.4)	1.2	(0.2)
	Denmark	3.2	(1.0)	2.9	(1.1)	1.4	(0.6)	1.4	(0.4)	1.2	(0.2)	0.9	(0.2)
	Estonia	12.5	(1.4)	1.7	(0.2)	8.0	(2.5)	8.7	(0.7)	8.0	(0.5)	0.9	(0.1)
	Finland	2.9	(0.7)	1.9	(0.6)	0.0	c	1.8	(0.5)	1.7	(0.2)	1.1	(0.3)
	France	6.3	(1.4)	2.6	(0.6)	2.8	(0.7)	2.9	(0.4)	2.8	(0.3)	1.0	(0.2)
	Germany	6.9	(1.1)	3.0	(0.6)	2.5	(0.5)	3.1	(0.5)	3.4	(0.4)	1.2	(0.2)
	Greece	6.8	(2.8)	2.3	(1.0)	3.1	(1.4)	2.4	(0.5)	3.4	(0.4)	1.3	(0.3)
	Hungary	10.1	(2.3)	2.5	(0.6)	1.3	(0.6)	4.1	(0.7)	5.0	(0.7)	1.3	(0.2)
	Iceland	6.5	(2.6)	1.6	(0.7)	6.0	(1.8)	2.7	(0.7)	4.4	(0.4)	1.3	(0.3)
	Ireland	5.7	(1.4)	1.8	(0.5)	5.1	(1.4)	3.8	(0.4)	3.2	(0.3)	0.8	(0.1)
	Israel	7.6	(1.8)	3.1	(0.8)	1.1	(0.6)	1.9	(0.3)	3.4	(0.3)	1.8	(0.3)
	Italy	4.6	(1.5)	3.1	(1.1)	1.3	(0.3)	2.0	(0.4)	1.4	(0.3)	0.8	(0.1)
	Japan	4.6	(0.8)	2.3	(0.4)	0.7	(0.7)	2.7	(0.4)	2.4	(0.3)	0.9	(0.1)
	Korea	5.0	(1.1)	2.3	(0.6)	2.5	(1.2)	1.7	(0.3)	3.0	(0.3)	1.7	(0.3)
	Latvia	9.0	(2.6)	2.5	(0.8)	4.1	(2.3)	3.5	(0.5)	4.1	(0.4)	1.2	(0.2)
	Luxembourg	3.6	(1.2)	1.3	(0.4)	2.9	(0.5)	3.6	(0.5)	2.6	(0.3)	0.8	(0.1)
	Mexico	c	c	5.3	(6.8)	1.8	(0.3)	3.3	(0.5)	2.4	(0.3)	1.1	(0.2)
	Netherlands	2.9	(0.8)	1.8	(0.6)	1.4	(0.7)	1.3	(0.3)	1.9	(0.3)	1.5	(0.4)
	New Zealand	5.8	(1.1)	3.0	(0.7)	2.1	(0.9)	2.3	(0.4)	2.8	(0.3)	1.2	(0.2)
	Norway	1.0	(0.5)	0.9	(0.5)	0.0	c	1.4	(0.3)	1.0	(0.2)	0.8	(0.2)
	Poland	4.8	(1.3)	4.4	(1.4)	0.7	(0.5)	1.3	(0.2)	1.7	(0.4)	1.4	(0.4)
	Portugal	3.2	(0.9)	2.2	(0.7)	1.1	(0.2)	1.6	(0.3)	2.2	(0.4)	1.7	(0.4)
	Slovak Republic	10.2	(2.2)	3.9	(0.9)	0.5	(0.5)	2.8	(0.3)	3.3	(0.4)	1.2	(0.2)
	Slovenia	5.2	(1.3)	2.0	(0.6)	0.3	(0.3)	2.3	(0.3)	3.5	(0.4)	1.6	(0.3)
	Spain	3.3	(1.4)	0.9	(0.4)	3.9	(0.6)	4.0	(0.6)	3.4	(0.3)	0.9	(0.1)
	Sweden	6.1	(1.4)	2.6	(0.7)	1.5	(0.8)	2.0	(0.4)	3.0	(0.3)	1.6	(0.3)
	Switzerland	3.6	(1.2)	1.6	(0.6)	2.2	(0.9)	2.0	(0.4)	2.7	(0.4)	1.3	(0.4)
	Turkey	c	c	0.0	c	0.4	(0.1)	0.4	(0.1)	0.4	(0.2)	1.0	(0.6)
	United Kingdom	3.9	(0.8)	1.6	(0.4)	4.0	(1.5)	2.7	(0.4)	2.4	(0.3)	0.9	(0.2)
United States	4.9	(1.2)	2.7	(0.8)	1.3	(0.5)	2.6	(0.5)	2.1	(0.3)	0.9	(0.2)	
OECD average	5.5	(0.3)	2.4	(0.3)	2.2	(0.2)	2.6	(0.1)	2.8	(0.1)	1.2	(0.0)	
Partners	Albania	m	m	m	m	0.9	(0.4)	1.0	(0.2)	2.3	(0.4)	2.3	(0.6)
	Algeria	c	c	m	m	0.1	(0.1)	0.2	(0.1)	0.4	(0.2)	2.8	(2.2)
	Brazil	1.3	(1.5)	1.1	(1.3)	0.8	(0.2)	1.0	(0.1)	1.7	(0.2)	1.9	(0.3)
	B-S-J-G (China)	4.7	(0.9)	2.7	(0.7)	1.7	(0.2)	2.8	(0.5)	2.6	(0.5)	1.3	(0.3)
	Bulgaria	22.2	(7.4)	2.8	(0.8)	2.1	(0.9)	6.6	(0.8)	10.3	(1.3)	1.7	(0.2)
	CABA (Argentina)	1.7	(2.5)	1.0	(1.8)	1.2	(0.7)	0.8	(0.6)	2.0	(0.5)	2.1	(1.0)
	Colombia	7.3	(5.3)	1.8	(1.3)	3.7	(0.6)	4.4	(0.5)	4.0	(0.4)	1.0	(0.1)
	Costa Rica	c	c	2.9	(4.1)	2.0	(0.4)	3.7	(0.6)	4.7	(0.4)	1.7	(0.3)
	Croatia	12.5	(2.4)	4.7	(1.1)	1.0	(0.7)	2.4	(0.4)	3.8	(0.4)	1.7	(0.3)
	Cyprus*	9.7	(3.9)	2.5	(1.0)	3.5	(1.2)	3.4	(0.4)	4.5	(0.4)	1.3	(0.2)
	Dominican Republic	c	c	m	m	2.0	(0.6)	1.8	(0.4)	2.4	(0.3)	1.3	(0.3)
	FYROM	c	c	2.3	(4.3)	1.5	(0.5)	3.7	(0.4)	4.5	(0.5)	1.4	(0.2)
	Georgia	5.8	(4.7)	2.2	(1.8)	0.0	c	2.6	(0.3)	2.9	(0.4)	1.2	(0.2)
	Hong Kong (China)	3.0	(1.0)	1.8	(0.7)	2.0	(0.4)	1.3	(0.3)	2.3	(0.5)	1.5	(0.3)
	Indonesia	c	c	2.8	(10.8)	0.3	(0.1)	0.8	(0.2)	1.4	(0.4)	2.8	(1.1)
	Jordan	c	c	1.9	(7.2)	0.0	c	0.1	(0.0)	0.3	(0.1)	7.1	(6.6)
	Kosovo	c	c	m	m	0.2	(0.2)	0.2	(0.1)	1.0	(0.2)	4.6	(2.9)
	Lebanon	c	c	0.0	c	0.3	(0.2)	0.5	(0.2)	0.7	(0.2)	1.6	(0.7)
	Lithuania	7.4	(2.3)	1.6	(0.5)	2.0	(1.4)	2.7	(0.4)	6.0	(0.4)	2.2	(0.4)
	Macao (China)	5.3	(1.4)	2.3	(0.7)	2.5	(0.4)	3.1	(0.5)	1.9	(0.4)	0.7	(0.2)
	Malta	6.1	(1.7)	1.2	(0.4)	4.1	(0.6)	4.6	(0.6)	6.0	(0.6)	1.4	(0.2)
	Moldova	10.0	(6.3)	2.0	(1.3)	1.5	(0.5)	4.8	(0.5)	6.3	(0.5)	1.5	(0.2)
	Montenegro	c	c	6.9	(4.3)	1.3	(1.3)	2.0	(0.3)	2.2	(0.2)	1.1	(0.2)
	Peru	c	c	3.1	(4.3)	1.6	(0.4)	3.9	(0.4)	4.3	(0.4)	1.3	(0.2)
	Qatar	5.2	(2.1)	4.0	(1.7)	0.9	(0.3)	0.6	(0.2)	1.6	(0.1)	2.3	(0.6)
	Romania	16.8	(8.7)	3.4	(1.8)	2.1	(0.9)	3.7	(0.5)	6.6	(0.6)	1.9	(0.3)
	Russia	8.9	(2.5)	2.3	(0.7)	5.7	(3.3)	3.8	(1.1)	4.2	(0.2)	1.0	(0.3)
	Singapore	2.7	(0.5)	2.0	(0.5)	1.8	(0.6)	1.6	(0.3)	1.7	(0.3)	1.1	(0.2)
	Chinese Taipei	5.6	(0.7)	1.9	(0.3)	3.3	(0.6)	3.4	(0.4)	3.4	(0.3)	1.0	(0.1)
	Thailand	2.4	(3.7)	1.8	(2.7)	0.9	(0.1)	1.1	(0.2)	3.0	(0.6)	3.1	(0.8)
	Trinidad and Tobago	4.8	(3.4)	3.5	(2.5)	1.2	(0.5)	1.3	(0.3)	1.8	(0.3)	1.4	(0.4)
	Tunisia	c	c	m	m	0.3	(0.2)	1.1	(0.3)	2.7	(0.4)	3.3	(0.8)
	United Arab Emirates	4.5	(1.4)	3.4	(1.0)	0.1	(0.1)	0.7	(0.2)	1.8	(0.2)	3.0	(0.9)
	Uruguay	10.9	(5.0)	5.7	(2.4)	1.2	(0.2)	2.3	(0.5)	2.9	(0.7)	1.8	(0.3)
Viet Nam	2.1	(0.8)	2.3	(1.0)	0.6	(0.1)	1.6	(0.3)	2.3	(0.9)	2.5	(1.1)	
Argentina**	1.1	(1.9)	1.5	(2.8)	0.4	(0.2)	0.7	(0.3)	1.0	(0.2)	1.9	(0.9)	
Kazakhstan**	2.8	(2.2)	1.5	(1.3)	0.0	c	0.9	(0.5)	2.0	(0.2)	2.3	(1.5)	
Malaysia**	2.0	(3.2)	1.5	(2.6)	1.3	(0.5)	1.2	(0.2)	1.8	(0.3)	1.5	(0.3)	


1. See Annex A1 for the list of science-related occupations.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Results for Belgium in this table refer to the French and German-speaking communities only.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 2/2]

Table I.3.11d Students expecting to work as science-related technicians or associate professionals,¹ by gender and performance in science

Results based on students' self-reports

		Students expecting that they will work as science-related technicians or associate professionals at age 30											
		Top performers in science (students performing at Level 5 or above)		Increased likelihood of top performers in science expecting that they will work in science-related occupations		Students whose parents have not completed secondary education		Students whose parents attained secondary education as their highest level of education		Students whose father or mother completed tertiary education		Increased likelihood of students with at least one tertiary-educated parent expecting that they will work in science-related occupations	
		%	S.E.	Relative risk	S.E.	%	S.E.	%	S.E.	%	S.E.	Relative risk	S.E.
OECD	Australia	2.3	(0.5)	1.9	(0.4)	0.5	(0.2)	1.4	(0.2)	1.5	(0.2)	1.2	(0.2)
	Austria	2.3	(0.8)	1.2	(0.4)	2.2	(1.2)	2.2	(0.3)	1.8	(0.3)	0.8	(0.2)
	Belgium	0.8	(0.7)	2.0	(1.9)	0.5	(0.5)	0.2	(0.1)	0.5	(0.2)	1.9	(1.6)
	Canada	0.5	(0.2)	0.8	(0.3)	1.3	(0.7)	0.6	(0.2)	0.6	(0.1)	0.9	(0.3)
	Chile	0.3	(1.3)	0.2	(0.9)	2.0	(0.6)	1.5	(0.3)	1.1	(0.3)	0.7	(0.2)
	Czech Republic	2.8	(1.0)	1.3	(0.5)	2.0	(0.9)	2.4	(0.4)	2.2	(0.4)	1.0	(0.2)
	Denmark	1.3	(0.8)	2.2	(1.4)	0.6	(0.2)	1.7	(0.5)	0.5	(0.1)	0.4	(0.1)
	Estonia	0.3	(0.2)	0.3	(0.3)	0.5	(0.5)	1.1	(0.3)	0.7	(0.1)	0.7	(0.2)
	Finland	0.8	(0.4)	1.1	(0.6)	1.1	(1.0)	0.2	(0.1)	0.8	(0.1)	2.9	(2.3)
	France	0.9	(0.5)	1.0	(0.6)	1.3	(0.7)	1.3	(0.3)	0.7	(0.2)	0.5	(0.2)
	Germany	1.3	(0.5)	1.1	(0.5)	1.5	(0.3)	1.5	(0.4)	1.2	(0.2)	0.8	(0.2)
	Greece	0.9	(1.1)	1.0	(1.3)	1.2	(0.7)	1.2	(0.4)	0.7	(0.2)	0.5	(0.2)
	Hungary	0.8	(0.6)	0.8	(0.6)	0.3	(0.3)	1.1	(0.2)	1.1	(0.3)	1.1	(0.3)
	Iceland	0.0	c	0.0	c	0.0	c	0.0	c	0.1	(0.1)	m	m
	Ireland	1.7	(0.9)	1.3	(0.7)	0.3	(0.3)	0.8	(0.2)	1.7	(0.2)	2.2	(0.7)
	Israel	0.5	(0.5)	1.2	(1.3)	0.0	c	0.6	(0.2)	0.4	(0.1)	0.8	(0.3)
	Italy	1.6	(0.9)	0.9	(0.5)	2.5	(0.6)	2.0	(0.3)	1.5	(0.2)	0.7	(0.1)
	Japan	1.6	(0.5)	2.1	(0.8)	0.0	c	0.7	(0.2)	1.1	(0.2)	1.6	(0.6)
	Korea	3.1	(0.8)	1.4	(0.4)	2.6	(1.5)	2.9	(0.5)	1.8	(0.2)	0.6	(0.1)
	Latvia	0.9	(1.1)	1.2	(1.5)	0.0	c	0.6	(0.2)	0.9	(0.2)	1.5	(0.5)
	Luxembourg	0.5	(0.4)	0.3	(0.3)	0.8	(0.3)	2.2	(0.4)	1.1	(0.2)	0.7	(0.2)
	Mexico	c	c	0.0	c	0.8	(0.2)	1.0	(0.3)	1.2	(0.2)	1.4	(0.3)
	Netherlands	2.3	(0.6)	1.8	(0.6)	2.3	(0.8)	1.3	(0.3)	1.4	(0.2)	1.0	(0.2)
	New Zealand	0.9	(0.4)	1.6	(0.8)	0.0	c	0.7	(0.2)	0.7	(0.2)	1.1	(0.4)
	Norway	2.5	(1.0)	0.6	(0.2)	1.8	(1.2)	6.1	(0.8)	3.7	(0.3)	0.6	(0.1)
	Poland	0.8	(0.7)	0.8	(0.7)	0.6	(0.5)	1.1	(0.2)	0.8	(0.3)	0.7	(0.3)
	Portugal	0.2	(0.2)	0.4	(0.5)	0.4	(0.1)	0.5	(0.2)	0.3	(0.1)	0.8	(0.4)
	Slovak Republic	1.9	(0.9)	0.8	(0.4)	0.0	c	2.5	(0.3)	2.4	(0.3)	1.0	(0.1)
	Slovenia	3.5	(1.1)	0.4	(0.1)	7.2	(3.0)	10.8	(0.7)	6.9	(0.5)	0.7	(0.1)
	Spain	1.2	(0.7)	2.0	(1.2)	0.7	(0.2)	0.9	(0.3)	0.5	(0.1)	0.7	(0.2)
	Sweden	6.4	(1.4)	2.3	(0.6)	3.3	(1.0)	2.5	(0.5)	3.4	(0.3)	1.3	(0.2)
	Switzerland	1.8	(0.7)	0.6	(0.2)	5.1	(1.0)	2.9	(0.6)	2.7	(0.3)	0.7	(0.1)
	Turkey	c	c	0.0	c	0.4	(0.1)	0.6	(0.2)	0.5	(0.2)	1.1	(0.7)
United Kingdom	0.2	(0.2)	0.9	(0.7)	0.6	(0.5)	0.3	(0.1)	0.2	(0.1)	0.6	(0.3)	
United States	0.3	(0.4)	0.4	(0.5)	0.3	(0.2)	0.8	(0.2)	0.8	(0.1)	1.1	(0.3)	
	OECD average	1.4	(0.1)	1.0	(0.1)	1.3	(0.1)	1.7	(0.1)	1.4	(0.0)	1.0	(0.1)
Partners	Albania	m	m	m	m	1.2	(0.4)	0.9	(0.2)	1.1	(0.2)	1.1	(0.3)
	Algeria	c	c	m	m	0.3	(0.2)	0.3	(0.2)	0.1	(0.0)	0.2	(0.2)
	Brazil	0.1	(0.2)	0.3	(0.5)	0.4	(0.1)	0.4	(0.1)	0.5	(0.1)	1.3	(0.5)
	B-S-J-G (China)	0.2	(0.2)	0.5	(0.4)	0.4	(0.1)	0.4	(0.2)	0.6	(0.1)	1.5	(0.7)
	Bulgaria	0.3	(0.5)	0.1	(0.3)	2.6	(1.3)	2.5	(0.5)	1.6	(0.3)	0.6	(0.1)
	CABA (Argentina)	0.0	c	0.0	c	0.5	(0.4)	0.4	(0.4)	0.3	(0.2)	0.8	(0.5)
	Colombia	0.0	(0.1)	0.0	(0.1)	1.3	(0.3)	1.3	(0.3)	0.9	(0.2)	0.7	(0.2)
	Costa Rica	c	c	1.0	(3.1)	2.3	(0.4)	2.5	(0.5)	2.5	(0.3)	1.1	(0.2)
	Croatia	0.7	(0.9)	0.2	(0.2)	3.8	(1.5)	4.4	(0.6)	4.0	(0.4)	0.9	(0.1)
	Cyprus*	0.0	c	0.0	c	0.3	(0.3)	0.3	(0.1)	0.2	(0.1)	0.7	(0.5)
	Dominican Republic	c	c	m	m	1.5	(0.7)	1.1	(0.3)	0.7	(0.2)	0.5	(0.2)
	FYROM	c	c	7.8	(9.8)	1.8	(0.5)	2.1	(0.3)	1.9	(0.3)	1.0	(0.2)
	Georgia	0.0	c	0.0	c	0.0	c	0.2	(0.1)	0.0	c	0.0	c
	Hong Kong (China)	0.9	(0.5)	3.5	(2.5)	0.3	(0.2)	0.3	(0.1)	0.4	(0.1)	1.7	(0.8)
	Indonesia	c	c	0.0	c	0.1	(0.1)	0.2	(0.1)	0.1	(0.1)	0.6	(0.7)
	Jordan	c	c	3.0	(7.9)	1.1	(0.4)	1.2	(0.3)	0.7	(0.2)	0.6	(0.2)
	Kosovo	c	c	m	m	0.0	c	0.5	(0.2)	0.3	(0.1)	0.8	(0.5)
	Lebanon	c	c	0.0	c	0.6	(0.3)	0.5	(0.2)	0.4	(0.1)	0.7	(0.3)
	Lithuania	0.8	(0.7)	2.5	(2.5)	0.0	c	0.5	(0.2)	0.3	(0.1)	0.5	(0.3)
	Macao (China)	1.4	(0.6)	3.4	(2.0)	0.5	(0.2)	0.4	(0.2)	0.5	(0.2)	1.0	(0.5)
	Malta	1.2	(0.8)	1.2	(1.0)	1.3	(0.3)	1.0	(0.3)	0.8	(0.2)	0.7	(0.3)
	Moldova	0.0	c	0.0	c	0.6	(0.4)	0.6	(0.1)	0.5	(0.1)	0.8	(0.2)
	Montenegro	c	c	0.3	(0.8)	2.8	(1.6)	2.9	(0.4)	2.0	(0.2)	0.7	(0.1)
	Peru	c	c	0.0	c	0.3	(0.2)	0.6	(0.2)	0.5	(0.1)	0.9	(0.4)
	Qatar	1.8	(1.2)	2.1	(1.5)	0.0	c	0.5	(0.2)	1.0	(0.1)	3.2	(1.4)
	Romania	0.3	(1.5)	0.6	(2.5)	0.4	(0.3)	0.5	(0.2)	0.6	(0.1)	1.3	(0.7)
	Russia	0.5	(0.4)	0.4	(0.3)	2.0	(2.0)	2.1	(0.8)	1.3	(0.1)	0.6	(0.3)
	Singapore	0.4	(0.2)	0.8	(0.4)	1.0	(0.5)	0.6	(0.2)	0.4	(0.1)	0.5	(0.2)
	Chinese Taipei	3.5	(0.7)	1.6	(0.4)	2.0	(0.6)	2.4	(0.4)	2.5	(0.3)	1.1	(0.2)
	Thailand	0.0	c	0.0	c	0.3	(0.1)	0.1	(0.1)	0.3	(0.2)	1.5	(0.8)
	Trinidad and Tobago	0.4	(0.9)	1.2	(3.3)	0.2	(0.2)	0.3	(0.2)	0.3	(0.1)	0.9	(0.6)
	Tunisia	c	c	m	m	0.1	(0.1)	0.1	(0.1)	0.1	(0.1)	1.0	(1.4)
	United Arab Emirates	0.1	(0.3)	0.2	(0.4)	0.2	(0.2)	0.4	(0.2)	0.8	(0.1)	2.1	(0.7)
Uruguay	0.4	(1.0)	0.5	(1.4)	0.8	(0.2)	0.7	(0.2)	0.6	(0.2)	0.7	(0.3)	
Viet Nam	0.5	(0.4)	1.4	(1.0)	0.3	(0.1)	0.3	(0.1)	1.0	(0.5)	3.0	(1.6)	
	Argentina**	0.0	c	0.0	c	0.7	(0.2)	1.1	(0.4)	0.9	(0.2)	1.1	(0.3)
	Kazakhstan**	0.9	(1.0)	0.5	(0.6)	5.0	(2.8)	2.0	(0.6)	1.7	(0.2)	0.7	(0.2)
	Malaysia**	3.3	(2.9)	6.1	(5.5)	0.5	(0.2)	0.6	(0.1)	0.6	(0.2)	1.0	(0.4)

1. See Annex A1 for the list of science-related occupations.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Results for Belgium in this table refer to the French and German-speaking communities only.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/1]

Table I.3.12 Socio-economic indicators and student expectations of a science-related career

	Economic, science and education indicators					
	Per capita GDP (in equivalent USD converted using PPPs) 2014 ^{1,2}	Per capita gross expenditure on research and development (GERD, in equivalent USD converted using PPPs) ^{2,3}	Percentage of 35-44 year-olds with tertiary education ⁴	Entry rates in tertiary science-related programmes ⁴ (%)	First age of selection in the education system ⁵ (years)	Proportion of students who expect to work in science-related occupations ⁶ at age 30, expressed as a percentage of all 15-year-olds ⁷ (%)
	(1)	(2)	(3)	(4)	(5)	(6)
OECD						
Australia	45 925	m	46	m	16.0	26.5
Austria	47 682	1 383	33	27.4	10.0	18.6
Belgium	43 435	1 049	42	m	12.0	22.7
Canada	45 066	709	61	m	16.0	28.3
Chile	22 071	85	24	41.5	16.0	30.3
Czech Republic	31 186	605	21	30.1	11.0	15.8
Denmark	45 537	1 384	41	34.0	16.0	13.2
Estonia	28 140	386	39	m	16.0	22.9
Finland	40 676	1 265	50	30.1	16.0	16.6
France	39 328	905	39	m	15.0	19.3
Germany	46 401	1 318	29	26.7	10.0	14.7
Greece	26 851	216	27	m	15.0	23.1
Hungary	25 069	338	25	m	11.0	16.4
Iceland	43 993	819	42	29.6	16.0	22.2
Ireland	49 393	731	49	m	15.0	26.3
Israel	33 703	1 413	53	26.8	15.0	26.1
Italy	35 463	458	19	17.8	14.0	18.1
Japan	36 619	1 309	29	30.9	15.0	17.1
Korea	33 395	1 485	56	m	15.0	17.7
Latvia	23 548	158	31	m	16.0	18.9
Luxembourg	98 460	1 226	56	8.8	13.0	18.5
Mexico	17 315	92	17	16.8	15.0	25.1
Netherlands	48 253	940	38	23.7	12.0	15.5
New Zealand	37 679	m	41	35.2	16.0	22.4
Norway	65 614	1 107	49	m	16.0	26.1
Poland	25 262	229	32	28.5	16.0	19.1
Portugal	28 760	365	26	25.9	15.0	24.1
Slovak Republic	28 327	245	21	24.8	11.0	16.7
Slovenia	30 403	714	35	31.7	14.0	28.6
Spain	33 629	410	43	m	16.0	26.0
Sweden	45 297	1 426	46	25.4	16.0	18.9
Switzerland	59 540	m	45	29.9	12.0	18.7
Turkey	19 788	189	16	24.7	11.0	20.8
United Kingdom	40 233	678	46	25.3	16.0	24.5
United States	54 630	m	47	m	16.0	31.7
Partners						
Albania	11 108	m	m	m	15.0	20.9
Algeria	14 244	m	m	m	m	20.5
Brazil	15 893	m	14	m	15.0	27.4
B-S-J-G (China)	m	m	m	m	15.0	10.7
Bulgaria	17 260	133	m	m	13.0	22.1
Colombia	13 357	26	23	22.5	15.0	29.6
Costa Rica	14 885	m	18	m	15.0	27.9
Croatia	20 939	167	m	m	14.0	21.9
Cyprus*	29 790	108	m	m	15.0	28.4
Dominican Republic	13 964	m	m	m	16.0	31.3
FYROM	13 523	m	m	m	15.0	22.9
Georgia	6 666	8	m	m	15.0	13.4
Hong Kong (China)	55 196	m	m	m	15.0	20.9
Indonesia	10 517	m	9	m	15.0	10.5
Jordan	12 050	m	m	m	16.0	37.6
Kosovo	9 114	m	m	m	m	18.7
Lebanon	17 462	m	m	m	m	26.2
Lithuania	27 581	273	38	m	16.0	21.6
Macao (China)	127 051	121	m	m	15.0	18.4
Malta	31 661	266	m	m	16.0	24.8
Moldova	4 983	16	m	m	m	20.4
Montenegro	14 656	52	m	m	15.0	19.1
Peru	12 043	m	m	m	16.0	28.8
Qatar	138 050	m	m	m	16.0	35.5
Romania	20 348	75	m	m	14.0	21.6
Russia	22 990	310	55	m	15.5	22.4
Singapore	82 515	1 797	m	m	12.0	26.8
Chinese Taipei	22 648	m	m	m	15.0	17.8
Thailand	16 804	76	m	m	15.0	13.9
Trinidad and Tobago	31 967	25	m	m	m	21.2
Tunisia	11 436	72	m	m	m	32.0
United Arab Emirates	67 674	474	m	m	15.0	37.5
Uruguay	20 881	70	m	m	15.0	20.1
Viet Nam	5 629	m	m	m	15.0	9.5
Argentina**	21 795	m	m	m	14.0	13.0
Kazakhstan**	23 429	m	m	m	15.0	26.4
Malaysia**	25 639	324	m	m	15.0	22.2
Correlation, among all countries/ economies, with column (6)	0.14	-0.06	0.17	0.12	0.33	
Correlation, among OECD countries, with column (6)	-0.06	-0.32	0.25	0.20	0.48	

1. Source: OECD, PISA 2015 Database, Table II.6.59.

2. The natural logarithm is used to compute the correlation with column 6.

3. Source: UIS, *Science Technology and Innovation database* (Extracted on 30 August 2016 from <http://data.uis.unesco.org/>). Data refer to 2014 or latest available year after 2012.4. Source: OECD, *Education at a Glance 2015*: OECD Indicators.

5. Source: OECD, PISA 2015 Database, Table II.5.27.


6. See Annex A1 for the list of science-related occupations.

7. Source: Tables I.3.10b and I.6.1 (Coverage index 3).

Note: Results for Belgium in column (6) refer to the French and German-speaking communities only.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

StatLink  <http://dx.doi.org/10.1787/888933433183>



[Part 1/1]

Table I.4.1a Percentage of students at each proficiency level in reading

		All students									
		Below Level 1b	Level 1b	Level 1a	Level 2	Level 3	Level 4	Level 5	Level 6		
		(below 262.04	(from 262.04 to	(from 334.75 to	(from 407.47 to	(from 480.18 to	(from 552.89 to	(from 625.61 to	(from 625.61 to	(above 698.32	
		score points)	less than 334.75	less than 407.47	less than 480.18	less than 552.89	less than 625.61	less than 625.61	score points)	score points)	
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Australia	1.2 (0.2)	4.8 (0.2)	12.0 (0.5)	21.4 (0.6)	27.5 (0.6)	22.0 (0.6)	9.0 (0.5)	2.0 (0.2)		
	Austria	1.7 (0.3)	6.5 (0.7)	14.3 (0.8)	23.5 (0.9)	27.0 (1.1)	19.7 (0.7)	6.4 (0.5)	0.8 (0.2)		
	Belgium	1.0 (0.2)	5.3 (0.4)	13.2 (0.6)	21.1 (0.7)	26.8 (0.8)	23.2 (0.7)	8.4 (0.5)	1.0 (0.2)		
	Canada	0.4 (0.1)	2.1 (0.3)	8.2 (0.5)	19.0 (0.6)	29.7 (0.7)	26.6 (0.7)	11.6 (0.6)	2.4 (0.3)		
	Chile	1.3 (0.3)	7.4 (0.6)	19.8 (0.9)	29.9 (1.2)	27.0 (0.9)	12.4 (0.8)	2.2 (0.3)	0.1 (0.0)		
	Czech Republic	1.3 (0.3)	6.0 (0.6)	14.7 (0.7)	23.3 (0.8)	27.5 (1.0)	19.3 (0.9)	6.9 (0.5)	1.0 (0.2)		
	Denmark	0.5 (0.1)	3.3 (0.3)	11.2 (0.6)	24.1 (0.8)	32.4 (0.8)	22.0 (0.8)	5.9 (0.6)	0.6 (0.2)		
	Estonia	0.2 (0.1)	2.1 (0.3)	8.4 (0.7)	21.6 (0.7)	31.4 (0.9)	25.4 (0.9)	9.7 (0.6)	1.4 (0.2)		
	Finland	0.6 (0.1)	2.6 (0.3)	7.8 (0.5)	17.6 (0.8)	29.7 (0.9)	27.9 (1.0)	11.7 (0.6)	2.0 (0.3)		
	France	2.3 (0.4)	6.5 (0.6)	12.7 (0.5)	19.0 (0.8)	24.5 (0.9)	22.5 (0.8)	10.5 (0.7)	2.0 (0.2)		
	Germany	0.9 (0.2)	4.1 (0.5)	11.2 (0.7)	21.0 (1.0)	27.6 (0.9)	23.5 (0.9)	9.7 (0.7)	1.9 (0.3)		
	Greece	2.3 (0.5)	7.8 (1.0)	17.2 (1.0)	25.3 (1.0)	27.2 (1.1)	16.1 (0.9)	3.8 (0.4)	0.3 (0.1)		
	Hungary	1.4 (0.3)	8.1 (0.8)	18.0 (0.9)	24.5 (0.8)	27.0 (1.0)	16.8 (0.8)	3.9 (0.4)	0.4 (0.1)		
	Iceland	1.8 (0.3)	6.0 (0.5)	14.3 (0.9)	26.0 (1.1)	27.3 (0.9)	18.0 (0.7)	5.8 (0.5)	0.8 (0.2)		
	Ireland	0.2 (0.1)	1.7 (0.3)	8.3 (0.7)	21.0 (0.9)	31.8 (1.1)	26.4 (0.8)	9.4 (0.6)	1.3 (0.2)		
	Israel	3.3 (0.5)	8.1 (0.7)	15.2 (0.8)	21.7 (1.0)	24.0 (0.9)	18.5 (0.9)	7.7 (0.6)	1.4 (0.3)		
	Italy	1.0 (0.2)	5.4 (0.4)	14.5 (0.8)	25.4 (1.0)	28.8 (0.8)	19.2 (0.9)	5.1 (0.4)	0.6 (0.1)		
	Japan	0.6 (0.2)	3.0 (0.4)	9.2 (0.7)	19.8 (0.9)	30.5 (0.9)	26.0 (1.0)	9.5 (0.8)	1.3 (0.3)		
	Korea	0.7 (0.2)	3.4 (0.5)	9.5 (0.7)	19.3 (1.0)	28.9 (1.0)	25.5 (1.2)	10.8 (0.8)	1.9 (0.3)		
	Latvia	0.4 (0.2)	3.8 (0.4)	13.4 (0.8)	27.2 (0.8)	32.1 (0.9)	18.7 (0.8)	4.0 (0.4)	0.3 (0.1)		
	Luxembourg	1.9 (0.3)	7.8 (0.5)	15.9 (0.7)	22.0 (0.8)	24.7 (0.7)	19.4 (0.7)	7.0 (0.4)	1.2 (0.2)		
	Mexico	2.0 (0.3)	11.4 (0.8)	28.4 (0.9)	34.2 (1.0)	19.5 (0.9)	4.2 (0.5)	0.3 (0.1)	0.0 (0.0)		
	Netherlands	1.1 (0.2)	4.4 (0.4)	12.6 (0.8)	21.8 (0.9)	26.6 (1.1)	22.7 (0.8)	9.5 (0.6)	1.4 (0.3)		
	New Zealand	1.0 (0.2)	4.8 (0.5)	11.5 (0.7)	20.6 (0.7)	26.5 (0.9)	22.0 (0.9)	11.0 (0.7)	2.6 (0.4)		
	Norway	0.8 (0.2)	3.6 (0.4)	10.6 (0.6)	20.4 (0.7)	28.5 (0.8)	23.9 (0.8)	10.1 (0.6)	2.1 (0.4)		
	Poland	0.5 (0.2)	3.2 (0.4)	10.8 (0.6)	22.5 (0.8)	31.4 (0.8)	23.5 (0.9)	7.5 (0.6)	0.7 (0.2)		
	Portugal	0.6 (0.1)	3.9 (0.4)	12.7 (0.7)	23.2 (0.8)	30.2 (0.9)	21.9 (1.0)	6.9 (0.6)	0.6 (0.2)		
	Slovak Republic	4.4 (0.5)	9.4 (0.6)	18.3 (0.8)	25.7 (0.8)	24.8 (0.9)	14.0 (0.7)	3.2 (0.4)	0.2 (0.1)		
	Slovenia	0.5 (0.1)	3.4 (0.3)	11.2 (0.5)	22.5 (0.9)	30.3 (0.9)	23.1 (0.8)	8.0 (0.7)	1.0 (0.4)		
	Spain	0.7 (0.2)	3.5 (0.4)	12.0 (0.7)	24.4 (0.8)	32.3 (1.0)	21.6 (0.8)	5.1 (0.5)	0.4 (0.1)		
	Sweden	1.5 (0.3)	4.8 (0.5)	12.2 (0.8)	21.7 (0.8)	27.5 (0.8)	22.5 (1.0)	8.5 (0.7)	1.5 (0.3)		
	Switzerland	1.2 (0.3)	5.2 (0.6)	13.5 (0.7)	23.2 (0.9)	28.1 (1.0)	20.9 (0.9)	6.9 (0.6)	0.9 (0.2)		
	Turkey	2.3 (0.3)	10.9 (1.0)	26.8 (1.4)	32.6 (1.5)	21.1 (1.4)	5.7 (0.9)	0.6 (0.2)	0.0 (0.0)		
United Kingdom	0.8 (0.2)	4.0 (0.4)	13.1 (0.7)	24.3 (0.9)	28.4 (0.7)	20.3 (0.8)	7.7 (0.5)	1.5 (0.2)			
United States	1.1 (0.2)	4.8 (0.5)	13.0 (0.8)	22.9 (0.9)	28.0 (0.9)	20.5 (0.9)	8.2 (0.6)	1.4 (0.2)			
EU total	1.4 (0.1)	5.1 (0.1)	13.2 (0.2)	22.8 (0.3)	27.8 (0.3)	21.0 (0.2)	7.5 (0.2)	1.2 (0.1)			
OECD total	1.3 (0.1)	5.7 (0.2)	15.0 (0.3)	24.2 (0.3)	26.9 (0.3)	18.9 (0.3)	7.0 (0.2)	1.1 (0.1)			
OECD average	1.3 (0.0)	5.2 (0.1)	13.6 (0.1)	23.2 (0.2)	27.9 (0.2)	20.5 (0.1)	7.2 (0.1)	1.1 (0.0)			
Partners	Albania	7.4 (0.7)	15.9 (1.1)	27.0 (1.2)	27.3 (1.1)	16.3 (1.0)	5.1 (0.7)	0.9 (0.2)	0.1 (0.1)		
	Algeria	11.0 (1.0)	31.2 (1.2)	36.8 (1.2)	17.0 (1.2)	3.7 (0.6)	0.3 (0.1)	0.0 (0.0)	0.0 (0.0)		c
	Brazil	7.1 (0.5)	17.4 (0.7)	26.5 (0.6)	25.0 (0.7)	16.2 (0.6)	6.4 (0.5)	1.3 (0.2)	0.1 (0.1)		
	B-S-J-G (China)	2.1 (0.4)	6.2 (0.6)	13.5 (0.8)	20.9 (1.1)	25.4 (1.1)	20.9 (1.2)	9.1 (1.0)	1.8 (0.4)		
	Bulgaria	7.7 (0.9)	14.3 (1.2)	19.5 (1.0)	22.0 (1.0)	21.2 (1.3)	11.7 (1.0)	3.2 (0.4)	0.4 (0.1)		
	CABA (Argentina)	1.5 (0.5)	5.8 (1.1)	14.5 (1.7)	28.2 (2.1)	30.1 (2.0)	16.2 (2.0)	3.5 (1.0)	0.3 (0.2)		
	Colombia	3.2 (0.5)	13.6 (1.0)	26.1 (1.0)	29.2 (0.9)	19.9 (0.9)	7.0 (0.5)	0.9 (0.2)	0.0 (0.0)		
	Costa Rica	1.7 (0.3)	10.3 (0.7)	28.3 (1.0)	34.6 (1.0)	19.2 (1.1)	5.2 (0.6)	0.6 (0.2)	0.0 (0.0)		
	Croatia	0.6 (0.1)	4.5 (0.4)	14.8 (0.9)	26.6 (0.9)	28.6 (1.0)	19.0 (0.9)	5.4 (0.5)	0.5 (0.1)		
	Cyprus*	4.4 (0.4)	11.4 (0.6)	19.8 (1.0)	27.0 (0.7)	23.0 (0.8)	11.3 (0.6)	2.8 (0.3)	0.2 (0.1)		
	Dominican Republic	13.1 (1.1)	28.2 (1.2)	30.8 (1.2)	19.5 (1.1)	7.0 (0.7)	1.3 (0.3)	0.1 (0.1)	0.0 (0.0)		c
	FYROM	18.8 (0.7)	24.1 (0.8)	27.7 (0.9)	19.3 (0.8)	8.1 (0.6)	1.7 (0.2)	0.2 (0.1)	0.0 (0.0)		
	Georgia	9.5 (0.7)	16.4 (0.8)	25.8 (0.8)	25.4 (0.9)	16.1 (0.8)	5.7 (0.5)	1.1 (0.2)	0.1 (0.1)		
	Hong Kong (China)	0.3 (0.1)	2.0 (0.3)	7.0 (0.6)	18.1 (0.9)	32.1 (1.1)	29.0 (1.0)	10.4 (0.8)	1.1 (0.2)		
	Indonesia	3.8 (0.7)	16.8 (1.1)	34.8 (1.0)	30.9 (1.1)	11.7 (0.8)	1.9 (0.3)	0.1 (0.1)	0.0 (0.0)		
	Jordan	7.4 (0.7)	13.7 (0.8)	25.2 (0.9)	30.7 (0.8)	18.7 (0.9)	4.1 (0.4)	0.3 (0.1)	0.0 (0.0)		
	Kosovo	14.6 (0.7)	28.0 (1.0)	34.2 (1.1)	19.4 (0.9)	3.6 (0.4)	0.2 (0.1)	0.0 (0.0)	0.0 (0.0)		c
	Lebanon	24.1 (1.5)	24.5 (1.3)	21.7 (1.1)	15.8 (1.0)	9.4 (0.8)	3.6 (0.5)	0.7 (0.2)	0.1 (0.1)		
	Lithuania	1.3 (0.2)	6.7 (0.5)	17.1 (0.7)	27.1 (0.8)	26.7 (0.9)	16.7 (0.9)	4.1 (0.5)	0.4 (0.1)		
	Macao (China)	0.3 (0.1)	2.1 (0.3)	9.3 (0.5)	23.1 (0.8)	34.2 (0.9)	24.4 (0.9)	6.2 (0.5)	0.5 (0.1)		
	Malta	7.5 (0.5)	11.1 (0.8)	17.0 (0.9)	22.5 (0.8)	22.5 (0.8)	13.9 (0.7)	4.7 (0.4)	0.9 (0.2)		
	Moldova	5.9 (0.5)	14.7 (0.7)	25.1 (0.9)	27.7 (0.9)	18.7 (0.8)	6.6 (0.6)	1.1 (0.2)	0.1 (0.1)		
	Montenegro	4.1 (0.3)	13.0 (0.7)	24.9 (0.8)	28.6 (0.7)	20.2 (0.6)	7.9 (0.5)	1.3 (0.3)	0.1 (0.1)		
	Peru	6.4 (0.6)	19.2 (1.0)	28.3 (1.1)	27.3 (0.9)	15.0 (0.8)	3.5 (0.5)	0.3 (0.1)	0.0 (0.0)		
	Qatar	11.1 (0.3)	17.7 (0.4)	22.8 (0.6)	22.7 (0.5)	16.8 (0.5)	7.4 (0.3)	1.4 (0.2)	0.1 (0.0)		
	Romania	3.7 (0.5)	11.6 (0.9)	23.4 (1.2)	29.5 (1.2)	21.3 (1.2)	8.4 (0.8)	1.8 (0.4)	0.2 (0.1)		
	Russia	0.3 (0.1)	3.2 (0.4)	12.8 (1.0)	27.1 (1.0)	30.7 (1.1)	19.3 (1.0)	5.9 (0.6)	0.8 (0.2)		
	Singapore	0.3 (0.1)	2.5 (0.2)	8.3 (0.4)	16.9 (0.5)	26.2 (0.7)	27.4 (0.7)	14.7 (0.7)	3.6 (0.4)		
	Chinese Taipei	1.0 (0.2)	4.4 (0.4)	11.8 (0.6)	22.4 (0.8)	31.3 (1.0)	22.1 (0.9)	6.3 (0.7)	0.6 (0.2)		
	Thailand	2.8 (0.4)	15.1 (1.1)	32.1 (1.0)	31.1 (1.0)	15.0 (1.0)	3.7 (0.5)	0.3 (0.1)	0.0 (0.0)		
	Trinidad and Tobago	5.7 (0.5)	14.3 (0.7)	22.5 (0.9)	25.6 (1.0)	20.3 (0.9)	9.2 (0.6)	2.2 (0.3)	0.2 (0.1)		
	Tunisia	11.1 (1.1)	26.6 (1.1)	33.9 (1.2)	21.0 (1.1)	6.5 (0.6)	0.8 (0.2)	0.1 (0.1)	0.0 (0.0)		c
	United Arab Emirates	5.4 (0.4)	13.2 (0.6)	21.8 (0.7)	25.4 (0.6)	20.5 (0.8)	10.7 (0.6)	2.7 (0.3)	0.3 (0.1)		
Uruguay	3.0 (0.3)	12.5 (0.7)	23.5 (0.8)	27.8 (0.8)	21.3 (0.8)	9.3 (0.6)	2.3 (0.4)	0.2 (0.1)			
Viet Nam	0.1 (0.1)	1.7 (0.4)	12.1 (1.3)	32.5 (1.5)	35.2 (1.3)	15.8 (1.2)	2.5 (0.7)	0.1 (0.1)			
Argentina**	3.3 (0.4)	12.7 (0.9)	25.7 (1.0)	30.7 (1.0)	20.2 (1.0)	6.4 (0.6)	0.9 (0.2)	0.1 (0.0)			
Kazakhstan**	1.7 (0.4)	10.6 (0.8)	29.0 (1.6)	33.4 (1.2)	18.8 (1.3)	5.6 (0.8)	0.8 (0.3)	0.0 (0.0)			
Malaysia**	2.5 (0.4)	10.3 (0.8)	24.5 (1.1)	34.2 (1.0)	23.2 (1.2)	5.0 (0.6)	0.4 (0.1)	0.0 (0.0)			

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

StatLink <http://dx.doi.org/10.1787/888934331195>

[Part 1/2]

Table I.4.2a Percentage of low achievers and top performers in reading, 2009 through 2015


	Proficiency levels in PISA 2009				Proficiency levels in PISA 2012				Proficiency levels in PISA 2015			
	Below Level 2 (less than 407.47 score points)		Level 5 or above (above 625.61 score points)		Below Level 2 (less than 407.47 score points)		Level 5 or above (above 625.61 score points)		Below Level 2 (less than 407.47 score points)		Level 5 or above (above 625.61 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD												
Australia	14.2	(0.6)	12.8	(0.8)	14.2	(0.5)	11.7	(0.5)	18.1	(0.5)	11.0	(0.5)
Austria	m	m	m	m	19.5	(1.1)	5.5	(0.6)	22.5	(1.0)	7.2	(0.6)
Belgium	17.7	(0.9)	11.2	(0.6)	16.1	(0.8)	11.8	(0.6)	19.5	(0.9)	9.3	(0.6)
Canada	10.3	(0.5)	12.8	(0.5)	10.9	(0.5)	12.9	(0.6)	10.7	(0.6)	14.0	(0.7)
Chile	30.6	(1.5)	1.3	(0.3)	33.0	(1.7)	0.6	(0.1)	28.4	(1.2)	2.3	(0.3)
Czech Republic	23.1	(1.3)	5.1	(0.5)	16.9	(1.2)	6.1	(0.5)	22.0	(1.1)	7.9	(0.6)
Denmark	15.2	(0.9)	4.7	(0.5)	14.6	(1.1)	5.4	(0.6)	15.0	(0.8)	6.5	(0.6)
Estonia	13.3	(1.0)	6.1	(0.6)	9.1	(0.6)	8.3	(0.7)	10.6	(0.7)	11.0	(0.7)
Finland	8.1	(0.5)	14.5	(0.8)	11.3	(0.7)	13.5	(0.6)	11.1	(0.8)	13.7	(0.7)
France	19.8	(1.2)	9.6	(1.0)	18.9	(1.0)	12.9	(0.8)	21.5	(0.9)	12.5	(0.7)
Germany	18.5	(1.1)	7.6	(0.6)	14.5	(0.9)	8.9	(0.7)	16.2	(0.9)	11.7	(0.7)
Greece	21.3	(1.8)	5.6	(0.5)	22.6	(1.2)	5.1	(0.6)	27.3	(1.8)	4.0	(0.5)
Hungary	17.6	(1.4)	6.1	(0.7)	19.7	(1.2)	5.6	(0.8)	27.5	(1.1)	4.3	(0.4)
Iceland	16.8	(0.6)	8.5	(0.6)	21.0	(0.7)	5.8	(0.5)	22.1	(1.0)	6.6	(0.6)
Ireland	17.2	(1.0)	7.0	(0.5)	9.6	(0.9)	11.4	(0.7)	10.2	(0.8)	10.7	(0.7)
Israel	26.5	(1.2)	7.4	(0.6)	23.6	(1.6)	9.6	(0.8)	26.6	(1.3)	9.2	(0.7)
Italy	21.0	(0.6)	5.8	(0.3)	19.5	(0.7)	6.7	(0.3)	21.0	(1.0)	5.7	(0.5)
Japan	13.6	(1.1)	13.4	(0.9)	9.8	(0.9)	18.5	(1.3)	12.9	(1.0)	10.8	(0.9)
Korea	5.8	(0.8)	12.9	(1.1)	7.6	(0.9)	14.1	(1.2)	13.7	(1.0)	12.7	(1.0)
Latvia	17.6	(1.2)	2.9	(0.4)	17.0	(1.1)	4.2	(0.6)	17.7	(0.9)	4.3	(0.5)
Luxembourg	26.0	(0.6)	5.7	(0.5)	22.2	(0.7)	8.9	(0.4)	25.6	(0.6)	8.1	(0.4)
Mexico	40.1	(1.0)	0.4	(0.1)	41.1	(0.9)	0.4	(0.1)	41.7	(1.3)	0.3	(0.1)
Netherlands	14.3	(1.5)	9.8	(1.1)	14.0	(1.2)	9.8	(0.8)	18.1	(1.0)	10.9	(0.6)
New Zealand	14.3	(0.7)	15.7	(0.8)	16.3	(0.8)	14.0	(0.8)	17.3	(0.8)	13.6	(0.9)
Norway	15.0	(0.8)	8.4	(0.9)	16.2	(1.0)	10.2	(0.7)	14.9	(0.8)	12.2	(0.7)
Poland	15.0	(0.8)	7.2	(0.6)	10.6	(0.8)	10.0	(0.9)	14.4	(0.8)	8.2	(0.7)
Portugal	17.6	(1.2)	4.8	(0.5)	18.8	(1.4)	5.8	(0.6)	17.2	(0.9)	7.5	(0.6)
Slovak Republic	22.2	(1.2)	4.5	(0.5)	28.2	(1.8)	4.4	(0.7)	32.1	(1.1)	3.5	(0.4)
Slovenia	21.2	(0.6)	4.6	(0.5)	21.1	(0.7)	5.0	(0.4)	15.1	(0.6)	8.9	(0.7)
Spain	19.6	(0.9)	3.3	(0.3)	18.3	(0.8)	5.5	(0.3)	16.2	(0.9)	5.5	(0.5)
Sweden	17.4	(0.9)	9.0	(0.7)	22.7	(1.2)	7.9	(0.6)	18.4	(1.1)	10.0	(0.8)
Switzerland	16.8	(0.9)	8.1	(0.7)	13.7	(0.8)	9.1	(0.7)	20.0	(1.1)	7.8	(0.6)
Turkey	24.5	(1.4)	1.9	(0.4)	21.6	(1.4)	4.3	(0.9)	40.0	(2.0)	0.6	(0.2)
United Kingdom	18.4	(0.8)	8.0	(0.5)	16.6	(1.3)	8.8	(0.7)	17.9	(0.9)	9.2	(0.6)
United States	17.6	(1.1)	9.9	(0.9)	16.6	(1.3)	7.9	(0.7)	19.0	(1.1)	9.6	(0.7)
OECD average-34	18.5	(0.2)	7.5	(0.1)	17.9	(0.2)	8.4	(0.1)	20.0	(0.2)	8.4	(0.1)
OECD average-35	m	m	m	m	17.9	(0.2)	8.3	(0.1)	20.1	(0.2)	8.3	(0.1)
Partners												
Albania	56.7	(1.9)	0.2	(0.1)	52.3	(1.3)	1.2	(0.2)	50.3	(1.9)	1.0	(0.2)
Algeria	m	m	m	m	m	m	m	m	79.0	(1.6)	0.0	(0.0)
Brazil	49.6	(1.3)	1.3	(0.2)	50.8	(1.1)	0.5	(0.1)	51.0	(1.1)	1.4	(0.2)
B-S-J-G (China)	m	m	m	m	m	m	m	m	21.9	(1.5)	10.9	(1.3)
Bulgaria	41.0	(2.6)	2.8	(0.5)	39.4	(2.2)	4.3	(0.6)	41.5	(2.0)	3.6	(0.5)
CABA (Argentina)	m	m	m	m	37.1	(2.9)	2.6	(0.7)	21.8	(2.3)	3.8	(1.1)
Colombia	47.1	(1.9)	0.6	(0.2)	51.4	(1.8)	0.3	(0.1)	42.8	(1.5)	1.0	(0.2)
Costa Rica	32.6	(1.5)	0.8	(0.3)	32.4	(1.8)	0.6	(0.2)	40.3	(1.4)	0.7	(0.2)
Croatia	22.4	(1.3)	3.2	(0.4)	18.7	(1.3)	4.4	(0.7)	19.9	(1.1)	5.9	(0.5)
Cyprus*	m	m	m	m	32.8	(0.7)	4.0	(0.3)	35.6	(0.8)	3.1	(0.3)
Dominican Republic	m	m	m	m	m	m	m	m	72.1	(1.5)	0.1	(0.1)
FYROM	m	m	m	m	m	m	m	m	70.7	(0.7)	0.2	(0.1)
Georgia	62.0	(1.3)	0.3	(0.1)	m	m	m	m	51.7	(1.3)	1.1	(0.2)
Hong Kong (China)	8.3	(0.7)	12.4	(0.8)	6.8	(0.7)	16.8	(1.2)	9.3	(0.8)	11.6	(0.9)
Indonesia	53.4	(2.3)	0.0	(0.0)	55.2	(2.2)	0.1	(0.1)	55.4	(1.5)	0.2	(0.1)
Jordan	48.0	(1.6)	0.2	(0.1)	50.7	(1.6)	0.1	(0.1)	46.3	(1.4)	0.3	(0.1)
Kosovo	m	m	m	m	m	m	m	m	76.9	(0.9)	0.0	c
Lebanon	m	m	m	m	m	m	m	m	70.4	(1.6)	0.8	(0.2)
Lithuania	24.4	(1.2)	2.9	(0.4)	21.2	(1.2)	3.3	(0.4)	25.1	(0.9)	4.4	(0.5)
Macao (China)	14.9	(0.5)	2.9	(0.2)	11.5	(0.4)	7.0	(0.4)	11.7	(0.5)	6.7	(0.5)
Malta	36.3	(0.7)	4.4	(0.4)	m	m	m	m	35.6	(0.8)	5.6	(0.4)
Moldova	57.2	(1.5)	0.1	(0.1)	m	m	m	m	45.8	(1.1)	1.2	(0.2)
Montenegro	49.5	(1.0)	0.6	(0.2)	43.3	(0.7)	1.0	(0.2)	41.9	(0.7)	1.4	(0.3)
Peru	64.8	(1.7)	0.5	(0.2)	59.9	(2.0)	0.5	(0.2)	53.9	(1.5)	0.3	(0.1)
Qatar	63.5	(0.5)	1.7	(0.2)	57.1	(0.4)	1.6	(0.1)	51.6	(0.5)	1.6	(0.2)
Romania	40.4	(2.0)	0.7	(0.2)	37.3	(1.9)	1.6	(0.4)	38.7	(1.9)	2.0	(0.4)
Russia	27.4	(1.3)	3.2	(0.5)	22.3	(1.3)	4.6	(0.6)	16.2	(1.2)	6.6	(0.6)
Singapore	12.5	(0.5)	15.7	(0.5)	9.9	(0.4)	21.2	(0.6)	11.1	(0.5)	18.4	(0.7)
Chinese Taipei	15.6	(0.9)	5.2	(0.8)	11.5	(0.9)	11.8	(0.8)	17.2	(0.8)	6.9	(0.8)
Thailand	42.9	(1.5)	0.3	(0.2)	33.0	(1.4)	0.8	(0.2)	50.0	(1.8)	0.3	(0.1)
Trinidad and Tobago	44.8	(0.7)	2.3	(0.3)	m	m	m	m	42.5	(0.9)	2.4	(0.3)
Tunisia	50.2	(1.6)	0.2	(0.1)	49.3	(2.2)	0.2	(0.2)	71.6	(1.3)	0.1	(0.1)
United Arab Emirates	m	m	m	m	35.5	(1.1)	2.2	(0.3)	40.4	(1.2)	3.0	(0.3)
Uruguay	41.9	(1.2)	1.8	(0.3)	47.0	(1.4)	0.9	(0.3)	39.0	(1.1)	2.5	(0.4)
Viet Nam	m	m	m	m	9.4	(1.4)	4.5	(0.8)	13.8	(1.4)	2.7	(0.7)
Argentina**	51.6	(1.9)	1.0	(0.2)	53.6	(1.7)	0.5	(0.1)	41.8	(1.6)	1.0	(0.2)
Kazakhstan**	58.7	(1.5)	0.4	(0.1)	57.1	(1.6)	0.0	(0.0)	41.3	(1.9)	0.8	(0.3)
Malaysia**	44.0	(1.6)	0.1	(0.1)	52.7	(1.7)	0.1	(0.1)	37.2	(1.7)	0.4	(0.2)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

For Costa Rica, Georgia, Malta and Moldova, the change between the PISA 2009 and PISA 2015 represents change between 2010 and 2015 because these countries implemented the PISA 2009 assessment in 2010 as part of PISA 2009+.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 2/2]

Table 1.4.2a Percentage of low achievers and top performers in reading, 2009 through 2015


	Change between 2009 and 2015 (PISA 2015 – PISA 2009)				Change between 2012 and 2015 (PISA 2015 – PISA 2012)			
	Below Level 2 (less than 407.47 score points)		Level 5 or above (above 625.61 score points)		Below Level 2 (less than 407.47 score points)		Level 5 or above (above 625.61 score points)	
	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.
OECD								
Australia	3.8	(1.1)	-1.7	(1.1)	3.9	(1.8)	-0.7	(1.6)
Austria	m	m	m	m	3.0	(2.1)	1.7	(1.3)
Belgium	1.8	(1.4)	-1.8	(1.0)	3.5	(2.0)	-2.4	(1.6)
Canada	0.4	(0.9)	1.3	(1.3)	-0.2	(1.1)	1.2	(2.4)
Chile	-2.2	(2.5)	1.0	(0.4)	-4.6	(4.3)	1.7	(0.3)
Czech Republic	-1.0	(2.0)	2.8	(0.9)	5.2	(2.8)	1.8	(1.3)
Denmark	-0.2	(1.4)	1.8	(0.9)	0.4	(2.2)	1.1	(1.2)
Estonia	-2.7	(1.3)	5.0	(1.1)	1.5	(1.5)	2.7	(1.8)
Finland	3.0	(1.0)	-0.8	(1.4)	-0.3	(1.3)	0.2	(2.5)
France	1.7	(1.6)	2.9	(1.4)	2.6	(1.9)	-0.4	(2.0)
Germany	-2.2	(1.5)	4.0	(1.1)	1.7	(2.0)	2.7	(1.7)
Greece	6.0	(2.9)	-1.6	(0.7)	4.7	(3.9)	-1.1	(0.8)
Hungary	9.9	(2.2)	-1.8	(0.8)	7.8	(3.4)	-1.4	(1.0)
Iceland	5.3	(1.7)	-1.9	(0.9)	1.1	(3.1)	0.8	(1.2)
Ireland	-7.1	(1.4)	3.7	(1.2)	0.6	(1.7)	-0.7	(2.1)
Israel	0.0	(1.9)	1.8	(1.0)	3.0	(2.8)	-0.5	(1.5)
Italy	-0.1	(1.5)	-0.2	(0.6)	1.5	(2.4)	-1.0	(0.9)
Japan	-0.7	(1.6)	-2.6	(1.5)	3.1	(1.7)	-7.7	(2.5)
Korea	7.9	(1.4)	-0.2	(1.7)	6.0	(1.8)	-1.5	(2.5)
Latvia	0.1	(1.8)	1.4	(0.7)	0.7	(2.5)	0.2	(0.9)
Luxembourg	-0.4	(1.4)	2.5	(0.8)	3.5	(2.7)	-0.8	(1.1)
Mexico	1.7	(2.9)	-0.1	(0.1)	0.7	(6.3)	-0.1	(0.1)
Netherlands	3.7	(2.0)	1.1	(1.3)	4.1	(2.4)	1.1	(1.6)
New Zealand	3.0	(1.3)	-2.1	(1.4)	1.0	(1.7)	-0.3	(2.1)
Norway	-0.1	(1.2)	3.8	(1.3)	-1.3	(1.7)	2.0	(1.9)
Poland	-0.6	(1.3)	1.0	(1.1)	3.8	(1.9)	-1.8	(1.6)
Portugal	-0.4	(1.6)	2.7	(0.9)	-1.6	(2.3)	1.7	(1.3)
Slovak Republic	9.9	(2.0)	-1.0	(0.7)	3.9	(3.3)	-0.9	(0.8)
Slovenia	-6.1	(1.0)	4.3	(0.9)	-6.0	(1.5)	3.9	(1.3)
Spain	-3.3	(1.5)	2.2	(0.7)	-2.1	(2.1)	0.0	(0.9)
Sweden	1.0	(1.6)	0.9	(1.3)	-4.3	(2.3)	2.0	(1.8)
Switzerland	3.2	(1.7)	-0.3	(1.0)	6.3	(2.6)	-1.3	(1.3)
Turkey	15.5	(3.5)	-1.3	(0.4)	18.3	(6.3)	-3.8	(0.9)
United Kingdom	-0.6	(1.4)	1.1	(0.9)	1.3	(2.5)	0.4	(1.4)
United States	1.4	(1.7)	-0.3	(1.3)	2.4	(2.4)	1.7	(1.4)
OECD average-34	1.5	(0.9)	0.8	(0.4)	2.1	(1.9)	0.0	(1.0)
OECD average-35	m	m	m	m	2.1	(1.9)	0.0	(1.0)
Partners								
Albania	-6.4	(3.1)	0.8	(0.3)	-2.1	(4.9)	-0.2	(0.3)
Algeria	m	m	m	m	m	m	m	m
Brazil	1.4	(2.7)	0.1	(0.3)	0.2	(4.9)	1.0	(0.3)
B-S-J-G (China)	m	m	m	m	m	m	m	m
Bulgaria	0.5	(3.4)	0.8	(0.7)	2.1	(3.8)	-0.8	(0.8)
CABA (Argentina)	m	m	m	m	-15.3	(4.4)	1.2	(1.4)
Colombia	-4.3	(3.3)	0.4	(0.2)	-8.6	(5.5)	0.7	(0.2)
Costa Rica	7.7	(4.0)	-0.1	(0.3)	7.9	(8.3)	0.1	(0.3)
Croatia	-2.6	(2.0)	2.7	(0.7)	1.2	(2.9)	1.5	(1.0)
Cyprus*	m	m	m	m	2.9	(3.2)	-0.9	(0.6)
Dominican Republic	m	m	m	m	m	m	m	m
FYROM	m	m	m	m	m	m	m	m
Georgia	-10.3	(2.5)	0.8	(0.3)	m	m	m	m
Hong Kong (China)	1.0	(1.1)	-0.9	(1.4)	2.5	(1.2)	-5.3	(2.6)
Indonesia	2.0	(4.6)	0.1	(0.1)	0.1	(8.7)	0.1	(0.1)
Jordan	-1.7	(3.0)	0.0	(0.1)	-4.4	(5.2)	0.1	(0.2)
Kosovo	m	m	m	m	m	m	m	m
Lebanon	m	m	m	m	m	m	m	m
Lithuania	0.7	(1.9)	1.5	(0.7)	3.9	(3.2)	1.2	(0.8)
Macao (China)	-3.2	(0.9)	3.8	(0.7)	0.2	(1.6)	-0.3	(1.2)
Malta	-0.8	(1.3)	1.2	(0.6)	m	m	m	m
Moldova	-11.4	(3.0)	1.1	(0.2)	m	m	m	m
Montenegro	-7.7	(2.6)	0.8	(0.3)	-1.4	(5.2)	0.4	(0.4)
Peru	-10.9	(2.9)	-0.2	(0.2)	-6.0	(5.2)	-0.2	(0.2)
Qatar	-11.9	(1.4)	-0.2	(0.2)	-5.6	(3.1)	-0.1	(0.2)
Romania	-1.7	(3.4)	1.3	(0.4)	1.5	(5.2)	0.4	(0.6)
Russia	-11.1	(2.1)	3.5	(0.8)	-6.1	(3.1)	2.0	(1.0)
Singapore	-1.3	(0.8)	2.7	(1.3)	1.3	(0.9)	-2.8	(2.6)
Chinese Taipei	1.6	(1.4)	1.8	(1.2)	5.7	(2.1)	-4.9	(1.4)
Thailand	7.1	(3.8)	0.0	(0.2)	17.0	(7.7)	-0.5	(0.3)
Trinidad and Tobago	-2.3	(1.9)	0.2	(0.4)	m	m	m	m
Tunisia	21.4	(3.0)	-0.2	(0.1)	22.3	(5.8)	-0.2	(0.2)
United Arab Emirates	m	m	m	m	4.9	(3.9)	0.8	(0.5)
Uruguay	-2.9	(2.3)	0.8	(0.5)	-8.0	(4.2)	1.6	(0.5)
Viet Nam	m	m	m	m	4.4	(2.9)	-1.9	(1.1)
Argentina**	-9.8	(3.1)	0.0	(0.3)	-11.8	(4.9)	0.4	(0.2)
Kazakhstan**	-17.4	(3.9)	0.5	(0.3)	-15.8	(7.4)	0.8	(0.3)
Malaysia**	-6.7	(3.1)	0.3	(0.2)	-15.5	(5.7)	0.3	(0.2)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Costa Rica, Georgia, Malta and Moldova conducted the PISA 2009 assessment in 2010 as part of PISA 2009+.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/3]

Table 1.4.4a Mean reading performance, 2000 through 2015

	PISA 2000		PISA 2003		PISA 2006		PISA 2009		PISA 2012		PISA 2015	
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD												
Australia	528	(3.5)	525	(2.1)	513	(2.1)	515	(2.3)	512	(1.6)	503	(1.7)
Austria	492	(2.7)	491	(3.8)	490	(4.1)	m	m	490	(2.8)	485	(2.8)
Belgium	507	(3.6)	507	(2.6)	501	(3.0)	506	(2.3)	509	(2.3)	499	(2.4)
Canada	534	(1.6)	528	(1.7)	527	(2.4)	524	(1.5)	523	(1.9)	527	(2.3)
Chile	410	(3.6)	m	m	442	(5.0)	449	(3.1)	441	(2.9)	459	(2.6)
Czech Republic	492	(2.4)	489	(3.5)	483	(4.2)	478	(2.9)	493	(2.9)	487	(2.6)
Denmark	497	(2.4)	492	(2.8)	494	(3.2)	495	(2.1)	496	(2.6)	500	(2.5)
Estonia	m	m	m	m	501	(2.9)	501	(2.6)	516	(2.0)	519	(2.2)
Finland	546	(2.6)	543	(1.6)	547	(2.1)	536	(2.3)	524	(2.4)	526	(2.5)
France	505	(2.7)	496	(2.7)	488	(4.1)	496	(3.4)	505	(2.8)	499	(2.5)
Germany	484	(2.5)	491	(3.4)	495	(4.4)	497	(2.7)	508	(2.8)	509	(3.0)
Greece	474	(5.0)	472	(4.1)	460	(4.0)	483	(4.3)	477	(3.3)	467	(4.3)
Hungary	480	(4.0)	482	(2.5)	482	(3.3)	494	(3.2)	488	(3.2)	470	(2.7)
Iceland	507	(1.5)	492	(1.6)	484	(1.9)	500	(1.4)	483	(1.8)	482	(2.0)
Ireland	527	(3.2)	515	(2.6)	517	(3.5)	496	(3.0)	523	(2.6)	521	(2.5)
Israel	452	(8.5)	m	m	439	(4.6)	474	(3.6)	486	(5.0)	479	(3.8)
Italy	487	(2.9)	476	(3.0)	469	(2.4)	486	(1.6)	490	(2.0)	485	(2.7)
Japan	522	(5.2)	498	(3.9)	498	(3.6)	520	(3.5)	538	(3.7)	516	(3.2)
Korea	525	(2.4)	534	(3.1)	556	(3.8)	539	(3.5)	536	(3.9)	517	(3.5)
Latvia	458	(5.3)	491	(3.7)	479	(3.7)	484	(3.0)	489	(2.4)	488	(1.8)
Luxembourg	m	m	479	(1.5)	479	(1.3)	472	(1.3)	488	(1.5)	481	(1.4)
Mexico	422	(3.3)	400	(4.1)	410	(3.1)	425	(2.0)	424	(1.5)	423	(2.6)
Netherlands	m	m	513	(2.9)	507	(2.9)	508	(5.1)	511	(3.5)	503	(2.4)
New Zealand	529	(2.8)	522	(2.5)	521	(3.0)	521	(2.4)	512	(2.4)	509	(2.4)
Norway	505	(2.8)	500	(2.8)	484	(3.2)	503	(2.6)	504	(3.2)	513	(2.5)
Poland	479	(4.5)	497	(2.9)	508	(2.8)	500	(2.6)	518	(3.1)	506	(2.5)
Portugal	470	(4.5)	478	(3.7)	472	(3.6)	489	(3.1)	488	(3.8)	498	(2.7)
Slovak Republic	m	m	469	(3.1)	466	(3.1)	477	(2.5)	463	(4.2)	453	(2.8)
Slovenia	m	m	m	m	494	(1.0)	483	(1.0)	481	(1.2)	505	(1.5)
Spain	493	(2.7)	481	(2.6)	461	(2.2)	481	(2.0)	488	(1.9)	496	(2.4)
Sweden	516	(2.2)	514	(2.4)	507	(3.4)	497	(2.9)	483	(3.0)	500	(3.5)
Switzerland	494	(4.2)	499	(3.3)	499	(3.1)	501	(2.4)	509	(2.6)	492	(3.0)
Turkey	m	m	441	(5.8)	447	(4.2)	464	(3.5)	475	(4.2)	428	(4.0)
United Kingdom	m	m	m	m	495	(2.3)	494	(2.3)	499	(3.5)	498	(2.8)
United States	504	(7.0)	495	(3.2)	m	m	500	(3.7)	498	(3.7)	497	(3.4)
OECD average-24	501	(0.7)	497	(0.6)	495	(0.7)	499	(0.6)	501	(0.6)	498	(0.6)
OECD average-28	496	(0.7)	m	m	m	m	m	m	498	(0.6)	495	(0.5)
OECD average-30	m	m	494	(0.6)	m	m	m	m	498	(0.5)	493	(0.5)
OECD average-34-R	m	m	m	m	489	(0.6)	m	m	496	(0.5)	493	(0.5)
OECD average-34	m	m	m	m	m	m	494	(0.5)	497	(0.5)	493	(0.5)
OECD average-35	m	m	m	m	m	m	m	m	496	(0.5)	493	(0.5)
Partners												
Albania	349	(3.3)	m	m	m	m	385	(4.0)	394	(3.2)	405	(4.1)
Algeria	m	m	m	m	m	m	m	m	m	m	350	(3.0)
Brazil	396	(3.1)	403	(4.6)	393	(3.7)	412	(2.7)	407	(2.0)	407	(2.8)
B-S-J-G (China)	m	m	m	m	m	m	m	m	m	m	494	(5.1)
Bulgaria	430	(4.9)	m	m	402	(6.9)	429	(6.7)	436	(6.0)	432	(5.0)
CABA (Argentina)	m	m	m	m	m	m	m	m	429	(9.0)	475	(7.2)
Colombia	m	m	m	m	385	(5.1)	413	(3.7)	403	(3.4)	425	(2.9)
Costa Rica	m	m	m	m	m	m	443	(3.2)	441	(3.5)	427	(2.6)
Croatia	m	m	m	m	477	(2.8)	476	(2.9)	485	(3.3)	487	(2.7)
Cyprus*	m	m	m	m	m	m	m	m	449	(1.2)	443	(1.7)
Dominican Republic	m	m	m	m	m	m	m	m	m	m	358	(3.1)
FYROM	373	(1.9)	m	m	m	m	m	m	m	m	352	(1.4)
Georgia	m	m	m	m	m	m	374	(2.9)	m	m	401	(3.0)
Hong Kong (China)	525	(2.9)	510	(3.7)	536	(2.4)	533	(2.1)	545	(2.8)	527	(2.7)
Indonesia	371	(4.0)	382	(3.4)	393	(5.9)	402	(3.7)	396	(4.2)	397	(2.9)
Jordan	m	m	m	m	401	(3.3)	405	(3.3)	399	(3.6)	408	(2.9)
Kosovo	m	m	m	m	m	m	m	m	m	m	347	(1.6)
Lebanon	m	m	m	m	m	m	m	m	m	m	347	(4.4)
Lithuania	m	m	m	m	470	(3.0)	468	(2.4)	477	(2.5)	472	(2.7)
Macao (China)	m	m	498	(2.2)	492	(1.1)	487	(0.9)	509	(0.9)	509	(1.3)
Malta	m	m	m	m	m	m	442	(1.6)	m	m	447	(1.8)
Moldova	m	m	m	m	m	m	388	(2.8)	m	m	416	(2.5)
Montenegro	m	m	m	m	392	(1.2)	408	(1.7)	422	(1.2)	427	(1.6)
Peru	327	(4.4)	m	m	m	m	370	(4.0)	384	(4.3)	398	(2.9)
Qatar	m	m	m	m	312	(1.2)	372	(0.8)	388	(0.8)	402	(1.0)
Romania	428	(3.5)	m	m	396	(4.7)	424	(4.1)	438	(4.0)	434	(4.1)
Russia	462	(4.2)	442	(3.9)	440	(4.3)	459	(3.3)	475	(3.0)	495	(3.1)
Singapore	m	m	m	m	m	m	526	(1.1)	542	(1.4)	535	(1.6)
Chinese Taipei	m	m	m	m	496	(3.4)	495	(2.6)	523	(3.0)	497	(2.5)
Thailand	431	(3.2)	420	(2.8)	417	(2.6)	421	(2.6)	441	(3.1)	409	(3.3)
Trinidad and Tobago	m	m	m	m	m	m	416	(1.2)	m	m	427	(1.5)
Tunisia	m	m	375	(2.8)	380	(4.0)	404	(2.9)	404	(4.5)	361	(3.1)
United Arab Emirates	m	m	m	m	m	m	m	m	442	(2.5)	434	(2.9)
Uruguay	m	m	434	(3.4)	413	(3.4)	426	(2.6)	411	(3.2)	437	(2.5)
Viet Nam	m	m	m	m	m	m	m	m	508	(4.4)	487	(3.7)
Argentina**	418	(9.9)	m	m	374	(7.2)	398	(4.6)	396	(3.7)	425	(3.2)
Kazakhstan**	m	m	m	m	m	m	390	(3.1)	393	(2.7)	427	(3.4)
Malaysia**	m	m	m	m	m	m	414	(2.9)	398	(3.3)	431	(3.5)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

The average 3-year trend is the average change between the earliest available measurement in PISA and PISA 2015.

The curvilinear trend is estimated by a regression of performance on time (measured in years since 2015) and time-squared. The linear term is the estimated annual increase (if positive) or decrease (if negative) in performance in 2015. The quadratic term is the rate at which changes in performance are accelerating (if of the same sign as the linear term) or decelerating (if of opposite sign). The curvilinear trend is only reported for countries/economies with at least four comparable performance measures prior to 2015.

Albania, Argentina, Bulgaria, Chile, the FYROM, Indonesia, Peru and Thailand conducted the PISA 2000 assessment in 2001, Hong Kong (China), Israel and Romania in 2002, as part of PISA 2000+. Costa Rica, Georgia, Malta and Moldova conducted the PISA 2009 assessment in 2010 as part of PISA 2009+. Estimates of the average three-year trend and the curvilinear trend for these countries consider the exact year in which the assessment was conducted.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 2/3]

Table I.4.4a Mean reading performance, 2000 through 2015

	Change between 2000 and 2015 (PISA 2015 – PISA 2000)		Change between 2003 and 2015 (PISA 2015 – PISA 2003)		Change between 2006 and 2015 (PISA 2015 – PISA 2006)		Change between 2009 and 2015 (PISA 2015 – PISA 2009)		Change between 2012 and 2015 (PISA 2015 – PISA 2012)	
	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD										
Australia	-25	(7.8)	-23	(6.0)	-10	(7.1)	-12	(4.5)	-9	(5.7)
Austria	-7	(7.8)	-6	(7.2)	-5	(8.3)	m	m	-5	(6.6)
Belgium	-9	(8.0)	-8	(6.4)	-2	(7.7)	-7	(4.8)	-10	(6.2)
Canada	-8	(7.4)	-1	(6.1)	0	(7.4)	2	(4.4)	4	(6.1)
Chile	49	(8.1)	m	m	16	(8.7)	9	(5.3)	17	(6.5)
Czech Republic	-4	(7.7)	-1	(6.9)	5	(8.2)	9	(5.2)	-6	(6.5)
Denmark	3	(7.6)	7	(6.6)	5	(7.8)	5	(4.7)	4	(6.4)
Estonia	m	m	m	m	18	(7.6)	18	(4.9)	3	(6.1)
Finland	-20	(7.7)	-17	(6.2)	-20	(7.4)	-9	(4.8)	2	(6.3)
France	-5	(7.7)	3	(6.5)	12	(8.2)	4	(5.5)	-6	(6.5)
Germany	25	(7.8)	18	(7.0)	14	(8.5)	12	(5.3)	1	(6.7)
Greece	-7	(9.5)	-5	(8.0)	7	(8.9)	-16	(7.0)	-10	(7.6)
Hungary	-10	(8.3)	-12	(6.5)	-13	(7.8)	-25	(5.4)	-19	(6.7)
Iceland	-25	(7.2)	-10	(6.0)	-3	(7.2)	-19	(4.2)	-1	(5.9)
Ireland	-6	(7.9)	5	(6.5)	4	(7.9)	25	(5.2)	-2	(6.3)
Israel	27	(11.5)	m	m	40	(8.9)	5	(6.3)	-7	(8.2)
Italy	-3	(7.9)	9	(6.7)	16	(7.5)	-1	(4.6)	-5	(6.2)
Japan	-6	(9.1)	18	(7.4)	18	(8.2)	-4	(5.8)	-22	(7.2)
Korea	-7	(8.0)	-17	(7.1)	-39	(8.4)	-22	(6.0)	-18	(7.4)
Latvia	30	(8.8)	-3	(6.8)	8	(7.8)	4	(4.9)	-1	(6.0)
Luxembourg	m	m	2	(5.8)	2	(6.9)	9	(3.9)	-6	(5.7)
Mexico	1	(8.0)	24	(7.2)	13	(7.7)	-2	(4.7)	0	(6.0)
Netherlands	m	m	-10	(6.6)	-4	(7.6)	-5	(6.6)	-8	(6.7)
New Zealand	-20	(7.7)	-12	(6.4)	-12	(7.6)	-12	(4.8)	-3	(6.3)
Norway	8	(7.8)	13	(6.6)	29	(7.8)	10	(5.0)	9	(6.7)
Poland	27	(8.5)	9	(6.6)	-2	(7.6)	5	(5.0)	-12	(6.6)
Portugal	28	(8.6)	21	(7.1)	26	(8.0)	9	(5.3)	10	(7.0)
Slovak Republic	m	m	-17	(6.8)	-14	(7.8)	-25	(5.1)	-10	(7.3)
Slovenia	m	m	m	m	11	(6.8)	22	(3.9)	24	(5.6)
Spain	3	(7.7)	15	(6.4)	35	(7.4)	15	(4.6)	8	(6.1)
Sweden	-16	(8.0)	-14	(6.9)	-7	(8.2)	3	(5.7)	17	(7.0)
Switzerland	-2	(8.6)	-7	(7.0)	-7	(7.9)	-8	(5.2)	-17	(6.6)
Turkey	m	m	-13	(8.8)	-19	(8.8)	-36	(6.3)	-47	(7.8)
United Kingdom	m	m	m	m	3	(7.5)	4	(5.0)	-1	(6.9)
United States	-7	(10.4)	2	(7.1)	m	m	-3	(6.1)	-1	(7.3)
OECD average-24	-3	(6.9)	1	(5.5)	3	(6.7)	-2	(3.5)	-4	(5.3)
OECD average-28	-1	(6.9)	m	m	m	m	m	m	-3	(5.3)
OECD average-30	m	m	-1	(5.4)	m	m	m	m	-6	(5.3)
OECD average-34-R	m	m	m	m	4	(6.6)	m	m	-4	(5.3)
OECD average-34	m	m	m	m	m	m	-1	(3.5)	-4	(5.3)
OECD average-35	m	m	m	m	m	m	m	m	-4	(5.3)
Partners										
Albania	56	(8.6)	m	m	m	m	20	(6.7)	11	(7.4)
Algeria	m	m	m	m	m	m	m	m	m	m
Brazil	11	(8.0)	5	(7.6)	14	(8.1)	-4	(5.2)	1	(6.3)
B-S-J-G (China)	m	m	m	m	m	m	m	m	m	m
Bulgaria	1	(9.8)	m	m	30	(10.8)	3	(9.0)	-4	(9.4)
CABA (Argentina)	m	m	m	m	m	m	m	m	46	(12.7)
Colombia	m	m	m	m	40	(8.8)	12	(5.9)	22	(6.9)
Costa Rica	m	m	m	m	m	m	-15	(5.4)	-13	(6.8)
Croatia	m	m	m	m	9	(7.7)	11	(5.2)	2	(6.8)
Cyprus*	m	m	m	m	m	m	m	m	-6	(5.6)
Dominican Republic	m	m	m	m	m	m	m	m	m	m
FYROM	-21	(7.2)	m	m	m	m	m	m	m	m
Georgia	m	m	m	m	m	m	27	(5.4)	m	m
Hong Kong (China)	1	(7.9)	17	(7.1)	-9	(7.5)	-6	(4.8)	-18	(6.5)
Indonesia	27	(8.4)	16	(7.0)	4	(9.3)	-4	(5.8)	1	(7.3)
Jordan	m	m	m	m	8	(7.9)	3	(5.6)	9	(7.0)
Kosovo	m	m	m	m	m	m	m	m	m	m
Lebanon	m	m	m	m	m	m	m	m	m	m
Lithuania	m	m	m	m	2	(7.7)	4	(5.0)	-5	(6.4)
Macao (China)	m	m	11	(5.9)	16	(6.8)	22	(3.8)	0	(5.5)
Malta	m	m	m	m	m	m	5	(4.2)	m	m
Moldova	m	m	m	m	m	m	28	(5.1)	m	m
Montenegro	m	m	m	m	35	(6.9)	19	(4.1)	5	(5.6)
Peru	70	(8.6)	m	m	m	m	28	(6.0)	13	(7.4)
Qatar	m	m	m	m	90	(6.8)	30	(3.7)	14	(5.4)
Romania	6	(8.7)	m	m	38	(9.1)	9	(6.7)	-4	(7.7)
Russia	33	(8.5)	52	(7.4)	55	(8.5)	35	(5.7)	19	(6.8)
Singapore	m	m	m	m	m	m	9	(3.9)	-7	(5.7)
Chinese Taipei	m	m	m	m	1	(7.8)	2	(5.0)	-26	(6.6)
Thailand	-22	(8.2)	-11	(6.9)	-8	(7.8)	-12	(5.5)	-32	(7.0)
Trinidad and Tobago	m	m	m	m	m	m	11	(3.9)	m	m
Tunisia	m	m	-14	(6.8)	-19	(8.3)	-43	(5.4)	-43	(7.6)
United Arab Emirates	m	m	m	m	m	m	m	m	-8	(6.5)
Uruguay	m	m	2	(6.9)	24	(7.9)	11	(5.0)	25	(6.6)
Viet Nam	m	m	m	m	m	m	m	m	-21	(7.8)
Argentina**	7	(12.4)	m	m	52	(10.3)	27	(6.6)	29	(7.2)
Kazakhstan**	m	m	m	m	m	m	37	(5.7)	34	(6.8)
Malaysia**	m	m	m	m	m	m	17	(5.7)	32	(7.1)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).


The average 3-year trend is the average change between the earliest available measurement in PISA and PISA 2015.

The curvilinear trend is estimated by a regression of performance on time (measured in years since 2015) and time-squared. The linear term is the estimated annual increase (if positive) or decrease (if negative) in performance in 2015. The quadratic term is the rate at which changes in performance are accelerating (if of the same sign as the linear term) or decelerating (if of opposite sign). The curvilinear trend is only reported for countries/economies with at least four comparable performance measures prior to 2015.

Albania, Argentina, Bulgaria, Chile, the FYROM, Indonesia, Peru and Thailand conducted the PISA 2000 assessment in 2001, Hong Kong (China), Israel and Romania in 2002, as part of PISA 2000+. Costa Rica, Georgia, Malta and Moldova conducted the PISA 2009 assessment in 2010 as part of PISA 2009+. Estimates of the average three-year trend and the curvilinear trend for these countries consider the exact year in which the assessment was conducted.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 3/3]

Table 1.4.4a Mean reading performance, 2000 through 2015

	Average 3-year trend in reading performance across PISA assessments (since 2000 or earliest assessment available)			Average 3-year trend in reading performance across PISA assessments (since 2009 or earliest assessment available after 2009)			Curvilinear trend in reading performance since 2000, 2001, 2002 or 2003			
	Score dif.	S.E.	p-value	Score dif.	S.E.	p-value	Annual rate of change in rate of 2015 (linear term)		Rate of acceleration or deceleration in performance (quadratic term)	
							Coef.	S.E.	Coef.	S.E.
OECD										
Australia	-4.7	(1.4)	0.001	-5.9	(2.2)	0.008	-1.3	(1.1)	0.0	(0.1)
Austria	-1.2	(1.4)	0.396	-4.9	(6.5)	0.452	-0.9	(1.6)	0.0	(0.1)
Belgium	-0.9	(1.4)	0.524	-3.5	(2.4)	0.137	-0.7	(1.2)	0.0	(0.1)
Canada	-1.6	(1.3)	0.238	1.3	(2.2)	0.556	1.0	(1.1)	0.1	(0.1)
Chile	9.0	(1.7)	0.000	4.6	(2.7)	0.085	-0.3	(1.5)	-0.2	(0.1)
Czech Republic	-0.4	(1.4)	0.792	4.6	(2.6)	0.077	1.9	(1.3)	0.1	(0.1)
Denmark	0.8	(1.4)	0.569	2.5	(2.4)	0.282	1.4	(1.2)	0.1	(0.1)
Estonia	7.1	(2.3)	0.002	9.2	(2.4)	0.000	m	m	m	m
Finland	-4.9	(1.4)	0.000	-4.8	(2.4)	0.046	-2.6	(1.2)	-0.1	(0.1)
France	0.2	(1.4)	0.883	1.7	(2.7)	0.536	2.6	(1.3)	0.2	(0.1)
Germany	5.0	(1.4)	0.000	5.8	(2.7)	0.028	1.6	(1.3)	0.0	(0.1)
Greece	0.1	(1.6)	0.973	-8.1	(3.5)	0.020	-0.5	(1.6)	0.0	(0.1)
Hungary	-0.6	(1.5)	0.689	-12.3	(2.7)	0.000	-4.0	(1.3)	-0.3	(0.1)
Iceland	-4.0	(1.3)	0.002	-9.5	(2.2)	0.000	-0.5	(1.1)	0.1	(0.1)
Ireland	-0.7	(1.4)	0.602	12.8	(2.6)	0.000	4.2	(1.3)	0.3	(0.1)
Israel	9.2	(2.4)	0.000	2.5	(3.2)	0.428	3.5	(1.9)	0.0	(0.2)
Italy	1.4	(1.4)	0.319	-0.4	(2.3)	0.867	2.8	(1.2)	0.2	(0.1)
Japan	3.2	(1.6)	0.045	-1.8	(2.9)	0.531	3.6	(1.4)	0.2	(0.1)
Korea	-1.4	(1.5)	0.323	-11.1	(3.0)	0.000	-7.7	(1.4)	-0.5	(0.1)
Latvia	4.2	(1.5)	0.006	1.9	(2.5)	0.432	-1.7	(1.3)	-0.2	(0.1)
Luxembourg	1.3	(1.4)	0.371	4.6	(1.9)	0.014	1.4	(1.4)	0.1	(0.1)
Mexico	2.7	(1.4)	0.057	-0.8	(2.3)	0.722	2.7	(1.2)	0.1	(0.1)
Netherlands	-1.6	(1.6)	0.323	-2.7	(3.3)	0.414	-0.8	(1.8)	0.0	(0.1)
New Zealand	-3.6	(1.4)	0.009	-5.9	(2.4)	0.015	-1.6	(1.2)	0.0	(0.1)
Norway	2.0	(1.4)	0.148	5.0	(2.5)	0.044	4.8	(1.2)	0.3	(0.1)
Poland	5.4	(1.5)	0.000	2.5	(2.5)	0.313	-1.9	(1.3)	-0.2	(0.1)
Portugal	5.4	(1.5)	0.000	4.4	(2.6)	0.094	2.7	(1.3)	0.1	(0.1)
Slovak Republic	-3.7	(1.6)	0.026	-12.4	(2.5)	0.000	-5.1	(1.6)	-0.3	(0.1)
Slovenia	3.0	(2.0)	0.133	11.0	(1.9)	0.000	m	m	m	m
Spain	1.6	(1.4)	0.247	7.0	(2.3)	0.002	6.6	(1.2)	0.4	(0.1)
Sweden	-5.2	(1.4)	0.000	1.3	(2.8)	0.633	0.2	(1.3)	0.1	(0.1)
Switzerland	0.5	(1.5)	0.721	-4.3	(2.6)	0.100	-2.1	(1.3)	-0.2	(0.1)
Turkey	0.4	(2.0)	0.858	-17.8	(3.2)	0.000	-10.5	(2.0)	-0.9	(0.2)
United Kingdom	1.2	(2.3)	0.589	1.6	(2.4)	0.503	m	m	m	m
United States	-0.8	(1.7)	0.634	-1.4	(3.0)	0.652	0.4	(1.5)	0.0	(0.1)
OECD average-24	0.0	(1.2)	0.993	-0.8	(1.8)	0.629	0.6	(1.0)	0.0	(0.1)
OECD average-28	0.6	(1.3)	0.627	-0.7	(1.9)	0.714	0.6	(1.0)	0.0	(0.1)
OECD average-30	-0.2	(1.3)	0.882	-1.9	(1.9)	0.319	-0.1	(1.0)	0.0	(0.1)
OECD average-34-R	0.8	(1.3)	0.568	-0.7	(1.8)	0.698	m	m	m	m
OECD average-34	0.8	(1.3)	0.562	-0.6	(1.7)	0.726	m	m	m	m
OECD average-35	0.7	(1.3)	0.591	-0.7	(1.8)	0.690	m	m	m	m
Partners										
Albania	12.1	(1.7)	0.000	10.3	(3.3)	0.002	m	m	m	m
Algeria	m	m	m	m	m	m	m	m	m	m
Brazil	2.5	(1.4)	0.088	-2.3	(2.7)	0.393	0.5	(1.3)	0.0	(0.1)
B-S-J-G (China)	m	m	m	m	m	m	m	m	m	m
Bulgaria	2.6	(2.0)	0.202	1.2	(4.5)	0.789	4.6	(2.1)	0.3	(0.1)
CABA (Argentina)	46.0	(12.7)	0.000	46.0	(12.7)	0.000	m	m	m	m
Colombia	10.9	(2.7)	0.000	5.8	(3.0)	0.053	m	m	m	m
Costa Rica	-9.4	(3.4)	0.006	-9.4	(3.4)	0.006	m	m	m	m
Croatia	3.7	(2.3)	0.113	5.5	(2.6)	0.036	m	m	m	m
Cyprus*	-6.0	(5.6)	0.282	-6.0	(5.6)	0.282	m	m	m	m
Dominican Republic	m	m	m	m	m	m	m	m	m	m
FYROM	-4.1	(1.5)	0.006	m	m	m	m	m	m	m
Georgia	16.2	(3.2)	0.000	16.2	(3.2)	0.000	m	m	m	m
Hong Kong (China)	3.6	(1.5)	0.021	-3.2	(2.4)	0.184	-3.4	(1.4)	-0.3	(0.1)
Indonesia	5.4	(1.6)	0.001	-2.3	(2.9)	0.437	-2.3	(1.6)	-0.3	(0.1)
Jordan	1.7	(2.4)	0.483	1.6	(2.8)	0.573	m	m	m	m
Kosovo	m	m	m	m	m	m	m	m	m	m
Lebanon	m	m	m	m	m	m	m	m	m	m
Lithuania	1.7	(2.3)	0.474	2.1	(2.5)	0.396	m	m	m	m
Macao (China)	3.9	(1.4)	0.006	11.1	(1.9)	0.000	5.0	(1.4)	0.3	(0.1)
Malta	2.8	(2.5)	0.269	2.8	(2.5)	0.269	m	m	m	m
Moldova	16.9	(3.1)	0.000	16.9	(3.1)	0.000	m	m	m	m
Montenegro	11.9	(2.0)	0.000	9.6	(2.1)	0.000	m	m	m	m
Peru	15.2	(1.8)	0.000	13.9	(3.0)	0.000	m	m	m	m
Qatar	28.4	(2.0)	0.000	14.9	(1.8)	0.000	m	m	m	m
Romania	4.5	(1.9)	0.018	4.4	(3.4)	0.188	6.1	(1.8)	0.4	(0.1)
Russia	8.0	(1.5)	0.000	17.5	(2.8)	0.000	10.6	(1.4)	0.5	(0.1)
Singapore	4.5	(2.0)	0.021	4.5	(2.0)	0.021	m	m	m	m
Chinese Taipei	3.1	(2.4)	0.190	1.1	(2.5)	0.673	m	m	m	m
Thailand	-1.1	(1.5)	0.482	-6.1	(2.7)	0.026	-1.3	(1.4)	-0.1	(0.1)
Trinidad and Tobago	5.4	(2.0)	0.006	5.4	(2.0)	0.006	m	m	m	m
Tunisia	-0.4	(1.7)	0.812	-21.5	(2.9)	0.000	-11.7	(1.8)	-1.0	(0.1)
United Arab Emirates	-8.2	(6.5)	0.208	-8.2	(6.5)	0.208	m	m	m	m
Uruguay	0.4	(1.6)	0.829	5.3	(2.5)	0.032	6.4	(1.7)	0.5	(0.1)
Viet Nam	-21.4	(7.8)	0.006	-21.4	(7.8)	0.006	m	m	m	m
Argentina**	2.0	(2.5)	0.435	13.5	(3.3)	0.000	11.3	(2.0)	0.8	(0.2)
Kazakhstan**	18.6	(2.9)	0.000	18.6	(2.9)	0.000	m	m	m	m
Malaysia**	11.8	(3.6)	0.001	11.8	(3.6)	0.001	m	m	m	m

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

The average 3-year trend is the average change between the earliest available measurement in PISA and PISA 2015.

The curvilinear trend is estimated by a regression of performance on time (measured in years since 2015) and time-squared. The linear term is the estimated annual increase (if positive) or decrease (if negative) in performance in 2015. The quadratic term is the rate at which changes in performance are accelerating (if of the same sign as the linear term) or decelerating (if of opposite sign). The curvilinear trend is only reported for countries/economies with at least four comparable performance measures prior to 2015.

Albania, Argentina, Bulgaria, Chile, the FYROM, Indonesia, Peru and Thailand conducted the PISA 2000 assessment in 2001, Hong Kong (China), Israel and Romania in 2002, as part of PISA 2000+. Costa Rica, Georgia, Malta and Moldova conducted the PISA 2009 assessment in 2010 as part of PISA 2009+. Estimates of the average three-year trend and the curvilinear trend for these countries consider the exact year in which the assessment was conducted.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

StatLink <http://dx.doi.org/10.1787/888933433195>

[Part 1/1]


Table I.4.6a Percentage of low achievers and top performers in reading, by gender (PISA 2015)

	Boys				Girls				Gender differences (boys – girls)			
	Below Level 2 (less than 407.47 score points)		Level 5 or above (above 625.61 score points)		Below Level 2 (less than 407.47 score points)		Level 5 or above (above 625.61 score points)		Below Level 2 (less than 407.47 score points)		Level 5 or above (above 625.61 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	% dif.	S.E.	% dif.	S.E.
OECD												
Australia	22.8	(0.7)	9.0	(0.6)	13.3	(0.7)	13.1	(0.7)	9.5	(1.0)	-4.1	(0.8)
Austria	25.8	(1.6)	6.2	(0.8)	19.3	(1.4)	8.4	(0.8)	6.5	(2.1)	-2.2	(1.1)
Belgium	22.0	(1.2)	8.3	(0.7)	17.0	(1.1)	10.4	(0.7)	5.0	(1.5)	-2.1	(0.8)
Canada	13.9	(0.9)	11.3	(0.7)	7.5	(0.6)	16.8	(1.0)	6.3	(0.7)	-5.5	(0.9)
Chile	31.0	(1.5)	2.0	(0.4)	25.7	(1.3)	2.5	(0.4)	5.3	(1.5)	-0.5	(0.5)
Czech Republic	26.8	(1.5)	6.9	(0.6)	17.0	(1.2)	8.9	(0.7)	9.9	(1.7)	-2.1	(0.7)
Denmark	17.9	(0.9)	5.2	(0.8)	12.0	(1.1)	7.8	(0.9)	5.9	(1.2)	-2.6	(1.1)
Estonia	14.2	(1.2)	8.7	(0.7)	6.9	(0.7)	13.5	(0.9)	7.3	(1.3)	-4.8	(1.1)
Finland	16.1	(1.1)	9.2	(0.8)	5.7	(0.7)	18.5	(1.0)	10.4	(1.1)	-9.3	(1.2)
France	26.1	(1.4)	10.4	(0.7)	16.9	(1.0)	14.5	(1.1)	9.2	(1.7)	-4.1	(1.2)
Germany	18.8	(1.2)	9.8	(0.8)	13.6	(0.9)	13.6	(1.0)	5.2	(1.2)	-3.8	(1.1)
Greece	34.5	(2.3)	2.7	(0.5)	19.6	(1.6)	5.5	(0.7)	14.9	(1.9)	-2.8	(0.8)
Hungary	31.9	(1.5)	3.4	(0.5)	23.1	(1.3)	5.1	(0.6)	8.8	(1.9)	-1.7	(0.8)
Iceland	28.9	(1.4)	4.3	(0.6)	15.7	(1.2)	8.8	(1.0)	13.2	(1.8)	-4.4	(1.2)
Ireland	12.3	(1.1)	10.7	(0.9)	8.0	(0.8)	10.7	(1.0)	4.2	(1.1)	0.0	(1.3)
Israel	31.6	(1.8)	9.0	(1.0)	21.8	(1.5)	9.3	(0.9)	9.8	(2.1)	-0.3	(1.3)
Italy	24.1	(1.4)	4.9	(0.6)	17.9	(1.4)	6.4	(0.6)	6.1	(1.8)	-1.5	(0.8)
Japan	14.9	(1.3)	10.1	(1.2)	10.8	(1.0)	11.5	(1.1)	4.1	(1.3)	-1.4	(1.3)
Korea	19.2	(1.5)	9.6	(1.1)	7.6	(1.0)	16.0	(1.4)	11.5	(1.6)	-6.3	(1.6)
Latvia	24.4	(1.3)	2.5	(0.5)	11.0	(0.9)	6.2	(0.8)	13.4	(1.3)	-3.7	(0.9)
Luxembourg	29.3	(0.9)	7.2	(0.5)	22.0	(0.8)	9.1	(0.7)	7.3	(1.2)	-1.9	(0.9)
Mexico	46.4	(1.5)	0.3	(0.2)	37.0	(1.4)	0.3	(0.2)	9.4	(1.5)	0.0	(0.2)
Netherlands	21.7	(1.4)	9.3	(0.7)	14.5	(1.1)	12.4	(1.0)	7.2	(1.4)	-3.2	(1.2)
New Zealand	22.2	(1.2)	11.1	(1.0)	12.4	(1.0)	16.3	(1.1)	9.8	(1.4)	-5.2	(1.2)
Norway	20.5	(1.1)	9.0	(0.9)	9.2	(0.9)	15.5	(0.9)	11.3	(1.2)	-6.5	(1.2)
Poland	19.2	(1.2)	6.6	(0.7)	9.5	(0.9)	9.9	(1.0)	9.7	(1.5)	-3.2	(1.0)
Portugal	20.3	(1.1)	7.1	(0.7)	14.1	(1.1)	8.0	(0.8)	6.3	(1.4)	-0.9	(0.9)
Slovak Republic	38.5	(1.5)	2.5	(0.4)	25.3	(1.4)	4.5	(0.6)	13.3	(1.8)	-2.0	(0.7)
Slovenia	21.0	(1.1)	5.8	(0.8)	8.9	(0.7)	12.3	(1.0)	12.0	(1.4)	-6.5	(1.2)
Spain	19.6	(1.2)	4.7	(0.5)	12.8	(1.0)	6.3	(0.8)	6.8	(1.4)	-1.6	(0.9)
Sweden	24.5	(1.5)	7.4	(0.8)	12.3	(1.0)	12.5	(1.1)	12.2	(1.4)	-5.1	(1.1)
Switzerland	24.4	(1.4)	6.4	(0.8)	15.1	(1.2)	9.3	(0.9)	9.3	(1.4)	-3.0	(1.1)
Turkey	46.1	(2.4)	0.3	(0.2)	33.9	(2.3)	0.9	(0.3)	12.2	(2.7)	-0.6	(0.3)
United Kingdom	20.9	(1.1)	7.4	(0.7)	14.8	(1.0)	11.0	(1.0)	6.0	(1.3)	-3.6	(1.1)
United States	22.6	(1.4)	8.4	(0.8)	15.3	(1.3)	10.8	(1.1)	7.3	(1.5)	-2.4	(1.2)
OECD average-34	24.4	(0.2)	6.8	(0.1)	15.5	(0.2)	9.9	(0.2)	8.8	(0.3)	-3.1	(0.2)
OECD average-35	24.4	(0.2)	6.8	(0.1)	15.6	(0.2)	9.9	(0.2)	8.8	(0.3)	-3.1	(0.2)
Partners												
Albania	62.9	(2.2)	0.4	(0.2)	37.7	(1.9)	1.5	(0.4)	25.2	(2.0)	-1.1	(0.5)
Algeria	84.9	(1.4)	0.0	(0.0)	72.3	(2.0)	0.0	(0.0)	12.6	(1.7)	0.0	(0.0)
Brazil	55.7	(1.2)	1.2	(0.3)	46.5	(1.3)	1.7	(0.3)	9.2	(1.1)	-0.4	(0.3)
B-S-J-G (China)	24.1	(1.6)	9.1	(1.1)	19.4	(1.6)	12.9	(1.7)	4.7	(1.2)	-3.8	(1.2)
Bulgaria	49.6	(2.3)	2.4	(0.4)	32.3	(2.0)	4.9	(0.7)	17.3	(2.0)	-2.5	(0.6)
CABA (Argentina)	25.4	(2.7)	3.3	(1.3)	18.4	(2.5)	4.2	(1.2)	7.0	(2.4)	-0.9	(1.3)
Colombia	46.3	(1.7)	0.8	(0.2)	39.7	(1.7)	1.1	(0.2)	6.6	(1.6)	-0.3	(0.3)
Costa Rica	44.0	(1.7)	0.5	(0.2)	36.7	(1.7)	0.8	(0.2)	7.4	(1.8)	-0.3	(0.2)
Croatia	25.0	(1.6)	4.7	(0.6)	15.1	(1.1)	7.0	(0.7)	9.8	(1.6)	-2.3	(0.7)
Cyprus*	46.7	(1.0)	2.2	(0.3)	24.6	(1.0)	3.9	(0.6)	22.1	(1.1)	-1.7	(0.7)
Dominican Republic	77.3	(1.6)	0.1	(0.1)	67.1	(1.7)	0.1	(0.1)	10.2	(1.7)	0.0	(0.1)
FYROM	78.1	(1.0)	0.2	(0.1)	62.4	(1.2)	0.2	(0.2)	15.7	(1.6)	0.0	(0.2)
Georgia	62.9	(1.8)	0.7	(0.3)	39.1	(1.5)	1.7	(0.3)	23.8	(2.1)	-1.0	(0.4)
Hong Kong (China)	12.6	(1.2)	9.2	(0.9)	5.9	(0.7)	14.0	(1.4)	6.6	(1.2)	-4.8	(1.6)
Indonesia	62.0	(1.7)	0.1	(0.1)	48.8	(1.8)	0.2	(0.1)	13.2	(1.8)	-0.2	(0.1)
Jordan	62.8	(1.9)	0.1	(0.1)	30.1	(2.0)	0.5	(0.2)	32.7	(2.8)	-0.4	(0.2)
Kosovo	83.2	(1.2)	0.0	c	70.3	(1.4)	0.0	c	12.9	(1.9)	0.0	c
Lebanon	72.1	(2.0)	0.8	(0.3)	68.8	(1.9)	0.9	(0.3)	3.3	(2.2)	-0.1	(0.3)
Lithuania	32.2	(1.2)	2.9	(0.5)	17.8	(1.1)	6.0	(0.7)	14.4	(1.4)	-3.1	(0.7)
Macao (China)	16.5	(0.9)	5.1	(0.7)	6.8	(0.5)	8.2	(0.9)	9.6	(1.1)	-3.0	(1.1)
Malta	43.0	(1.2)	4.0	(0.5)	27.9	(1.0)	7.3	(0.6)	15.2	(1.4)	-3.3	(0.7)
Moldova	56.6	(1.3)	0.5	(0.2)	34.9	(1.4)	2.0	(0.4)	21.6	(1.6)	-1.5	(0.4)
Montenegro	49.0	(1.3)	1.1	(0.3)	34.4	(1.0)	1.7	(0.3)	14.6	(1.8)	-0.6	(0.4)
Peru	55.8	(1.8)	0.3	(0.1)	52.0	(1.8)	0.3	(0.1)	3.8	(2.1)	-0.1	(0.2)
Qatar	60.8	(0.6)	1.2	(0.2)	41.9	(0.7)	2.0	(0.3)	18.9	(0.9)	-0.8	(0.3)
Romania	41.8	(2.0)	1.5	(0.4)	35.7	(2.1)	2.5	(0.6)	6.1	(1.8)	-0.9	(0.6)
Russia	20.6	(1.5)	5.1	(0.7)	12.0	(1.3)	8.1	(0.8)	8.7	(1.5)	-3.0	(0.9)
Singapore	13.7	(0.7)	16.2	(0.9)	8.5	(0.6)	20.7	(1.0)	5.2	(0.8)	-4.6	(1.3)
Chinese Taipei	20.9	(1.2)	5.4	(0.9)	13.5	(0.9)	8.6	(1.2)	7.4	(1.4)	-3.2	(1.5)
Thailand	59.1	(2.3)	0.2	(0.1)	43.0	(1.7)	0.4	(0.2)	16.1	(1.9)	-0.1	(0.2)
Trinidad and Tobago	52.0	(1.4)	1.2	(0.3)	33.2	(1.2)	3.6	(0.5)	18.8	(1.9)	-2.4	(0.6)
Tunisia	76.5	(1.4)	0.0	(0.0)	67.3	(1.5)	0.1	(0.1)	9.2	(1.3)	0.0	(0.1)
United Arab Emirates	51.6	(1.6)	2.6	(0.4)	29.5	(1.4)	3.4	(0.5)	22.1	(2.1)	-0.8	(0.5)
Uruguay	44.7	(1.5)	2.1	(0.5)	33.9	(1.2)	2.9	(0.5)	10.8	(1.6)	-0.7	(0.6)
Viet Nam	19.1	(1.9)	1.8	(0.5)	8.8	(1.2)	3.5	(1.0)	10.2	(1.5)	-1.6	(0.7)
Argentina**	46.2	(1.9)	0.8	(0.2)	37.7	(1.7)	1.1	(0.2)	8.5	(1.7)	-0.2	(0.3)
Kazakhstan**	45.3	(2.3)	0.7	(0.3)	37.0	(2.0)	0.9	(0.3)	8.3	(2.0)	-0.2	(0.3)
Malaysia**	45.5	(2.0)	0.3	(0.2)	29.8	(1.8)	0.5	(0.2)	15.7	(1.8)	-0.3	(0.2)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/1]

Table I.4.6b Percentage of low achievers and top performers in reading, by gender (PISA 2009)


	Boys				Girls				Gender differences (boys – girls)			
	Below Level 2 (less than 407.47 score points)		Level 5 or above (above 625.61 score points)		Below Level 2 (less than 407.47 score points)		Level 5 or above (above 625.61 score points)		Below Level 2 (less than 407.47 score points)		Level 5 or above (above 625.61 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	% dif.	S.E.	% dif.	S.E.
OECD												
Australia	19.7	(0.8)	9.8	(0.8)	9.1	(0.6)	15.6	(0.9)	10.6	(0.9)	-5.8	(0.9)
Austria	m	m	m	m	m	m	m	m	m	m	m	m
Belgium	21.5	(1.3)	9.4	(0.8)	13.8	(1.0)	13.0	(0.8)	7.7	(1.5)	-3.6	(1.1)
Canada	14.5	(0.7)	9.4	(0.5)	6.0	(0.4)	16.2	(0.7)	8.4	(0.7)	-6.8	(0.8)
Chile	36.1	(2.0)	1.0	(0.4)	24.8	(1.5)	1.6	(0.4)	11.3	(1.9)	-0.5	(0.5)
Czech Republic	30.8	(1.9)	2.8	(0.4)	14.3	(1.2)	7.8	(0.8)	16.5	(2.1)	-5.0	(0.8)
Denmark	19.0	(1.3)	3.2	(0.5)	11.5	(0.9)	6.2	(0.6)	7.6	(1.4)	-3.0	(0.7)
Estonia	18.9	(1.5)	3.4	(0.6)	7.3	(0.9)	8.9	(1.0)	11.6	(1.5)	-5.5	(1.0)
Finland	13.0	(0.9)	8.1	(0.8)	3.2	(0.5)	20.9	(1.1)	9.8	(0.9)	-12.8	(1.1)
France	25.7	(1.7)	6.9	(0.8)	14.1	(1.0)	12.1	(1.3)	11.5	(1.5)	-5.1	(1.1)
Germany	24.0	(1.5)	4.4	(0.5)	12.7	(1.1)	11.0	(1.0)	11.3	(1.6)	-6.6	(0.9)
Greece	29.7	(2.4)	3.4	(0.6)	13.2	(1.4)	7.7	(0.9)	16.5	(1.9)	-4.3	(1.1)
Hungary	23.6	(1.8)	3.9	(0.7)	11.4	(1.5)	8.3	(1.0)	12.3	(1.9)	-4.4	(0.9)
Iceland	23.8	(1.0)	5.6	(0.6)	9.9	(0.8)	11.4	(0.9)	13.9	(1.3)	-5.7	(1.0)
Ireland	23.1	(1.7)	4.5	(0.6)	11.2	(1.0)	9.5	(0.9)	11.9	(1.9)	-5.0	(1.1)
Israel	34.1	(1.6)	6.3	(0.9)	19.3	(1.3)	8.5	(0.8)	14.8	(1.7)	-2.2	(1.1)
Italy	28.9	(0.9)	3.9	(0.3)	12.7	(0.7)	7.9	(0.5)	16.2	(1.2)	-4.0	(0.5)
Japan	18.9	(1.8)	10.1	(1.1)	8.0	(1.0)	16.9	(1.4)	10.9	(1.9)	-6.8	(1.8)
Korea	8.8	(1.4)	9.3	(1.2)	2.4	(0.5)	16.9	(1.6)	6.4	(1.4)	-7.6	(1.8)
Latvia	26.6	(1.8)	1.6	(0.4)	8.8	(1.2)	4.3	(0.6)	17.8	(1.9)	-2.7	(0.6)
Luxembourg	32.8	(1.1)	3.7	(0.5)	19.1	(0.9)	7.7	(0.7)	13.8	(1.5)	-4.0	(0.7)
Mexico	46.2	(1.1)	0.3	(0.1)	34.1	(1.1)	0.5	(0.1)	12.1	(1.0)	-0.2	(0.1)
Netherlands	17.9	(1.9)	7.8	(1.0)	10.8	(1.4)	11.8	(1.3)	7.2	(1.3)	-4.0	(0.9)
New Zealand	20.6	(1.2)	11.9	(1.1)	7.8	(0.7)	19.7	(1.1)	12.8	(1.2)	-7.9	(1.5)
Norway	21.4	(1.2)	5.0	(0.8)	8.3	(0.8)	12.0	(1.3)	13.0	(1.1)	-7.0	(1.1)
Poland	22.6	(1.2)	4.3	(0.6)	7.4	(0.8)	10.1	(0.9)	15.2	(1.2)	-5.8	(1.1)
Portugal	24.7	(1.6)	3.3	(0.5)	10.8	(1.1)	6.2	(0.8)	13.9	(1.3)	-2.9	(0.9)
Slovak Republic	32.0	(1.8)	2.5	(0.4)	12.5	(1.1)	6.4	(0.8)	19.5	(1.8)	-3.9	(0.8)
Slovenia	31.3	(0.9)	2.0	(0.5)	10.7	(0.7)	7.3	(0.8)	20.5	(1.1)	-5.2	(0.9)
Spain	24.4	(1.0)	2.4	(0.3)	14.6	(0.9)	4.3	(0.3)	9.8	(1.0)	-1.9	(0.4)
Sweden	24.2	(1.3)	6.0	(0.6)	10.5	(1.0)	12.2	(1.0)	13.7	(1.4)	-6.2	(1.0)
Switzerland	22.0	(1.2)	5.1	(0.6)	11.4	(0.8)	11.2	(1.1)	10.6	(1.1)	-6.1	(1.1)
Turkey	33.4	(1.9)	0.8	(0.3)	15.0	(1.4)	3.0	(0.6)	18.5	(1.9)	-2.2	(0.5)
United Kingdom	23.1	(1.2)	6.9	(0.7)	14.0	(0.9)	9.1	(0.8)	9.1	(1.4)	-2.1	(1.1)
United States	21.4	(1.4)	8.2	(1.0)	13.6	(1.1)	11.6	(1.2)	7.8	(1.5)	-3.5	(1.2)
OECD average-34	24.7	(0.3)	5.2	(0.1)	12.2	(0.2)	9.9	(0.2)	12.5	(0.3)	-4.7	(0.2)
OECD average-35	m	m	m	m	m	m	m	m	m	m	m	m
Partners												
Albania	69.0	(2.4)	0.0	(0.0)	43.6	(2.2)	0.3	(0.2)	25.4	(2.5)	-0.3	(0.2)
Algeria	m	m	m	m	m	m	m	m	m	m	m	m
Brazil	56.5	(1.4)	1.0	(0.2)	43.4	(1.3)	1.6	(0.3)	13.1	(1.0)	-0.6	(0.2)
B-S-J-G (China)	m	m	m	m	m	m	m	m	m	m	m	m
Bulgaria	52.0	(3.0)	1.5	(0.5)	29.2	(2.2)	4.2	(0.7)	22.8	(2.2)	-2.7	(0.6)
CABA (Argentina)	m	m	m	m	m	m	m	m	m	m	m	m
Colombia	49.5	(2.2)	0.5	(0.2)	44.9	(2.1)	0.6	(0.2)	4.6	(1.8)	-0.1	(0.2)
Costa Rica	37.3	(1.9)	0.9	(0.4)	28.5	(1.5)	0.6	(0.3)	8.9	(1.6)	0.3	(0.4)
Croatia	31.2	(1.8)	1.5	(0.3)	12.5	(1.3)	5.1	(0.8)	18.7	(2.1)	-3.7	(0.8)
Cyprus*	m	m	m	m	m	m	m	m	m	m	m	m
Dominican Republic	m	m	m	m	m	m	m	m	m	m	m	m
FYROM	m	m	m	m	m	m	m	m	m	m	m	m
Georgia	73.7	(1.4)	0.2	(0.1)	50.0	(1.6)	0.5	(0.2)	23.7	(1.6)	-0.2	(0.2)
Hong Kong (China)	11.3	(1.2)	8.9	(1.0)	4.9	(0.7)	16.4	(1.0)	6.4	(1.3)	-7.5	(1.4)
Indonesia	65.5	(2.3)	0.0	c	41.6	(2.6)	0.0	(0.1)	23.9	(2.5)	0.0	(0.1)
Jordan	61.6	(2.3)	0.1	(0.1)	34.3	(2.0)	0.4	(0.1)	27.3	(3.0)	-0.3	(0.2)
Kosovo	m	m	m	m	m	m	m	m	m	m	m	m
Lebanon	m	m	m	m	m	m	m	m	m	m	m	m
Lithuania	35.5	(1.6)	0.9	(0.3)	13.0	(1.0)	5.0	(0.7)	22.5	(1.5)	-4.1	(0.8)
Macao (China)	20.6	(0.9)	1.7	(0.3)	9.0	(0.5)	4.1	(0.4)	11.5	(1.0)	-2.4	(0.4)
Malta	48.4	(1.1)	2.0	(0.5)	24.4	(1.0)	6.9	(0.7)	24.1	(1.6)	-4.9	(1.0)
Moldova	66.6	(1.5)	0.0	(0.0)	47.3	(1.7)	0.2	(0.2)	19.3	(1.4)	-0.2	(0.2)
Montenegro	61.4	(1.2)	0.3	(0.3)	37.1	(1.1)	1.0	(0.3)	24.3	(1.4)	-0.7	(0.4)
Peru	69.7	(1.8)	0.6	(0.3)	59.8	(2.2)	0.4	(0.2)	9.9	(2.2)	0.1	(0.2)
Qatar	72.2	(0.6)	1.4	(0.2)	54.4	(0.7)	2.1	(0.2)	17.7	(0.9)	-0.7	(0.3)
Romania	50.7	(2.5)	0.3	(0.2)	30.4	(2.2)	1.1	(0.3)	20.3	(2.6)	-0.9	(0.4)
Russia	36.3	(1.8)	1.7	(0.4)	18.6	(1.3)	4.6	(0.8)	17.7	(1.7)	-2.8	(0.7)
Singapore	16.2	(0.7)	12.2	(0.7)	8.7	(0.6)	19.3	(0.9)	7.5	(0.9)	-7.1	(1.2)
Chinese Taipei	21.6	(1.3)	3.2	(0.8)	9.5	(0.9)	7.2	(1.4)	12.1	(1.5)	-3.9	(1.6)
Thailand	55.5	(1.9)	0.1	(0.1)	33.3	(1.9)	0.4	(0.2)	22.2	(2.4)	-0.3	(0.2)
Trinidad and Tobago	55.4	(1.0)	0.8	(0.3)	34.4	(0.9)	3.7	(0.4)	20.9	(1.4)	-2.9	(0.5)
Tunisia	57.6	(1.6)	0.1	(0.1)	43.4	(1.9)	0.3	(0.2)	14.1	(1.5)	-0.1	(0.2)
United Arab Emirates	m	m	m	m	m	m	m	m	m	m	m	m
Uruguay	51.3	(1.4)	1.2	(0.3)	33.6	(1.3)	2.3	(0.4)	17.8	(1.4)	-1.1	(0.5)
Viet Nam	m	m	m	m	m	m	m	m	m	m	m	m
Argentina**	58.8	(2.1)	0.7	(0.2)	45.3	(2.1)	1.2	(0.4)	13.5	(1.7)	-0.5	(0.4)
Kazakhstan**	67.5	(1.6)	0.2	(0.1)	49.7	(1.7)	0.5	(0.2)	17.8	(1.5)	-0.3	(0.2)
Malaysia**	53.2	(1.9)	0.1	(0.1)	35.0	(1.6)	0.1	(0.1)	18.2	(1.8)	0.0	(0.2)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

For Costa Rica, Georgia, Malta and Moldova, the change between the PISA 2009 and PISA 2015 represents change between 2010 and 2015 because these countries implemented the PISA 2009 assessment in 2010 as part of PISA 2009+.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/1]

Table I.4.6d Change between 2009 and 2015 in the percentage of low achievers and top performers in reading, by gender (PISA 2015 - PISA 2009)


	Boys				Girls				Gender differences (boys – girls)			
	Below Level 2 (less than 407.47 score points)		Level 5 or above (above 625.61 score points)		Below Level 2 (less than 407.47 score points)		Level 5 or above (above 625.61 score points)		Below Level 2 (less than 407.47 score points)		Level 5 or above (above 625.61 score points)	
	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.
OECD												
Australia	3.1	(1.4)	-0.8	(1.1)	4.2	(1.2)	-2.5	(1.4)	-1.1	(1.3)	1.6	(1.2)
Austria	m	m	m	m	m	m	m	m	m	m	m	
Belgium	0.5	(1.9)	-1.1	(1.2)	3.1	(1.6)	-2.6	(1.2)	-2.6	(2.1)	1.5	(1.3)
Canada	-0.6	(1.2)	1.9	(1.2)	1.5	(0.8)	0.6	(1.7)	-2.1	(1.0)	1.3	(1.2)
Chile	-5.1	(2.9)	1.0	(0.5)	0.9	(2.7)	1.0	(0.5)	-6.0	(2.4)	0.0	(0.7)
Czech Republic	-3.9	(2.8)	4.1	(0.8)	2.7	(1.9)	1.2	(1.3)	-6.6	(2.6)	3.0	(1.1)
Denmark	-1.1	(1.8)	2.0	(1.0)	0.6	(1.6)	1.6	(1.2)	-1.7	(1.9)	0.4	(1.3)
Estonia	-4.7	(2.0)	5.3	(1.0)	-0.4	(1.2)	4.5	(1.6)	-4.2	(2.0)	0.7	(1.5)
Finland	3.1	(1.5)	1.1	(1.2)	2.5	(0.9)	-2.4	(2.4)	0.6	(1.4)	3.5	(1.6)
France	0.5	(2.3)	3.5	(1.2)	2.8	(1.5)	2.5	(1.9)	-2.3	(2.2)	1.0	(1.6)
Germany	-5.2	(2.1)	5.4	(1.0)	0.9	(1.5)	2.6	(1.6)	-6.1	(2.0)	2.8	(1.4)
Greece	4.8	(3.6)	-0.8	(0.8)	6.3	(2.6)	-2.2	(1.2)	-1.6	(2.7)	1.5	(1.3)
Hungary	8.2	(3.0)	-0.5	(0.9)	11.7	(2.2)	-3.2	(1.2)	-3.4	(2.6)	2.7	(1.2)
Iceland	5.1	(2.1)	-1.3	(0.9)	5.8	(1.9)	-2.6	(1.4)	-0.7	(2.2)	1.3	(1.5)
Ireland	-10.9	(2.2)	6.2	(1.3)	-3.2	(1.3)	1.2	(1.7)	-7.7	(2.2)	5.0	(1.8)
Israel	-2.5	(2.6)	2.7	(1.4)	2.5	(2.1)	0.8	(1.3)	-4.9	(2.7)	1.9	(1.7)
Italy	-4.8	(1.9)	1.1	(0.7)	5.2	(1.7)	-1.5	(1.0)	-10.1	(2.1)	2.6	(1.0)
Japan	-4.0	(2.3)	0.0	(1.8)	2.8	(1.4)	-5.5	(2.0)	-6.8	(2.3)	5.5	(2.3)
Korea	10.4	(2.2)	0.3	(1.7)	5.2	(1.2)	-0.9	(2.3)	5.1	(2.1)	1.2	(2.4)
Latvia	-2.2	(2.6)	0.9	(0.6)	2.2	(1.6)	1.9	(1.1)	-4.4	(2.3)	-1.0	(1.1)
Luxembourg	-3.5	(1.8)	3.5	(0.8)	3.0	(1.6)	1.4	(1.1)	-6.5	(2.0)	2.1	(1.2)
Mexico	0.2	(3.0)	0.0	(0.2)	2.9	(3.2)	-0.2	(0.2)	-2.7	(1.8)	0.2	(0.2)
Netherlands	3.7	(2.5)	1.5	(1.3)	3.7	(1.9)	0.7	(1.7)	0.0	(2.0)	0.8	(1.5)
New Zealand	-1.6	(1.9)	-0.8	(1.5)	4.5	(1.3)	-3.5	(2.0)	-3.0	(1.9)	2.7	(1.9)
Norway	0.9	(1.7)	4.0	(1.3)	0.8	(1.2)	3.6	(1.9)	-1.7	(1.6)	0.5	(1.6)
Poland	-3.5	(1.9)	2.3	(1.0)	2.0	(1.3)	-0.3	(1.6)	-5.5	(1.9)	2.6	(1.5)
Portugal	-4.4	(2.1)	3.8	(0.9)	3.2	(1.6)	1.7	(1.3)	-7.6	(1.9)	2.1	(1.2)
Slovak Republic	6.5	(2.7)	0.0	(0.6)	12.7	(2.0)	-1.9	(1.0)	-6.2	(2.6)	1.9	(1.0)
Slovenia	-10.3	(1.7)	3.7	(1.0)	-1.8	(1.0)	5.0	(1.4)	-8.5	(1.8)	-1.3	(1.5)
Spain	-4.8	(2.0)	2.3	(0.7)	-1.7	(1.4)	2.0	(1.0)	-3.1	(1.7)	0.2	(1.0)
Sweden	0.3	(2.3)	1.5	(1.2)	1.8	(1.5)	0.3	(1.8)	-1.5	(2.0)	1.1	(1.5)
Switzerland	2.4	(2.1)	1.2	(1.0)	3.7	(1.7)	-1.9	(1.5)	-1.3	(1.8)	3.1	(1.6)
Turkey	12.6	(4.1)	-0.5	(0.3)	18.9	(3.6)	-2.1	(0.7)	-6.3	(3.3)	1.6	(0.6)
United Kingdom	-2.2	(1.9)	0.5	(1.0)	0.8	(1.5)	1.9	(1.3)	-3.1	(1.9)	-1.4	(1.6)
United States	1.2	(2.1)	0.2	(1.3)	1.7	(1.9)	-0.8	(1.7)	-0.5	(2.1)	1.1	(1.7)
OECD average-34	-0.3	(1.0)	1.6	(0.3)	3.3	(0.7)	0.0	(0.6)	-3.6	(0.4)	1.6	(0.2)
OECD average-35	m	m	m	m	m	m	m	m	m	m	m	m
Partners												
Albania	-6.1	(3.5)	0.4	(0.2)	-5.9	(3.4)	1.2	(0.5)	-0.2	(3.2)	-0.8	(0.5)
Algeria	m	m	m	m	m	m	m	m	m	m	m	m
Brazil	-0.8	(2.5)	0.2	(0.4)	3.1	(3.1)	0.1	(0.4)	-3.9	(1.5)	0.2	(0.4)
B-S-J-G (China)	m	m	m	m	m	m	m	m	m	m	m	m
Bulgaria	-2.3	(3.9)	0.9	(0.6)	3.2	(3.1)	0.7	(1.0)	-5.5	(3.0)	0.3	(0.9)
CABA (Argentina)	m	m	m	m	m	m	m	m	m	m	m	m
Colombia	-3.2	(3.6)	0.3	(0.3)	-5.2	(3.4)	0.6	(0.3)	2.0	(2.4)	-0.2	(0.4)
Costa Rica	6.7	(3.8)	-0.4	(0.4)	8.2	(4.6)	0.2	(0.4)	-1.5	(2.5)	-0.6	(0.5)
Croatia	-6.3	(2.6)	3.2	(0.8)	2.6	(2.0)	1.8	(1.0)	-8.9	(2.6)	1.4	(1.0)
Cyprus*	m	m	m	m	m	m	m	m	m	m	m	m
Dominican Republic	m	m	m	m	m	m	m	m	m	m	m	m
FYROM	m	m	m	m	m	m	m	m	m	m	m	m
Georgia	-10.8	(2.7)	0.4	(0.3)	-10.8	(2.9)	1.2	(0.4)	0.0	(2.7)	-0.8	(0.4)
Hong Kong (China)	1.3	(1.7)	0.3	(1.5)	1.0	(1.0)	-2.4	(2.1)	0.3	(1.8)	2.6	(2.1)
Indonesia	-3.5	(4.6)	0.1	(0.1)	7.2	(4.9)	0.2	(0.2)	-10.7	(3.1)	-0.1	(0.1)
Jordan	1.2	(3.5)	0.0	(0.1)	-4.2	(3.6)	0.1	(0.2)	5.4	(4.1)	-0.1	(0.3)
Kosovo	m	m	m	m	m	m	m	m	m	m	m	m
Lebanon	m	m	m	m	m	m	m	m	m	m	m	m
Lithuania	-3.3	(2.5)	2.0	(0.6)	4.9	(1.7)	1.0	(1.1)	-8.1	(2.0)	1.0	(1.1)
Macao (China)	-4.1	(1.6)	3.4	(0.8)	-2.2	(0.8)	4.1	(1.2)	-1.9	(1.5)	-0.7	(1.2)
Malta	-5.4	(1.8)	2.0	(0.7)	3.5	(1.6)	0.5	(1.0)	-8.9	(2.1)	1.6	(1.2)
Moldova	-10.1	(3.2)	0.5	(0.2)	-12.4	(3.1)	1.7	(0.4)	2.3	(2.2)	-1.3	(0.5)
Montenegro	-12.4	(2.9)	0.8	(0.4)	-2.7	(2.8)	0.7	(0.4)	-9.7	(2.3)	0.2	(0.6)
Peru	-13.9	(2.9)	-0.3	(0.3)	-7.8	(3.8)	-0.1	(0.2)	-6.1	(3.1)	-0.2	(0.3)
Qatar	-11.3	(1.2)	-0.2	(0.3)	-12.5	(2.0)	-0.1	(0.3)	1.2	(1.2)	-0.1	(0.4)
Romania	-8.9	(3.9)	1.3	(0.4)	5.2	(3.5)	1.3	(0.7)	-14.2	(3.2)	-0.1	(0.7)
Russia	-15.6	(2.7)	3.4	(0.8)	-6.6	(2.0)	3.6	(1.2)	-9.0	(2.3)	-0.2	(1.2)
Singapore	-2.5	(1.1)	3.9	(1.4)	-0.2	(0.9)	1.4	(1.8)	-2.3	(1.2)	2.5	(1.7)
Chinese Taipei	-0.8	(2.1)	2.1	(1.2)	3.9	(1.4)	1.4	(2.0)	-4.7	(2.1)	0.7	(2.1)
Thailand	3.6	(4.2)	0.1	(0.2)	9.7	(4.0)	0.0	(0.3)	-6.1	(3.0)	0.2	(0.3)
Trinidad and Tobago	-3.4	(2.3)	0.4	(0.4)	-1.2	(2.1)	-0.1	(0.7)	-2.2	(2.3)	0.5	(0.8)
Tunisia	18.9	(2.8)	-0.1	(0.1)	23.9	(3.6)	-0.2	(0.2)	-4.9	(2.0)	0.1	(0.2)
United Arab Emirates	m	m	m	m	m	m	m	m	m	m	m	m
Uruguay	-6.6	(2.6)	1.0	(0.5)	0.3	(2.4)	0.6	(0.7)	-6.9	(2.2)	0.4	(0.8)
Viet Nam	m	m	m	m	m	m	m	m	m	m	m	m
Argentina**	-12.7	(3.4)	0.1	(0.3)	-7.6	(3.2)	-0.1	(0.4)	-5.1	(2.4)	0.3	(0.5)
Kazakhstan**	-22.1	(4.2)	0.5	(0.3)	-12.7	(3.9)	0.4	(0.4)	-9.4	(2.5)	0.1	(0.3)
Malaysia**	-7.7	(3.5)	0.1	(0.2)	-5.2	(3.2)	0.4	(0.2)	-2.5	(2.5)	-0.2	(0.2)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

For Costa Rica, Georgia, Malta and Moldova, the change between the PISA 2009 and PISA 2015 represents change between 2010 and 2015 because these countries implemented the PISA 2009 assessment in 2010 as part of PISA 2009+.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 2/2]

Table 1.5.2a Percentage of low achievers and top performers in mathematics, 2003 through 2015


	Change between 2003 and 2015 (PISA 2015 - PISA 2003)		Change between 2006 and 2015 (PISA 2015 - PISA 2006)		Change between 2009 and 2015 (PISA 2015 - PISA 2009)		Change between 2012 and 2015 (PISA 2015 - PISA 2012)	
	Below Level 2 (less than 420.07 score points)	Level 5 or above (above 606.99 score points)	Below Level 2 (less than 420.07 score points)	Level 5 or above (above 606.99 score points)	Below Level 2 (less than 420.07 score points)	Level 5 or above (above 606.99 score points)	Below Level 2 (less than 420.07 score points)	Level 5 or above (above 606.99 score points)
	% dif. S.E.	% dif. S.E.	% dif. S.E.	% dif. S.E.	% dif. S.E.	% dif. S.E.	% dif. S.E.	% dif. S.E.
OECD								
Australia	7.6 (3.2)	-8.4 (2.1)	9.0 (1.6)	-5.1 (1.2)	6.1 (1.8)	-5.1 (1.4)	2.3 (1.6)	-3.5 (1.2)
Austria	3.0 (3.2)	-1.8 (2.3)	1.8 (2.1)	-3.3 (1.5)	m m	m m	3.1 (1.8)	-1.8 (1.5)
Belgium	3.6 (2.7)	-10.6 (2.7)	2.7 (1.7)	-6.5 (1.4)	1.0 (1.7)	-4.5 (1.5)	1.1 (1.6)	-3.7 (1.4)
Canada	4.2 (2.4)	-5.2 (2.7)	3.6 (1.3)	-2.9 (1.4)	2.9 (1.4)	-3.2 (1.4)	0.5 (1.3)	-1.3 (1.4)
Chile	m m	m m	-5.8 (3.7)	-0.1 (0.4)	-1.7 (3.8)	0.1 (0.4)	-2.2 (3.5)	-0.2 (0.3)
Czech Republic	5.1 (3.6)	-7.9 (2.0)	2.5 (2.0)	-7.9 (1.6)	-0.6 (2.1)	-1.3 (1.4)	0.7 (2.0)	-2.5 (1.3)
Denmark	-1.8 (2.8)	-4.3 (2.2)	-0.1 (1.7)	-2.1 (1.2)	-3.5 (1.7)	0.1 (1.3)	-3.3 (1.7)	1.7 (1.2)
Estonia	m m	m m	-0.9 (1.6)	1.7 (1.6)	-1.4 (1.6)	2.1 (1.7)	0.7 (1.3)	-0.4 (1.6)
Finland	6.8 (2.3)	-11.7 (2.8)	7.6 (1.3)	-12.8 (1.6)	5.7 (1.4)	-10.0 (1.6)	1.3 (1.3)	-3.6 (1.4)
France	6.8 (3.1)	-3.7 (2.8)	1.2 (1.9)	-1.1 (1.5)	1.0 (2.0)	-2.2 (1.7)	1.1 (1.7)	-1.4 (1.5)
Germany	-4.4 (2.9)	-3.3 (2.4)	-2.7 (2.0)	-2.5 (1.5)	-1.4 (1.9)	-4.9 (1.5)	-0.5 (1.8)	-4.5 (1.5)
Greece	-3.2 (6.0)	-0.1 (0.9)	3.4 (3.2)	-1.1 (0.7)	5.4 (3.6)	-1.8 (0.8)	0.1 (3.2)	0.0 (0.7)
Hungary	5.0 (3.6)	-2.5 (1.6)	6.8 (2.0)	-2.2 (1.2)	5.6 (2.3)	-2.0 (1.3)	-0.1 (2.1)	-1.1 (1.4)
Iceland	8.6 (3.8)	-5.1 (1.6)	6.8 (1.9)	-2.3 (1.2)	6.7 (2.1)	-3.3 (1.1)	2.1 (1.9)	-0.8 (1.2)
Ireland	-1.8 (3.3)	-1.5 (1.9)	-1.4 (1.9)	-0.4 (1.2)	-5.8 (1.9)	3.2 (1.1)	-1.9 (1.8)	-0.8 (1.0)
Israel	m m	m m	-9.8 (2.5)	2.9 (1.2)	-7.3 (2.4)	3.1 (1.2)	-1.4 (2.5)	-0.4 (1.4)
Italy	-8.7 (4.0)	3.5 (1.7)	-9.6 (2.0)	4.3 (1.1)	-1.7 (2.0)	1.6 (1.1)	-1.4 (1.9)	0.6 (1.1)
Japan	-2.6 (1.9)	-3.9 (4.3)	-2.4 (1.5)	2.0 (2.2)	-1.8 (1.4)	-0.5 (2.4)	-0.4 (1.4)	-3.3 (2.4)
Korea	5.9 (2.2)	-3.9 (3.5)	6.6 (1.6)	-6.2 (2.3)	7.3 (1.7)	-4.7 (2.5)	6.3 (1.6)	-10.0 (2.5)
Latvia	-2.3 (4.9)	-2.8 (1.3)	0.7 (2.5)	-1.4 (0.8)	-1.1 (2.8)	-0.5 (0.8)	1.5 (2.5)	-2.8 (1.0)
Luxembourg	4.1 (3.6)	-0.8 (1.7)	3.0 (1.7)	-0.6 (0.9)	1.9 (1.8)	-1.4 (1.1)	1.5 (1.7)	-1.2 (0.9)
Mexico	-9.3 (8.0)	0.0 (0.1)	0.1 (3.6)	-0.5 (0.2)	5.8 (3.9)	-0.4 (0.2)	1.9 (3.5)	-0.3 (0.1)
Netherlands	5.8 (2.7)	-10.0 (3.9)	5.2 (1.6)	-5.6 (2.0)	3.3 (2.0)	-4.3 (2.4)	1.9 (1.8)	-3.7 (2.1)
New Zealand	6.6 (3.3)	-9.3 (2.3)	7.6 (1.8)	-7.5 (1.4)	6.2 (1.9)	-7.5 (1.5)	-1.0 (1.8)	-3.6 (1.4)
Norway	-3.8 (2.8)	-0.7 (2.0)	-5.2 (1.7)	0.2 (1.2)	-1.1 (1.6)	0.4 (1.3)	-5.2 (1.6)	1.2 (1.2)
Poland	-4.9 (2.8)	2.1 (2.3)	-2.7 (1.6)	1.6 (1.4)	-3.3 (1.8)	1.8 (1.6)	2.8 (1.6)	-4.5 (1.8)
Portugal	-6.3 (3.7)	6.1 (2.1)	-7.0 (2.2)	5.7 (1.2)	0.0 (2.1)	1.8 (1.4)	-1.1 (2.2)	0.8 (1.3)
Slovak Republic	7.8 (4.0)	-4.9 (1.7)	6.8 (2.2)	-3.1 (1.3)	6.7 (2.4)	-4.9 (1.3)	0.2 (2.3)	-3.1 (1.3)
Slovenia	m m	m m	-1.6 (1.3)	-0.2 (1.3)	-4.2 (1.3)	-0.7 (1.3)	-4.0 (1.2)	-0.2 (1.2)
Spain	-0.8 (3.6)	-0.7 (1.4)	-2.5 (1.9)	0.0 (0.9)	-1.5 (2.0)	-0.8 (0.9)	-1.4 (1.8)	-0.8 (0.9)
Sweden	3.6 (3.2)	-5.4 (2.0)	2.5 (1.9)	-2.2 (1.2)	-0.2 (2.0)	-1.0 (1.4)	-6.2 (2.0)	2.4 (1.2)
Switzerland	1.2 (2.3)	-2.0 (3.5)	2.3 (1.5)	-3.4 (1.9)	2.3 (1.5)	-4.9 (2.2)	3.3 (1.4)	-2.1 (2.0)
Turkey	-0.8 (7.3)	-4.4 (1.6)	-0.7 (3.7)	-3.1 (1.2)	9.2 (4.0)	-4.5 (1.3)	9.4 (3.8)	-4.7 (1.2)
United Kingdom	m m	m m	2.1 (1.8)	-0.5 (1.2)	1.7 (2.0)	0.8 (1.3)	0.1 (2.1)	-1.2 (1.3)
United States	3.7 (5.3)	-4.2 (1.5)	1.2 (2.9)	-1.7 (1.2)	6.0 (3.0)	-4.0 (1.3)	3.5 (2.8)	-2.9 (1.2)
OECD average-30	1.3 (3.1)	-3.6 (1.7)	1.6 (1.2)	-2.4 (0.7)	m m	m m	0.7 (1.2)	-2.1 (0.7)
OECD average-34	m m	m m	0.9 (1.2)	-1.9 (0.7)	1.4 (1.4)	-1.9 (0.8)	0.4 (1.3)	-1.8 (0.7)
OECD average-35	m m	m m	0.9 (1.2)	-1.9 (0.7)	m m	m m	0.4 (1.3)	-1.8 (0.7)
Partners								
Albania	m m	m m	m m	m m	-14.5 (3.9)	0.7 (0.3)	-7.4 (3.3)	0.3 (0.3)
Algeria	m m	m m	m m	m m	m m	m m	m m	m m
Brazil	-4.9 (4.8)	-0.3 (0.5)	-2.3 (2.5)	-0.1 (0.4)	1.1 (2.7)	0.1 (0.3)	2.0 (2.4)	0.2 (0.3)
B-S-J-G (China)	m m	m m	m m	m m	m m	m m	m m	m m
Bulgaria	m m	m m	-11.2 (3.6)	1.3 (1.0)	-5.0 (3.8)	0.6 (1.2)	-1.7 (3.2)	0.4 (0.9)
CABA (Argentina)	m m	m m	m m	m m	m m	m m	-12.8 (5.2)	3.0 (1.2)
Colombia	m m	m m	-5.6 (3.1)	-0.1 (0.2)	-4.2 (3.4)	0.2 (0.1)	-7.5 (3.1)	0.0 (0.2)
Costa Rica	m m	m m	m m	m m	5.8 (5.1)	-0.1 (0.2)	2.6 (4.7)	-0.3 (0.2)
Croatia	m m	m m	3.5 (2.7)	0.9 (0.8)	-1.1 (3.0)	0.6 (0.9)	2.2 (2.8)	-1.4 (1.3)
Cyprus*	m m	m m	m m	m m	m m	m m	0.6 (2.0)	-0.5 (0.5)
Dominican Republic	m m	m m	m m	m m	m m	m m	m m	m m
FYROM	m m	m m	m m	m m	m m	m m	m m	m m
Georgia	m m	m m	m m	m m	-11.6 (3.0)	1.0 (0.5)	m m	m m
Hong Kong (China)	-1.4 (1.6)	-4.1 (6.3)	-0.5 (1.3)	-1.2 (3.0)	0.2 (1.1)	-4.1 (3.3)	0.5 (1.1)	-7.2 (3.1)
Indonesia	-9.5 (7.5)	0.4 (0.2)	2.9 (4.6)	0.3 (0.3)	-8.0 (4.2)	0.6 (0.2)	-7.0 (4.0)	0.4 (0.3)
Jordan	m m	m m	1.2 (3.1)	0.0 (0.2)	2.3 (3.5)	0.0 (0.2)	-1.0 (3.1)	-0.3 (0.5)
Kosovo	m m	m m	m m	m m	m m	m m	m m	m m
Lebanon	m m	m m	m m	m m	m m	m m	m m	m m
Lithuania	m m	m m	2.5 (2.4)	-2.2 (1.2)	-0.9 (2.6)	0.0 (1.0)	-0.6 (2.4)	-1.1 (1.0)
Macao (China)	-4.5 (1.6)	3.2 (6.0)	-4.3 (0.9)	4.4 (2.4)	-4.3 (0.8)	4.7 (2.7)	-4.1 (0.8)	-2.5 (2.4)
Malta	m m	m m	m m	m m	-4.6 (1.6)	4.1 (1.2)	m m	m m
Moldova	m m	m m	m m	m m	-10.4 (3.3)	1.1 (0.3)	m m	m m
Montenegro	m m	m m	-8.2 (3.0)	0.7 (0.3)	-6.5 (3.5)	0.6 (0.3)	-4.8 (3.1)	0.5 (0.3)
Peru	m m	m m	m m	m m	-7.4 (3.4)	-0.2 (0.2)	-8.4 (3.1)	-0.2 (0.2)
Qatar	m m	m m	-28.5 (2.1)	1.6 (0.2)	-15.1 (2.3)	0.5 (0.3)	-10.9 (2.1)	0.2 (0.3)
Romania	m m	m m	-12.8 (3.6)	2.0 (0.6)	-7.1 (3.7)	2.0 (0.6)	-0.9 (3.5)	0.1 (0.8)
Russia	-11.3 (3.8)	1.8 (2.1)	-7.7 (2.3)	1.4 (1.3)	-9.6 (2.3)	3.6 (1.3)	-5.0 (2.0)	1.0 (1.3)
Singapore	m m	m m	m m	m m	-2.3 (0.8)	-0.8 (3.1)	-0.7 (0.7)	-5.2 (2.8)
Chinese Taipei	m m	m m	0.7 (1.4)	-3.7 (2.6)	-0.1 (1.2)	-0.4 (2.8)	-0.1 (1.2)	-9.1 (2.5)
Thailand	-0.2 (9.1)	-0.2 (0.5)	0.8 (4.1)	0.1 (0.4)	1.3 (4.7)	0.2 (0.6)	4.0 (4.3)	-1.1 (0.6)
Trinidad and Tobago	m m	m m	m m	m m	-0.9 (2.3)	0.0 (0.4)	m m	m m
Tunisia	-3.2 (4.1)	0.3 (0.3)	2.3 (2.5)	0.0 (0.3)	1.2 (2.4)	0.3 (0.3)	7.1 (2.6)	-0.3 (0.4)
United Arab Emirates	m m	m m	m m	m m	m m	m m	2.4 (2.9)	0.2 (0.5)
Uruguay	4.3 (7.0)	-1.1 (0.6)	6.3 (3.2)	-1.5 (0.6)	4.9 (3.6)	-0.7 (0.5)	-3.4 (3.3)	0.3 (0.5)
Viet Nam	m m	m m	m m	m m	m m	m m	4.9 (2.9)	-3.9 (2.0)
Argentina**	m m	m m	-8.1 (4.0)	-0.2 (0.4)	-7.5 (4.0)	0.0 (0.4)	-10.4 (3.8)	0.5 (0.3)
Kazakhstan**	m m	m m	m m	m m	-27.0 (3.9)	3.1 (0.9)	-13.1 (3.7)	3.3 (0.8)
Malaysia**	m m	m m	m m	m m	-21.8 (3.7)	1.7 (0.5)	-14.2 (3.4)	0.7 (0.5)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

For Costa Rica, Georgia, Malta and Moldova, the change between the PISA 2009 and PISA 2015 represents change between 2010 and 2015 because these countries implemented the PISA 2009 assessment in 2010 as part of PISA 2009+.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

StatLink  <http://dx.doi.org/10.1787/88893433203>

[Part 1/2]

Table 1.5.4a Mean mathematics performance, 2003 through 2015

	PISA 2003		PISA 2006		PISA 2009		PISA 2012		PISA 2015	
	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD	Australia	524 (2.1)	520 (2.2)	514 (2.5)	504 (1.6)	494 (1.6)				
	Austria	506 (3.3)	505 (3.7)	m	506 (2.7)	497 (2.9)				
	Belgium	529 (2.3)	520 (3.0)	515 (2.3)	515 (2.1)	507 (2.4)				
	Canada	532 (1.8)	527 (2.0)	527 (1.6)	518 (1.8)	516 (2.3)				
	Chile	m	411 (4.6)	421 (3.1)	423 (3.1)	423 (2.5)				
	Czech Republic	516 (3.5)	510 (3.6)	493 (2.8)	499 (2.9)	492 (2.4)				
	Denmark	514 (2.7)	513 (2.6)	503 (2.6)	500 (2.3)	511 (2.2)				
	Estonia	m	515 (2.7)	512 (2.6)	521 (2.0)	520 (2.0)				
	Finland	544 (1.9)	548 (2.3)	541 (2.2)	519 (1.9)	511 (2.3)				
	France	511 (2.5)	496 (3.2)	497 (3.1)	495 (2.5)	493 (2.1)				
	Germany	503 (3.3)	504 (3.9)	513 (2.9)	514 (2.9)	506 (2.9)				
	Greece	445 (3.9)	459 (3.0)	466 (3.9)	453 (2.5)	454 (3.8)				
	Hungary	490 (2.8)	491 (2.9)	490 (3.5)	477 (3.2)	477 (2.5)				
	Iceland	515 (1.4)	506 (1.8)	507 (1.4)	493 (1.7)	488 (2.0)				
	Ireland	503 (2.4)	501 (2.8)	487 (2.5)	501 (2.2)	504 (2.1)				
	Israel	m	442 (4.3)	447 (3.3)	466 (4.7)	470 (3.6)				
	Italy	466 (3.1)	462 (2.3)	483 (1.9)	485 (2.0)	490 (2.8)				
	Japan	534 (4.0)	523 (3.3)	529 (3.3)	536 (3.6)	532 (3.0)				
	Korea	542 (3.2)	547 (3.8)	546 (4.0)	554 (4.6)	524 (3.7)				
	Latvia	483 (3.7)	486 (3.0)	482 (3.1)	491 (2.8)	482 (1.9)				
	Luxembourg	493 (1.0)	490 (1.1)	489 (1.2)	490 (1.1)	486 (1.3)				
	Mexico	385 (3.6)	406 (2.9)	419 (1.8)	413 (1.4)	408 (2.2)				
	Netherlands	538 (3.1)	531 (2.6)	526 (4.7)	523 (3.5)	512 (2.2)				
	New Zealand	523 (2.3)	522 (2.4)	519 (2.3)	500 (2.2)	495 (2.3)				
	Norway	495 (2.4)	490 (2.6)	498 (2.4)	489 (2.7)	502 (2.2)				
	Poland	490 (2.5)	495 (2.4)	495 (2.8)	518 (3.6)	504 (2.4)				
	Portugal	466 (3.4)	466 (3.1)	487 (2.9)	487 (3.8)	492 (2.5)				
	Slovak Republic	498 (3.3)	492 (2.8)	497 (3.1)	482 (3.4)	475 (2.7)				
	Slovenia	m	504 (1.0)	501 (1.2)	501 (1.2)	510 (1.3)				
	Spain	485 (2.4)	480 (2.3)	483 (2.1)	484 (1.9)	486 (2.2)				
	Sweden	509 (2.6)	502 (2.4)	494 (2.9)	478 (2.3)	494 (3.2)				
	Switzerland	527 (3.4)	530 (3.2)	534 (3.3)	531 (3.0)	521 (2.9)				
	Turkey	423 (6.7)	424 (4.9)	445 (4.4)	448 (4.8)	420 (4.1)				
United Kingdom	m	495 (2.1)	492 (2.4)	494 (3.3)	492 (2.5)					
United States	483 (2.9)	474 (4.0)	487 (3.6)	481 (3.6)	470 (3.2)					
OECD average-30	499 (0.6)	497 (0.5)	m	496 (0.5)	491 (0.5)					
OECD average-34	m	494 (0.5)	495 (0.5)	494 (0.5)	490 (0.4)					
OECD average-35	m	494 (0.5)	m	494 (0.5)	490 (0.4)					
Partners	Albania	m	m	m	377 (4.0)	394 (2.0)	413 (3.4)			
	Algeria	m	m	m	m	m	360 (3.0)			
	Brazil	356 (4.8)	370 (2.9)	386 (2.4)	389 (1.9)	377 (2.9)				
	B-S-J-G (China)	m	m	m	m	m	531 (4.9)			
	Bulgaria	m	413 (6.1)	428 (5.9)	439 (4.0)	441 (4.0)				
	CABA (Argentina)	m	m	m	418 (7.3)	456 (6.9)				
	Colombia	m	370 (3.8)	381 (3.2)	376 (2.9)	390 (2.3)				
	Costa Rica	m	m	409 (3.0)	407 (3.0)	400 (2.5)				
	Croatia	m	467 (2.4)	460 (3.1)	471 (3.5)	464 (2.8)				
	Cyprus*	m	m	m	440 (1.1)	437 (1.7)				
	Dominican Republic	m	m	m	m	m	328 (2.7)			
	FYROM	m	m	m	m	m	371 (1.3)			
	Georgia	m	m	379 (2.8)	m	m	404 (2.8)			
	Hong Kong (China)	550 (4.5)	547 (2.7)	555 (2.7)	561 (3.2)	548 (3.0)				
	Indonesia	360 (3.9)	391 (5.6)	371 (3.7)	375 (4.0)	386 (3.1)				
	Jordan	m	384 (3.3)	387 (3.7)	386 (3.1)	380 (2.7)				
	Kosovo	m	m	m	m	m	362 (1.6)			
	Lebanon	m	m	m	m	m	396 (3.7)			
	Lithuania	m	486 (2.9)	477 (2.6)	479 (2.6)	478 (2.3)				
	Macao (China)	527 (2.9)	525 (1.3)	525 (0.9)	538 (1.0)	544 (1.1)				
	Malta	m	m	463 (1.4)	m	m	479 (1.7)			
	Moldova	m	m	397 (3.1)	m	m	420 (2.5)			
	Montenegro	m	399 (1.4)	403 (2.0)	410 (1.1)	418 (1.5)				
	Peru	m	m	365 (4.0)	368 (3.7)	387 (2.7)				
	Qatar	m	318 (1.0)	368 (0.7)	376 (0.8)	402 (1.3)				
	Romania	m	415 (4.2)	427 (3.4)	445 (3.8)	444 (3.8)				
	Russia	468 (4.2)	476 (3.9)	468 (3.3)	482 (3.0)	494 (3.1)				
	Singapore	m	m	562 (1.4)	573 (1.3)	564 (1.5)				
	Chinese Taipei	m	549 (4.1)	543 (3.4)	560 (3.3)	542 (3.0)				
	Thailand	417 (3.0)	417 (2.3)	419 (3.2)	427 (3.4)	415 (3.0)				
	Trinidad and Tobago	m	m	414 (1.3)	m	m	417 (1.4)			
	Tunisia	359 (2.5)	365 (4.0)	371 (3.0)	388 (3.9)	367 (3.0)				
	United Arab Emirates	m	m	m	434 (2.4)	427 (2.4)				
Uruguay	422 (3.3)	427 (2.6)	427 (2.6)	409 (2.8)	418 (2.5)					
Viet Nam	m	m	m	511 (4.8)	495 (4.5)					
Argentina**	m	m	381 (6.2)	388 (4.1)	388 (3.5)	409 (3.1)				
Kazakhstan**	m	m	m	405 (3.0)	432 (3.0)	460 (4.3)				
Malaysia**	m	m	m	404 (2.7)	421 (3.2)	446 (3.3)				


Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Average 3-year trend is the average change between the earliest available measurement in PISA and PISA 2015. For countries and economies with more than one available measurement, the average 3-year trend is calculated with a linear regression model. This model considers that Costa Rica, Georgia, Malta and Moldova conducted the PISA 2009 assessment in 2010 as part of PISA 2009+.

For Costa Rica, Georgia, Malta and Moldova, the change between the PISA 2009 and PISA 2015 represents change between 2010 and 2015 because these countries implemented the PISA 2009 assessment in 2010 as part of PISA 2009+.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 2/2]

Table I.5.4a Mean mathematics performance, 2003 through 2015

	Change between 2003 and 2015 (PISA 2015 - PISA 2003)		Change between 2006 and 2015 (PISA 2015 - PISA 2006)		Change between 2009 and 2015 (PISA 2015 - PISA 2009)		Change between 2012 and 2015 (PISA 2015 - PISA 2012)		Average 3-year trend in mathematics performance across PISA assessments		
	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	p-value
OECD											
Australia	-30	(6.2)	-26	(4.5)	-20	(4.8)	-10	(4.2)	-7.7	(1.3)	0.000
Austria	-9	(7.1)	-9	(5.9)	m	m	-9	(5.3)	-1.8	(1.5)	0.226
Belgium	-22	(6.5)	-13	(5.2)	-8	(5.0)	-8	(4.8)	-5.0	(1.4)	0.000
Canada	-17	(6.3)	-11	(4.6)	-11	(4.7)	-2	(4.6)	-4.3	(1.3)	0.001
Chile	m	m	11	(6.3)	2	(5.5)	0	(5.3)	3.5	(1.9)	0.069
Czech Republic	-24	(7.1)	-18	(5.5)	0	(5.3)	-7	(5.1)	-5.8	(1.5)	0.000
Denmark	-3	(6.6)	-2	(4.9)	8	(5.1)	11	(4.8)	-1.9	(1.4)	0.162
Estonia	m	m	5	(4.9)	7	(5.0)	-1	(4.6)	2.3	(1.6)	0.151
Finland	-33	(6.3)	-37	(4.8)	-29	(4.9)	-8	(4.7)	-9.7	(1.3)	0.000
France	-18	(6.5)	-3	(5.2)	-4	(5.3)	-2	(4.8)	-3.6	(1.4)	0.009
Germany	3	(7.1)	2	(6.0)	-7	(5.6)	-8	(5.4)	1.7	(1.5)	0.262
Greece	9	(7.8)	-6	(5.9)	-12	(6.6)	1	(5.7)	1.1	(1.6)	0.483
Hungary	-13	(6.8)	-14	(5.2)	-13	(5.7)	0	(5.4)	-4.0	(1.4)	0.004
Iceland	-27	(6.1)	-18	(4.4)	-19	(4.5)	-5	(4.4)	-6.7	(1.3)	0.000
Ireland	1	(6.5)	2	(4.9)	17	(5.0)	2	(4.7)	0.1	(1.4)	0.918
Israel	m	m	28	(6.7)	23	(6.2)	3	(6.9)	10.1	(2.1)	0.000
Italy	24	(7.0)	28	(5.1)	7	(5.1)	4	(5.0)	7.1	(1.4)	0.000
Japan	-2	(7.5)	9	(5.7)	3	(5.9)	-4	(5.9)	1.0	(1.6)	0.534
Korea	-18	(7.5)	-23	(6.3)	-22	(6.7)	-30	(6.9)	-2.9	(1.6)	0.069
Latvia	-1	(7.0)	-4	(5.0)	0	(5.2)	-8	(4.9)	0.1	(1.5)	0.928
Luxembourg	-7	(5.8)	-4	(3.9)	-3	(4.2)	-4	(3.9)	-1.6	(1.2)	0.191
Mexico	23	(7.1)	2	(5.1)	-10	(4.8)	-5	(4.4)	5.3	(1.5)	0.000
Netherlands	-26	(6.8)	-18	(4.9)	-14	(6.5)	-11	(5.4)	-5.8	(1.4)	0.000
New Zealand	-28	(6.5)	-27	(4.8)	-24	(5.0)	-5	(4.8)	-7.9	(1.3)	0.000
Norway	7	(6.5)	12	(4.9)	4	(5.0)	12	(5.0)	1.2	(1.4)	0.387
Poland	14	(6.6)	9	(4.9)	10	(5.3)	-13	(5.6)	5.0	(1.4)	0.000
Portugal	26	(7.0)	25	(5.3)	5	(5.4)	5	(5.8)	7.2	(1.5)	0.000
Slovak Republic	-23	(7.1)	-17	(5.2)	-21	(5.6)	-6	(5.6)	-5.6	(1.5)	0.000
Slovenia	m	m	5	(3.9)	8	(4.2)	9	(4.0)	1.7	(1.2)	0.163
Spain	1	(6.5)	6	(4.7)	2	(4.8)	2	(4.6)	0.5	(1.3)	0.683
Sweden	-15	(6.9)	-8	(5.3)	0	(5.7)	16	(5.3)	-5.4	(1.4)	0.000
Switzerland	-5	(7.2)	-8	(5.5)	-13	(5.8)	-10	(5.5)	-1.0	(1.5)	0.523
Turkey	-3	(9.7)	-3	(7.3)	-25	(7.1)	-28	(7.3)	1.9	(2.1)	0.368
United Kingdom	m	m	-3	(4.8)	0	(5.1)	-1	(5.4)	-0.7	(1.6)	0.637
United States	-13	(7.1)	-5	(6.2)	-18	(6.1)	-12	(6.0)	-2.0	(1.5)	0.197
OECD average-30	-8	(5.7)	-6	(3.6)	m	m	-5	(3.6)	-1.7	(1.1)	0.144
OECD average-34	m	m	-4	(3.6)	-5	(3.8)	-4	(3.6)	-0.9	(1.1)	0.415
OECD average-35	m	m	-4	(3.6)	m	m	-4	(3.6)	-1.0	(1.1)	0.403
Partners											
Albania	m	m	m	m	36	(6.5)	19	(5.3)	17.8	(3.2)	0.000
Algeria	m	m	m	m	m	m	m	m	m	m	m
Brazil	21	(7.9)	8	(5.4)	-9	(5.3)	-11	(5.0)	6.2	(1.6)	0.000
B-S-J-G (China)	m	m	m	m	m	m	m	m	m	m	m
Bulgaria	m	m	28	(8.1)	13	(8.0)	2	(6.6)	9.3	(2.6)	0.000
CABA (Argentina)	m	m	m	m	m	m	38	(10.7)	38.3	(10.7)	0.000
Colombia	m	m	20	(5.6)	9	(5.5)	13	(5.1)	5.4	(1.8)	0.002
Costa Rica	m	m	m	m	-9	(5.4)	-7	(5.3)	-5.8	(3.2)	0.067
Croatia	m	m	-3	(5.1)	4	(5.6)	-7	(5.7)	0.1	(1.6)	0.956
Cyprus*	m	m	m	m	m	m	-3	(4.1)	-2.6	(4.1)	0.532
Dominican Republic	m	m	m	m	m	m	m	m	m	m	m
FYROM	m	m	m	m	m	m	m	m	m	m	m
Georgia	m	m	m	m	24	(5.5)	m	m	14.6	(3.3)	0.000
Hong Kong (China)	-2	(7.8)	0	(5.3)	-7	(5.5)	-13	(5.6)	0.9	(1.6)	0.569
Indonesia	26	(7.5)	-5	(7.3)	15	(6.1)	11	(6.2)	3.6	(1.7)	0.032
Jordan	m	m	-4	(5.5)	-6	(5.9)	-5	(5.4)	-1.2	(1.8)	0.485
Kosovo	m	m	m	m	m	m	m	m	m	m	m
Lebanon	m	m	m	m	m	m	m	m	m	m	m
Lithuania	m	m	-8	(5.1)	2	(5.2)	0	(5.0)	-2.2	(1.6)	0.178
Macao (China)	17	(6.4)	19	(3.9)	19	(4.0)	6	(3.8)	4.6	(1.3)	0.000
Malta	m	m	m	m	16	(4.4)	m	m	9.5	(2.6)	0.000
Moldova	m	m	m	m	22	(5.5)	m	m	13.3	(3.3)	0.000
Montenegro	m	m	19	(4.0)	15	(4.5)	8	(4.0)	6.2	(1.3)	0.000
Peru	m	m	m	m	21	(6.1)	18	(5.8)	10.4	(3.0)	0.001
Qatar	m	m	84	(3.9)	34	(4.1)	26	(3.8)	26.3	(1.2)	0.000
Romania	m	m	29	(6.7)	17	(6.3)	-1	(6.4)	10.5	(2.1)	0.000
Russia	26	(7.7)	18	(6.1)	26	(5.9)	12	(5.6)	5.9	(1.6)	0.000
Singapore	m	m	m	m	2	(4.3)	-9	(4.1)	1.2	(2.3)	0.585
Chinese Taipei	m	m	-7	(6.2)	-1	(5.9)	-18	(5.7)	-0.5	(1.9)	0.801
Thailand	-2	(7.0)	-2	(5.2)	-3	(5.8)	-11	(5.8)	0.6	(1.5)	0.678
Trinidad and Tobago	m	m	m	m	3	(4.2)	m	m	1.6	(2.1)	0.450
Tunisia	8	(6.8)	1	(6.1)	-5	(5.7)	-21	(6.1)	3.8	(1.5)	0.010
United Arab Emirates	m	m	m	m	m	m	-7	(4.9)	-6.5	(4.9)	0.185
Uruguay	-4	(7.0)	-9	(5.0)	-9	(5.2)	9	(5.1)	-2.6	(1.5)	0.080
Viet Nam	m	m	m	m	m	m	-17	(7.5)	-16.8	(7.5)	0.024
Argentina**	m	m	28	(7.8)	21	(6.4)	21	(5.9)	8.4	(2.4)	0.001
Kazakhstan**	m	m	m	m	55	(6.5)	28	(6.3)	27.0	(3.2)	0.000
Malaysia**	m	m	m	m	42	(5.7)	26	(5.8)	25.2	(3.4)	0.000

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Average 3-year trend is the average change between the earliest available measurement in PISA and PISA 2015. For countries and economies with more than one available measurement, the average 3-year trend is calculated with a linear regression model. This model considers that Costa Rica, Georgia, Malta and Moldova conducted the PISA 2009 assessment in 2010 as part of PISA 2009+.

For Costa Rica, Georgia, Malta and Moldova, the change between the PISA 2009 and PISA 2015 represents change between 2010 and 2015 because these countries implemented the PISA 2009 assessment in 2010 as part of PISA 2009+.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/1]


Table 1.5.6b Percentage of low achievers and top performers in mathematics, by gender (PISA 2003)

	Boys				Girls				Gender differences (boys - girls)			
	Below Level 2 (less than 420.07 score points)		Level 5 or above (above 606.99 score points)		Below Level 2 (less than 420.07 score points)		Level 5 or above (above 606.99 score points)		Below Level 2 (less than 420.07 score points)		Level 5 or above (above 606.99 score points)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	% dif.	S.E.	% dif.	S.E.
OECD												
Australia	14.9	(0.8)	21.6	(1.2)	13.8	(0.9)	17.9	(1.0)	1.1	(1.1)	3.8	(1.6)
Austria	19.2	(1.4)	16.7	(1.3)	18.4	(1.5)	11.8	(1.2)	0.8	(1.8)	4.9	(1.5)
Belgium	17.2	(1.2)	29.1	(1.2)	15.7	(1.1)	23.6	(1.0)	1.5	(1.8)	5.5	(1.4)
Canada	10.3	(0.6)	25.2	(1.0)	9.4	(0.6)	17.8	(0.9)	0.8	(0.8)	7.3	(1.2)
Chile	m	m	m	m	m	m	m	m	m	m	m	m
Czech Republic	15.1	(1.4)	21.6	(1.5)	18.1	(1.7)	14.8	(1.3)	-2.9	(1.8)	6.8	(1.7)
Denmark	13.4	(1.0)	18.0	(1.2)	17.4	(1.2)	13.9	(1.0)	-4.0	(1.4)	4.1	(1.2)
Estonia	m	m	m	m	m	m	m	m	m	m	m	m
Finland	7.3	(0.7)	26.0	(1.2)	6.2	(0.6)	20.8	(1.0)	1.1	(0.9)	5.2	(1.5)
France	16.8	(1.5)	17.9	(1.5)	16.5	(1.3)	12.6	(1.0)	0.3	(1.7)	5.3	(1.7)
Germany	21.4	(1.5)	18.3	(1.3)	21.4	(1.4)	14.1	(1.1)	0.0	(1.7)	4.2	(1.5)
Greece	35.8	(2.1)	5.8	(0.8)	41.9	(2.1)	2.3	(0.5)	-6.2	(1.8)	3.4	(0.7)
Hungary	22.2	(1.3)	11.9	(1.0)	23.9	(1.4)	9.3	(1.0)	-1.7	(1.7)	2.7	(1.0)
Iceland	18.3	(1.0)	15.0	(1.0)	11.5	(0.9)	15.9	(1.0)	6.7	(1.4)	-0.9	(1.5)
Ireland	15.0	(1.3)	13.7	(1.1)	18.7	(1.4)	9.0	(1.0)	-3.7	(1.9)	4.7	(1.4)
Israel	m	m	m	m	m	m	m	m	m	m	m	m
Italy	29.7	(2.1)	9.6	(0.7)	34.0	(2.1)	4.6	(0.4)	-4.2	(2.9)	5.0	(0.7)
Japan	14.2	(1.5)	27.5	(2.3)	12.4	(1.4)	21.3	(1.5)	1.8	(1.7)	6.2	(2.5)
Korea	8.5	(1.1)	28.6	(1.8)	11.0	(1.3)	19.1	(2.0)	-2.5	(1.6)	9.5	(2.5)
Latvia	24.4	(1.9)	9.4	(1.1)	23.1	(1.6)	6.7	(0.9)	1.2	(2.0)	2.7	(1.1)
Luxembourg	20.0	(0.8)	13.8	(0.8)	23.4	(0.9)	7.9	(0.7)	-3.4	(1.2)	5.9	(1.0)
Mexico	63.1	(2.1)	0.5	(0.2)	68.5	(2.0)	0.2	(0.1)	-5.4	(2.1)	0.3	(0.1)
Netherlands	10.2	(1.5)	26.1	(1.7)	11.7	(1.4)	24.9	(1.5)	-1.5	(1.8)	1.3	(1.7)
New Zealand	14.5	(0.9)	23.9	(1.1)	15.6	(1.3)	17.4	(0.9)	-1.1	(1.5)	6.5	(1.4)
Norway	20.6	(1.1)	13.2	(0.8)	21.1	(1.5)	9.6	(0.8)	-0.5	(1.6)	3.6	(1.0)
Poland	22.7	(1.2)	12.1	(1.0)	21.4	(1.3)	8.1	(0.8)	1.3	(1.4)	4.0	(1.5)
Portugal	28.7	(2.0)	7.2	(0.8)	31.3	(1.8)	3.7	(0.6)	-2.6	(1.6)	3.6	(1.0)
Slovak Republic	18.0	(1.6)	15.4	(1.1)	22.0	(1.7)	9.8	(0.9)	-3.9	(1.6)	5.6	(1.1)
Slovenia	m	m	m	m	m	m	m	m	m	m	m	m
Spain	22.5	(1.3)	9.9	(1.1)	23.4	(1.0)	6.1	(0.6)	-0.9	(1.3)	3.8	(1.0)
Sweden	16.7	(1.1)	17.3	(1.1)	17.9	(1.0)	14.2	(1.2)	-1.2	(1.2)	3.1	(1.7)
Switzerland	13.4	(1.0)	24.2	(2.4)	15.7	(1.1)	18.0	(1.4)	-2.3	(1.3)	6.3	(2.4)
Turkey	49.3	(2.9)	6.5	(1.9)	55.8	(3.0)	4.2	(1.4)	-6.4	(3.1)	2.4	(1.1)
United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m
United States	25.2	(1.3)	11.7	(1.0)	26.3	(1.4)	8.4	(0.9)	-1.1	(1.5)	3.3	(1.2)
OECD average-30	20.9	(0.3)	16.6	(0.2)	22.2	(0.3)	12.3	(0.2)	-1.3	(0.3)	4.3	(0.3)
OECD average-35	m	m	m	m	m	m	m	m	m	m	m	m
Partners												
Albania	m	m	m	m	m	m	m	m	m	m	m	m
Algeria	m	m	m	m	m	m	m	m	m	m	m	m
Brazil	72.5	(2.3)	1.9	(0.7)	77.5	(1.5)	0.5	(0.3)	-4.9	(1.7)	1.4	(0.6)
B-S-J-G (China)	m	m	m	m	m	m	m	m	m	m	m	m
Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m
CABA (Argentina)	m	m	m	m	m	m	m	m	m	m	m	m
Colombia	m	m	m	m	m	m	m	m	m	m	m	m
Costa Rica	m	m	m	m	m	m	m	m	m	m	m	m
Croatia	m	m	m	m	m	m	m	m	m	m	m	m
Cyprus*	m	m	m	m	m	m	m	m	m	m	m	m
Dominican Republic	m	m	m	m	m	m	m	m	m	m	m	m
FYROM	m	m	m	m	m	m	m	m	m	m	m	m
Georgia	m	m	m	m	m	m	m	m	m	m	m	m
Hong Kong (China)	11.8	(1.7)	33.1	(2.3)	9.0	(1.1)	28.3	(2.0)	2.8	(1.6)	4.8	(3.1)
Indonesia	78.0	(1.7)	0.2	(0.1)	78.3	(2.0)	0.2	(0.1)	-0.3	(1.5)	0.0	(0.1)
Jordan	m	m	m	m	m	m	m	m	m	m	m	m
Kosovo	m	m	m	m	m	m	m	m	m	m	m	m
Lebanon	m	m	m	m	m	m	m	m	m	m	m	m
Lithuania	m	m	m	m	m	m	m	m	m	m	m	m
Macao (China)	10.8	(1.7)	24.0	(2.7)	11.5	(1.7)	13.6	(1.6)	-0.6	(2.4)	10.3	(3.4)
Malta	m	m	m	m	m	m	m	m	m	m	m	m
Moldova	m	m	m	m	m	m	m	m	m	m	m	m
Montenegro	m	m	m	m	m	m	m	m	m	m	m	m
Peru	m	m	m	m	m	m	m	m	m	m	m	m
Qatar	m	m	m	m	m	m	m	m	m	m	m	m
Romania	m	m	m	m	m	m	m	m	m	m	m	m
Russia	29.9	(2.3)	8.9	(1.1)	30.6	(2.0)	5.1	(0.8)	-0.7	(2.3)	3.8	(1.0)
Singapore	m	m	m	m	m	m	m	m	m	m	m	m
Chinese Taipei	m	m	m	m	m	m	m	m	m	m	m	m
Thailand	55.0	(2.1)	1.7	(0.5)	53.1	(1.9)	1.6	(0.5)	1.9	(2.2)	0.0	(0.6)
Trinidad and Tobago	m	m	m	m	m	m	m	m	m	m	m	m
Tunisia	76.3	(1.2)	0.3	(0.2)	79.6	(1.5)	0.2	(0.1)	-3.3	(1.4)	0.1	(0.2)
United Arab Emirates	m	m	m	m	m	m	m	m	m	m	m	m
Uruguay	45.6	(1.8)	3.8	(0.6)	50.5	(1.9)	1.9	(0.4)	-4.9	(2.0)	1.9	(0.5)
Viet Nam	m	m	m	m	m	m	m	m	m	m	m	m
Argentina**	m	m	m	m	m	m	m	m	m	m	m	m
Kazakhstan**	m	m	m	m	m	m	m	m	m	m	m	m
Malaysia**	m	m	m	m	m	m	m	m	m	m	m	m

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/1]


Table 1.5.6d Change between 2003 and 2015 in the percentage of low achievers and top performers in mathematics, by gender (PISA 2015 - PISA 2003)

	Boys				Girls				Gender differences (boys - girls)			
	Below Level 2 (less than 420.07 score points)		Level 5 or above (above 606.99 score points)		Below Level 2 (less than 420.07 score points)		Level 5 or above (above 606.99 score points)		Below Level 2 (less than 420.07 score points)		Level 5 or above (above 606.99 score points)	
	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.
OECD												
Australia	7.2	(2.8)	-8.6	(2.5)	8.1	(4.0)	-8.2	(2.1)	-1.0	(1.9)	-0.3	(1.8)
Austria	-0.4	(3.0)	0.0	(3.9)	6.4	(4.0)	-3.7	(1.6)	-6.8	(2.7)	3.7	(2.0)
Belgium	1.7	(3.0)	-10.4	(3.2)	5.5	(2.8)	-10.6	(2.5)	-3.7	(2.2)	0.2	(1.7)
Canada	3.8	(2.1)	-8.0	(3.1)	5.3	(2.9)	-4.9	(2.6)	-1.5	(1.2)	-3.1	(1.7)
Chile	m	m	m	m	m	m	m	m	m	m	m	m
Czech Republic	7.0	(3.5)	-9.4	(2.4)	3.2	(4.1)	-6.4	(2.1)	3.7	(2.4)	-3.0	(2.0)
Denmark	-0.5	(2.8)	-4.3	(2.5)	-3.1	(3.1)	-4.3	(2.2)	2.7	(1.9)	0.0	(1.7)
Estonia	m	m	m	m	m	m	m	m	m	m	m	m
Finland	8.4	(2.6)	-13.8	(2.5)	5.0	(2.1)	-9.7	(3.4)	3.4	(1.4)	-4.2	(1.7)
France	7.1	(3.3)	-4.6	(3.4)	6.6	(3.4)	-3.0	(2.6)	0.4	(2.4)	-1.6	(2.0)
Germany	-6.3	(2.9)	-2.8	(3.0)	-2.1	(3.3)	-3.8	(2.2)	-4.2	(2.0)	1.0	(1.8)
Greece	1.1	(5.2)	-1.2	(1.2)	-7.3	(7.6)	0.8	(0.9)	8.4	(2.8)	-2.0	(1.0)
Hungary	5.0	(4.1)	-2.4	(1.8)	4.8	(3.6)	-2.6	(1.6)	0.2	(2.6)	0.2	(1.4)
Iceland	6.2	(5.2)	-4.6	(1.9)	11.3	(3.1)	-5.7	(1.9)	-5.1	(2.2)	1.0	(2.1)
Ireland	-0.8	(3.1)	-0.8	(2.6)	-2.8	(3.9)	-2.5	(1.8)	2.0	(2.3)	1.7	(1.9)
Israel	m	m	m	m	m	m	m	m	m	m	m	m
Italy	-9.0	(3.5)	3.6	(2.6)	-8.2	(5.4)	3.2	(1.3)	-0.8	(3.5)	0.3	(1.3)
Japan	-4.4	(2.2)	-4.0	(5.3)	-0.9	(2.1)	-4.2	(3.7)	-3.5	(2.0)	0.2	(2.9)
Korea	9.2	(2.8)	-6.9	(3.9)	2.0	(2.3)	0.9	(3.9)	7.3	(2.4)	-7.8	(3.2)
Latvia	-1.4	(4.5)	-3.3	(1.7)	-3.3	(5.8)	-2.5	(1.3)	1.9	(2.6)	-0.8	(1.4)
Luxembourg	4.9	(3.9)	-1.7	(2.1)	3.4	(3.7)	-0.1	(1.6)	1.5	(1.9)	-1.6	(1.5)
Mexico	-8.7	(8.0)	-0.1	(0.2)	-9.6	(8.2)	0.0	(0.1)	0.8	(2.6)	-0.1	(0.2)
Netherlands	7.1	(3.0)	-9.1	(3.8)	4.6	(2.8)	-10.8	(4.2)	2.5	(2.1)	1.7	(2.0)
New Zealand	7.2	(3.3)	-10.3	(2.9)	6.0	(3.8)	-8.3	(2.1)	1.2	(2.4)	-2.1	(1.9)
Norway	-1.8	(2.8)	-1.7	(2.5)	-5.8	(3.3)	0.2	(1.7)	4.0	(2.0)	-1.9	(1.4)
Poland	-6.7	(2.6)	2.1	(2.9)	-3.0	(3.5)	2.0	(2.3)	-3.7	(2.0)	0.1	(1.9)
Portugal	-5.3	(3.6)	6.8	(2.5)	-7.1	(4.2)	5.1	(1.9)	1.8	(2.1)	1.8	(1.4)
Slovak Republic	9.5	(4.2)	-6.4	(1.9)	5.9	(4.2)	-3.2	(1.9)	3.6	(2.4)	-3.2	(1.5)
Slovenia	m	m	m	m	m	m	m	m	m	m	m	m
Spain	-2.1	(3.7)	-0.4	(2.0)	0.6	(3.7)	-1.1	(1.1)	-2.6	(1.9)	0.7	(1.4)
Sweden	5.4	(3.3)	-5.9	(2.4)	1.7	(3.4)	-4.9	(2.1)	3.6	(1.8)	-1.1	(2.1)
Switzerland	2.1	(2.5)	-2.0	(4.4)	0.3	(2.5)	-2.0	(3.0)	1.7	(1.9)	0.0	(2.8)
Turkey	0.8	(7.1)	-5.1	(1.9)	-3.2	(8.0)	-3.3	(1.4)	4.0	(4.0)	-1.8	(1.1)
United Kingdom	m	m	m	m	m	m	m	m	m	m	m	m
United States	3.5	(4.4)	-4.9	(2.0)	3.9	(6.6)	-3.4	(1.4)	-0.4	(2.3)	-1.5	(1.5)
OECD average-30	1.7	(2.9)	-4.0	(1.9)	0.9	(3.3)	-3.2	(1.4)	0.7	(0.4)	-0.8	(0.3)
OECD average-35	m	m	m	m	m	m	m	m	m	m	m	m
Partners												
Albania	m	m	m	m	m	m	m	m	m	m	m	m
Algeria	m	m	m	m	m	m	m	m	m	m	m	m
Brazil	-5.9	(5.0)	-0.8	(0.7)	-3.8	(4.8)	0.1	(0.3)	-2.1	(2.0)	-0.9	(0.6)
B-S-J-G (China)	m	m	m	m	m	m	m	m	m	m	m	m
Bulgaria	m	m	m	m	m	m	m	m	m	m	m	m
CABA (Argentina)	m	m	m	m	m	m	m	m	m	m	m	m
Colombia	m	m	m	m	m	m	m	m	m	m	m	m
Costa Rica	m	m	m	m	m	m	m	m	m	m	m	m
Croatia	m	m	m	m	m	m	m	m	m	m	m	m
Cyprus*	m	m	m	m	m	m	m	m	m	m	m	m
Dominican Republic	m	m	m	m	m	m	m	m	m	m	m	m
FYROM	m	m	m	m	m	m	m	m	m	m	m	m
Georgia	m	m	m	m	m	m	m	m	m	m	m	m
Hong Kong (China)	-2.1	(2.2)	-4.8	(6.4)	-0.8	(1.6)	-3.5	(6.9)	-1.3	(2.0)	-1.2	(3.8)
Indonesia	-8.4	(7.5)	0.4	(0.3)	-10.6	(7.8)	0.4	(0.3)	2.2	(2.6)	0.0	(0.3)
Jordan	m	m	m	m	m	m	m	m	m	m	m	m
Kosovo	m	m	m	m	m	m	m	m	m	m	m	m
Lebanon	m	m	m	m	m	m	m	m	m	m	m	m
Lithuania	m	m	m	m	m	m	m	m	m	m	m	m
Macao (China)	-2.8	(2.2)	-2.8	(5.8)	-6.2	(1.9)	8.9	(7.0)	3.4	(2.6)	-11.7	(3.8)
Malta	m	m	m	m	m	m	m	m	m	m	m	m
Moldova	m	m	m	m	m	m	m	m	m	m	m	m
Montenegro	m	m	m	m	m	m	m	m	m	m	m	m
Peru	m	m	m	m	m	m	m	m	m	m	m	m
Qatar	m	m	m	m	m	m	m	m	m	m	m	m
Romania	m	m	m	m	m	m	m	m	m	m	m	m
Russia	-11.4	(4.4)	0.7	(2.7)	-11.2	(3.8)	2.8	(1.7)	-0.3	(2.8)	-2.1	(1.4)
Singapore	m	m	m	m	m	m	m	m	m	m	m	m
Chinese Taipei	m	m	m	m	m	m	m	m	m	m	m	m
Thailand	-0.3	(8.1)	-0.1	(0.7)	0.0	(10.3)	-0.3	(0.6)	-0.3	(3.0)	0.1	(0.9)
Trinidad and Tobago	m	m	m	m	m	m	m	m	m	m	m	m
Tunisia	-3.4	(4.2)	0.4	(0.4)	-3.2	(4.2)	0.2	(0.2)	-0.1	(2.0)	0.3	(0.3)
United Arab Emirates	m	m	m	m	m	m	m	m	m	m	m	m
Uruguay	4.1	(6.8)	-1.3	(0.8)	4.5	(7.5)	-0.9	(0.5)	-0.4	(2.8)	-0.4	(0.7)
Viet Nam	m	m	m	m	m	m	m	m	m	m	m	m
Argentina**	m	m	m	m	m	m	m	m	m	m	m	m
Kazakhstan**	m	m	m	m	m	m	m	m	m	m	m	m
Malaysia**	m	m	m	m	m	m	m	m	m	m	m	m

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/3]

Table 1.6.1 Change between 2003 and 2015 in the enrolment of 15-year-olds in grade 7 and above

	PISA 2015				PISA 2012			
	Total population of 15-year-olds	Total population of 15-year-olds enrolled in grade 7 or above	Weighted number of participating students	Coverage index 3: Coverage of the national 15-year-old population	Total population of 15-year-olds	Total population of 15-year-olds enrolled in grade 7 or above	Weighted number of participating students	Coverage index 3: Coverage of the national 15-year-old population
OECD								
Australia	282 888	282 547	256 329	0.91	291 967	288 159	250 779	0.86
Austria	88 013	82 683	73 379	0.83	93 537	89 073	82 242	0.88
Belgium	123 630	121 954	114 902	0.93	123 469	121 493	117 912	0.95
Canada	396 966	381 660	331 546	0.84	417 873	409 453	348 070	0.83
Chile	255 440	245 947	203 782	0.80	274 803	252 733	229 199	0.83
Czech Republic	90 391	90 076	84 519	0.94	96 946	93 214	82 101	0.85
Denmark	68 174	67 466	60 655	0.89	72 310	70 854	65 642	0.91
Estonia	11 676	11 491	10 834	0.93	12 649	12 438	11 634	0.92
Finland	58 526	58 955	56 934	0.97	62 523	62 195	60 047	0.96
France	807 867	778 679	734 944	0.91	792 983	755 447	701 399	0.88
Germany	774 149	774 149	743 969	0.96	798 136	798 136	756 907	0.95
Greece	105 530	105 253	96 157	0.91	110 521	105 096	96 640	0.87
Hungary	94 515	90 065	84 644	0.90	111 761	108 816	91 179	0.82
Iceland	4 250	4 195	3 966	0.93	4 505	4 491	4 169	0.93
Ireland	61 234	59 811	59 082	0.96	59 296	57 979	54 010	0.91
Israel	124 852	118 997	117 031	0.94	118 953	113 278	107 745	0.91
Italy	616 761	567 268	495 093	0.80	605 490	566 973	521 288	0.86
Japan	1 201 615	1 175 907	1 138 349	0.95	1 241 786	1 214 756	1 128 179	0.91
Korea	620 687	619 950	569 106	0.92	687 104	672 101	603 632	0.88
Latvia	17 255	16 955	15 320	0.89	18 789	18 389	16 054	0.85
Luxembourg	6 327	6 053	5 540	0.88	6 187	6 082	5 523	0.85
Mexico	2 257 399	1 401 247	1 392 995	0.62	2 114 745	1 472 875	1 326 025	0.63
Netherlands	201 670	200 976	191 817	0.95	194 000	193 190	196 262	1.01
New Zealand	60 162	57 448	54 274	0.90	60 940	59 118	53 414	0.88
Norway	63 642	63 491	58 083	0.91	64 917	64 777	59 432	0.92
Poland	380 366	361 600	345 709	0.91	425 597	410 700	379 275	0.89
Portugal	110 939	101 107	97 214	0.88	108 728	127 537	96 034	0.88
Slovak Republic	55 674	55 203	49 654	0.89	59 723	59 367	54 486	0.91
Slovenia	18 078	17 689	16 773	0.93	19 471	18 935	18 303	0.94
Spain	440 084	414 276	399 935	0.91	423 444	404 374	374 266	0.88
Sweden	97 749	97 210	91 491	0.94	102 087	102 027	94 988	0.93
Switzerland	85 495	83 655	82 223	0.96	87 200	85 239	79 679	0.91
Turkey	1 324 089	1 100 074	925 366	0.70	1 266 638	965 736	866 681	0.68
United Kingdom	747 593	746 328	627 703	0.84	738 066	745 581	688 236	0.93
United States	4 220 325	3 992 053	3 524 497	0.84	3 985 714	4 074 457	3 536 153	0.89
Partners								
Albania	48 610	45 163	40 896	0.84	76 910	50 157	42 466	0.55
Algeria	389 315	354 936	306 647	0.79	m	m	m	m
Brazil	3 430 255	2 853 388	2 425 961	0.71	3 435 778	2 786 064	2 470 804	0.72
B-S-J-G (China)	2 084 958	1 507 518	1 331 794	0.64	m	m	m	m
Bulgaria	66 601	59 397	53 685	0.81	70 188	59 684	54 255	0.77
CABA (Argentina)	30 974	35 767	32 180	1.04	36 183	36 694	33 009	0.91
Colombia	760 919	674 079	567 848	0.75	889 729	620 422	560 805	0.63
Costa Rica	81 773	66 524	51 897	0.63	81 489	64 326	40 384	0.50
Croatia	45 031	35 920	40 899	0.91	48 155	46 550	45 502	0.94
Cyprus*	9 255	9 255	8 785	0.95	9 956	9 956	9 650	0.97
Dominican Republic	193 153	139 555	132 300	0.68	m	m	m	m
FYROM	16 719	16 717	15 847	0.95	m	m	m	m
Georgia	48 695	43 197	38 334	0.79	m	m	m	m
Hong Kong (China)	65 100	61 630	57 662	0.89	84 200	77 864	70 636	0.84
Indonesia	4 534 216	3 182 816	3 092 773	0.68	4 174 217	3 599 844	2 645 155	0.63
Jordan	126 399	121 729	108 669	0.86	129 492	125 333	111 098	0.86
Kosovo	31 546	28 229	22 333	0.71	m	m	m	m
Lebanon	64 044	62 281	42 331	0.66	m	m	m	m
Lithuania	33 163	32 097	29 915	0.90	38 524	35 567	33 042	0.86
Macao (China)	5 100	4 417	4 507	0.88	6 600	5 416	5 366	0.81
Malta	4 397	4 406	4 296	0.98	m	m	m	m
Moldova	31 576	30 601	29 341	0.93	m	m	m	m
Montenegro	7 524	7 506	6 777	0.90	8 600	8 600	7 714	0.90
Peru	580 371	478 229	431 738	0.74	584 294	508 969	419 945	0.72
Qatar	13 871	13 850	12 951	0.93	11 667	11 532	11 003	0.94
Romania	176 334	176 334	164 216	0.93	146 243	146 243	140 915	0.96
Russia	1 176 473	1 172 943	1 120 932	0.95	1 272 632	1 268 814	1 172 539	0.92
Singapore	48 218	47 050	46 224	0.96	53 637	52 163	51 088	0.95
Chinese Taipei	295 056	287 783	251 424	0.85	328 356	328 336	292 542	0.89
Thailand	895 513	756 917	634 795	0.71	982 080	784 897	703 012	0.72
Trinidad and Tobago	17 371	17 371	13 197	0.76	m	m	m	m
Tunisia	122 186	122 186	113 599	0.93	132 313	132 313	120 784	0.91
United Arab Emirates	51 687	51 518	46 950	0.91	48 824	48 446	40 612	0.83
Uruguay	53 533	43 865	38 287	0.72	54 638	46 442	39 771	0.73
Viet Nam	1 803 552	1 032 599	874 859	0.49	1 717 996	1 091 462	956 517	0.56
Argentina**	718 635	578 308	394 917	0.55	684 879	637 603	545 942	0.80
Kazakhstan**	211 407	209 555	192 909	0.91	258 716	247 048	208 411	0.81
Malaysia**	540 000	448 838	412 524	0.76	544 302	457 999	432 080	0.79


Notes: Costa Rica, Georgia, Malta and Moldova conducted the PISA 2009 assessment in 2010 as part of PISA 2009+.

For Brazil, estimates of the Total population of 15-year-olds across years have been updated at the request of the National Institute for Educational Studies and Research (INEP). Therefore, the estimates reported in this table do not match those that appear in previous PISA reports.

For Mexico, in 2015, the Total population of 15-year-olds enrolled in grade 7 or above is an estimate of the target population size of the sample frame from which the 15-year-olds students were selected for the PISA test. At the time Mexico provided the information to PISA, the official figure for this population was 1 573 952.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 2/3]

Table 1.6.1 Change between 2003 and 2015 in the enrolment of 15-year-olds in grade 7 and above

	PISA 2009				PISA 2006			
	Total population of 15-year-olds	Total population of 15-year-olds enrolled in grade 7 or above	Weighted number of participating students	Coverage index 3: Coverage of the national 15-year-old population	Total population of 15-year-olds	Total population of 15-year-olds enrolled in grade 7 or above	Weighted number of participating students	Coverage index 3: Coverage of the national 15-year-old population
OECD								
Australia	286 334	269 669	240 851	0.84	270 115	256 754	234 940	0.87
Austria	99 818	94 192	87 326	0.87	97 337	92 149	89 925	0.92
Belgium	126 377	126 335	119 140	0.94	124 943	124 557	123 161	0.99
Canada	430 791	426 590	360 286	0.84	426 967	428 876	370 879	0.87
Chile	290 056	265 542	247 270	0.85	299 426	255 459	233 526	0.78
Czech Republic	122 027	116 153	113 951	0.93	127 748	124 764	128 827	1.01
Denmark	70 522	68 897	60 855	0.86	66 989	65 984	57 013	0.85
Estonia	14 248	14 106	12 978	0.91	19 871	19 623	18 662	0.94
Finland	66 198	66 198	61 463	0.93	66 232	66 232	61 387	0.93
France	749 808	732 825	677 620	0.90	809 375	809 375	739 428	0.91
Germany	852 044	852 044	766 993	0.90	951 535	1 062 920	903 512	0.95
Greece	102 229	105 664	93 088	0.91	107 505	110 663	96 412	0.90
Hungary	121 155	118 387	105 611	0.87	124 444	120 061	106 010	0.85
Iceland	4 738	4 738	4 410	0.93	4 820	4 777	4 624	0.96
Ireland	56 635	55 464	52 794	0.93	58 667	57 648	55 114	0.94
Israel	122 701	112 254	103 184	0.84	122 626	109 370	93 347	0.76
Italy	586 904	573 542	506 733	0.86	578 131	639 971	520 055	0.90
Japan	1 211 642	1 189 263	1 113 403	0.92	1 246 207	1 222 171	1 113 701	0.89
Korea	717 164	700 226	630 030	0.88	660 812	627 868	576 669	0.87
Latvia	28 749	28 149	23 362	0.81	34 277	33 659	29 232	0.85
Luxembourg	5 864	5 623	5 124	0.87	4 595	4 595	4 733	1.03
Mexico	2 151 771	1 425 397	1 305 461	0.61	2 200 916	1 383 364	1 190 420	0.54
Netherlands	199 000	198 334	183 546	0.92	197 046	193 769	189 576	0.96
New Zealand	63 460	60 083	55 129	0.87	63 800	59 341	53 398	0.84
Norway	63 352	62 948	57 367	0.91	61 708	61 449	59 884	0.97
Poland	482 500	473 700	448 866	0.93	549 000	546 000	515 993	0.94
Portugal	115 669	107 583	96 820	0.84	115 426	100 816	90 079	0.78
Slovak Republic	72 826	72 454	69 274	0.95	79 989	78 427	76 201	0.95
Slovenia	20 314	19 571	18 773	0.92	23 431	23 018	20 595	0.88
Spain	433 224	425 336	387 054	0.89	439 415	436 885	381 686	0.87
Sweden	121 486	121 216	113 054	0.93	129 734	127 036	126 393	0.97
Switzerland	90 623	89 423	80 839	0.89	87 766	86 108	89 651	1.02
Turkey	1 336 842	859 172	757 298	0.57	1 423 514	800 968	665 477	0.47
United Kingdom	786 626	786 825	683 380	0.87	779 076	767 248	732 004	0.94
United States	4 103 738	4 210 475	3 373 264	0.82	4 192 939	4 192 939	3 578 040	0.85
Partners								
Albania	55 587	42 767	34 134	0.61	m	m	m	m
Algeria	m	m	m	m	m	m	m	m
Brazil	3 436 726	2 654 489	2 080 159	0.61	3 454 698	2 374 044	1 875 461	0.54
B-S-J-G (China)	m	m	m	m	m	m	m	m
Bulgaria	80 226	70 688	57 833	0.72	89 751	88 071	74 326	0.83
CABA (Argentina)	m	m	m	m	m	m	m	m
Colombia	893 057	582 640	522 388	0.58	897 477	543 630	537 262	0.60
Costa Rica	80 523	63 603	42 954	0.53	m	m	m	m
Croatia	48 491	46 256	43 065	0.89	54 500	51 318	46 523	0.85
Cyprus*	m	m	m	m	m	m	m	m
Dominican Republic	m	m	m	m	m	m	m	m
FYROM	m	m	m	m	m	m	m	m
Georgia	56 070	51 351	42 641	0.76	m	m	m	m
Hong Kong (China)	85 000	78 224	75 548	0.89	77 398	75 542	75 145	0.97
Indonesia	4 267 801	3 158 173	2 259 118	0.53	4 238 600	3 119 393	2 248 313	0.53
Jordan	117 732	107 254	104 056	0.88	138 026	126 708	90 267	0.65
Kosovo	m	m	m	m	m	m	m	m
Lebanon	m	m	m	m	m	m	m	m
Lithuania	51 822	43 967	40 530	0.78	53 931	51 808	50 329	0.93
Macao (China)	7 500	5 969	5 978	0.80	m	m	m	m
Malta	5 152	4 930	4 807	0.93	m	m	m	m
Moldova	47 873	44 069	43 195	0.90	m	m	m	m
Montenegro	8 500	8 493	7 728	0.91	9 190	8 973	7 734	0.84
Peru	585 567	491 514	427 607	0.73	m	m	m	m
Qatar	10 974	10 665	9 806	0.89	8 053	7 865	7 271	0.90
Romania	152 084	152 084	151 130	0.99	341 181	241 890	223 887	0.66
Russia	1 673 085	1 667 460	1 290 047	0.77	2 243 924	2 077 231	1 810 856	0.81
Singapore	54 982	54 212	51 874	0.94	m	m	m	m
Chinese Taipei	329 249	329 189	297 203	0.90	m	m	m	m
Thailand	949 891	763 679	691 916	0.73	895 924	727 860	644 125	0.72
Trinidad and Tobago	19 260	17 768	14 938	0.78	m	m	m	m
Tunisia	153 914	153 914	136 545	0.89	153 331	153 331	138 491	0.90
United Arab Emirates	41 564	40 447	38 707	0.94	m	m	m	m
Uruguay	53 801	43 281	33 971	0.63	52 119	40 815	36 011	0.69
Viet Nam	m	m	m	m	m	m	m	m
Argentina**	688 434	636 713	472 106	0.69	662 686	579 222	523 048	0.79
Kazakhstan**	281 659	263 206	250 657	0.89	m	m	m	m
Malaysia**	539 295	492 758	421 448	0.78	m	m	m	m

Notes: Costa Rica, Georgia, Malta and Moldova conducted the PISA 2009 assessment in 2010 as part of PISA 2009+.

For Brazil, estimates of the Total population of 15-year-olds across years have been updated at the request of the National Institute for Educational Studies and Research (INEP). Therefore, the estimates reported in this table do not match those that appear in previous PISA reports.

For Mexico, in 2015, the Total population of 15-year-olds enrolled in grade 7 or above is an estimate of the target population size of the sample frame from which the 15-year-olds students were selected for the PISA test. At the time Mexico provided the information to PISA, the official figure for this population was 1 573 952.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 3/3]

Table 1.6.1 Change between 2003 and 2015 in the enrolment of 15-year-olds in grade 7 and above

	PISA 2003				Change between 2015 and 2003 (or earliest available year)			
	Total population of 15-year-olds	Total population of 15-year-olds enrolled in grade 7 or above	Weighted number of participating students	Coverage index 3: Coverage of the national 15-year-old population	Total population of 15-year-olds	Total population of 15-year-olds enrolled in grade 7 or above	Weighted number of participating students	Coverage index 3: Coverage of the national 15-year-old population
OECD								
Australia	268 164	250 635	235 591	0.88	14 724	31 912	20 738	0.03
Austria	94 515	89 049	85 931	0.91	-6 502	-6 366	-12 552	-0.08
Belgium	120 802	118 185	111 831	0.93	2 828	3 769	3 071	0.00
Canada	398 865	399 265	330 436	0.83	-1 899	-17 605	1 109	0.01
Chile	m	m	m	m	-43 986	-9 512	-29 744	0.02
Czech Republic	130 679	126 348	121 183	0.93	-40 288	-36 272	-36 665	0.01
Denmark	59 156	58 188	51 741	0.87	9 018	9 278	8 914	0.02
Estonia	m	m	m	m	-8 195	-8 132	-7 828	-0.01
Finland	61 107	61 107	57 883	0.95	-2 581	-2 152	-949	0.03
France	809 053	808 276	734 579	0.91	-1 186	-29 597	365	0.00
Germany	951 800	916 869	884 358	0.93	-177 651	-142 720	-140 388	0.03
Greece	111 286	108 314	105 131	0.94	-5 756	-3 061	-8 974	-0.03
Hungary	129 138	123 762	107 044	0.83	-34 623	-33 697	-22 400	0.07
Iceland	4 168	4 112	3 928	0.94	82	83	38	-0.01
Ireland	61 535	58 997	54 850	0.89	-301	814	4 233	0.07
Israel	m	m	m	m	2 226	9 627	23 684	0.18
Italy	561 304	574 611	481 521	0.86	55 457	-7 343	13 573	-0.06
Japan	1 365 471	1 328 498	1 240 054	0.91	-163 856	-152 591	-101 705	0.04
Korea	606 722	606 370	533 504	0.88	13 965	13 580	35 602	0.04
Latvia	37 544	37 138	33 643	0.90	-20 289	-20 183	-18 324	-0.01
Luxembourg	4 204	4 204	4 080	0.97	2 123	1 849	1 460	-0.09
Mexico	2 192 452	1 273 163	1 071 650	0.49	64 947	128 084	321 345	0.13
Netherlands	194 216	194 216	184 943	0.95	7 454	6 760	6 874	0.00
New Zealand	55 440	53 293	48 638	0.88	4 722	4 155	5 637	0.02
Norway	56 060	55 648	52 816	0.94	7 582	7 843	5 266	-0.03
Poland	589 506	569 294	534 900	0.91	-209 140	-207 694	-189 191	0.00
Portugal	109 149	99 216	96 857	0.89	1 790	1 891	357	-0.01
Slovak Republic	84 242	81 945	77 067	0.91	-28 568	-26 742	-27 413	-0.02
Slovenia	m	m	m	m	-5 353	-5 329	-3 822	0.05
Spain	454 064	418 005	344 372	0.76	-13 980	-3 729	55 563	0.15
Sweden	109 482	112 258	107 104	0.98	-11 733	-15 048	-15 614	-0.04
Switzerland	83 247	81 020	86 491	1.04	2 248	2 635	-4 267	-0.08
Turkey	1 351 492	725 030	481 279	0.36	-27 403	375 044	444 086	0.34
United Kingdom	768 180	736 785	698 579	0.91	-20 587	9 543	-70 876	-0.07
United States	3 979 116	3 979 116	3 147 089	0.79	241 209	12 937	377 408	0.04
Partners								
Albania	m	m	m	m	-6 977	2 396	6 762	0.23
Algeria	m	m	m	m	m	m	m	m
Brazil	3 477 928	2 359 854	1 952 253	0.56	-47 673	493 534	473 708	0.15
B-S-J-G (China)	m	m	m	m	m	m	m	m
Bulgaria	m	m	m	m	-23 150	-28 674	-20 641	-0.02
CABA (Argentina)	m	m	m	m	-5 209	-927	-829	0.13
Colombia	m	m	m	m	-136 558	130 449	30 586	0.15
Costa Rica	m	m	m	m	1 250	2 921	8 943	0.10
Croatia	m	m	m	m	-9 469	-15 398	-5 623	0.06
Cyprus*	m	m	m	m	-701	-701	-865	-0.02
Dominican Republic	m	m	m	m	m	m	m	m
FYROM	m	m	m	m	m	m	m	m
Georgia	m	m	m	m	-7 375	-8 154	-4 307	0.03
Hong Kong (China)	75 000	72 631	72 484	0.97	-9 900	-11 001	-14 822	-0.08
Indonesia	4 281 895	3 113 548	1 971 476	0.46	252 321	69 268	1 121 296	0.22
Jordan	m	m	m	m	-11 627	-4 979	18 403	0.21
Kosovo	m	m	m	m	m	m	m	m
Lebanon	m	m	m	m	m	m	m	m
Lithuania	m	m	m	m	-20 768	-19 711	-20 414	-0.03
Macao (China)	8 318	6 939	6 546	0.79	-3 218	-2 522	-2 040	0.10
Malta	m	m	m	m	-755	-524	-511	0.05
Moldova	m	m	m	m	-16 297	-13 468	-13 854	0.03
Montenegro	m	m	m	m	-1 666	-1 467	-957	0.06
Peru	m	m	m	m	-5 196	-13 285	4 131	0.01
Qatar	m	m	m	m	5 818	5 985	5 680	0.03
Romania	m	m	m	m	-164 847	-65 556	-59 671	0.27
Russia	2 496 216	2 366 285	2 153 373	0.86	-1 319 743	-1 193 342	-1 032 441	0.09
Singapore	m	m	m	m	-6 764	-7 162	-5 650	0.02
Chinese Taipei	m	m	m	m	-34 193	-41 406	-45 779	-0.05
Thailand	927 070	778 267	637 076	0.69	-31 557	-21 350	-2 281	0.02
Trinidad and Tobago	m	m	m	m	-1 889	-397	-1 741	-0.02
Tunisia	164 758	164 758	150 875	0.92	-42 572	-42 572	-37 276	0.01
United Arab Emirates	m	m	m	m	10 123	11 071	8 243	-0.03
Uruguay	53 948	40 023	33 775	0.63	-415	3 842	4 511	0.09
Viet Nam	m	m	m	m	85 556	-58 863	-81 658	-0.07
Argentina**	m	m	m	m	55 949	-914	-128 131	-0.24
Kazakhstan**	m	m	m	m	-70 252	-53 651	-57 748	0.02
Malaysia**	m	m	m	m	705	-43 920	-8 924	-0.02


Notes: Costa Rica, Georgia, Malta and Moldova conducted the PISA 2009 assessment in 2010 as part of PISA 2009+.

For Brazil, estimates of the Total population of 15-year-olds across years have been updated at the request of the National Institute for Educational Studies and Research (INEP). Therefore, the estimates reported in this table do not match those that appear in previous PISA reports.

For Mexico, in 2015, the Total population of 15-year-olds enrolled in grade 7 or above is an estimate of the target population size of the sample frame from which the 15-year-olds students were selected for the PISA test. At the time Mexico provided the information to PISA, the official figure for this population was 1 573 952.

* See note at the beginning of this Annex.

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[Part 1/1]

Table 1.6.7 Change between 2006 and 2015 in the percentage of resilient students

Results based on students' self-reports


	PISA 2015		PISA 2006		Change between 2006 and 2015 (PISA 2015 - PISA 2006)	
	Percentage of resilient students ¹ among disadvantaged students		Percentage of resilient students among disadvantaged students		Change in the percentage of resilient students among disadvantaged students	
	%	S.E.	%	S.E.	% dif.	S.E.
OECD						
Australia	32.9	(1.2)	33.1	(1.1)	-0.2	(1.6)
Austria	25.9	(1.6)	28.1	(2.4)	-2.2	(2.8)
Belgium	27.2	(1.4)	25.8	(1.3)	1.4	(2.0)
Canada	38.7	(1.4)	38.0	(1.3)	0.7	(1.9)
Chile	14.6	(1.2)	15.0	(1.5)	-0.4	(1.9)
Czech Republic	24.9	(1.7)	28.8	(2.0)	-3.9	(2.6)
Denmark	27.5	(1.6)	19.6	(1.3)	7.9	(2.0)
Estonia	48.3	(1.8)	46.2	(2.3)	2.0	(2.9)
Finland	42.8	(1.9)	53.1	(1.6)	-10.4	(2.5)
France	26.6	(1.3)	23.6	(1.6)	3.0	(2.1)
Germany	33.5	(1.8)	24.8	(1.8)	8.7	(2.5)
Greece	18.1	(1.6)	20.4	(1.8)	-2.3	(2.4)
Hungary	19.3	(1.5)	26.0	(2.1)	-6.7	(2.6)
Iceland	17.0	(1.5)	18.8	(1.4)	-1.8	(2.0)
Ireland	29.6	(1.8)	29.2	(2.0)	0.4	(2.7)
Israel	15.7	(1.3)	13.4	(1.6)	2.3	(2.1)
Italy	26.6	(1.7)	23.7	(1.1)	2.8	(2.0)
Japan	48.8	(1.9)	40.5	(2.4)	8.2	(3.1)
Korea	40.4	(1.9)	43.6	(2.2)	-3.2	(2.9)
Latvia	35.2	(1.7)	29.3	(1.9)	6.0	(2.6)
Luxembourg	20.7	(1.4)	19.2	(1.4)	1.5	(2.0)
Mexico	12.8	(1.2)	14.7	(1.4)	-1.9	(1.8)
Netherlands	30.7	(1.7)	32.0	(2.0)	-1.3	(2.7)
New Zealand	30.4	(1.9)	35.1	(1.8)	-4.7	(2.6)
Norway	26.5	(1.4)	17.2	(1.2)	9.3	(1.9)
Poland	34.6	(1.9)	31.4	(2.0)	3.2	(2.7)
Portugal	38.1	(1.9)	33.7	(2.0)	4.4	(2.7)
Slovak Republic	17.5	(1.4)	20.3	(1.7)	-2.8	(2.2)
Slovenia	34.6	(1.5)	30.3	(1.3)	4.3	(2.0)
Spain	39.2	(1.4)	28.5	(1.3)	10.7	(1.9)
Sweden	24.7	(1.5)	24.0	(1.5)	0.6	(2.1)
Switzerland	29.1	(1.8)	27.9	(1.5)	1.2	(2.3)
Turkey	21.8	(2.5)	23.2	(2.0)	-1.4	(3.2)
United Kingdom	35.4	(1.5)	30.5	(1.7)	5.0	(2.3)
United States	31.6	(1.9)	19.3	(1.6)	12.3	(2.5)
OECD average	29.2	(0.3)	27.7	(0.3)	1.5	(0.4)
Partners						
Albania	m	m	m	m	m	m
Algeria	7.4	(1.1)	m	m	m	m
Brazil	9.4	(0.7)	10.3	(1.3)	-0.9	(1.5)
B-S-J-G (China)	45.3	(2.5)	m	m	m	m
Bulgaria	13.6	(1.5)	9.4	(1.3)	4.1	(2.0)
CABA (Argentina)	14.9	(1.9)	m	m	m	m
Colombia	11.4	(1.0)	11.1	(1.5)	0.3	(1.8)
Costa Rica	9.4	(1.0)	m	m	m	m
Croatia	24.4	(1.7)	24.9	(2.0)	-0.5	(2.6)
Cyprus*	10.1	(1.1)	m	m	m	m
Dominican Republic	0.4	(0.2)	m	m	m	m
FYROM	4.1	(0.7)	m	m	m	m
Georgia	7.5	(1.2)	m	m	m	m
Hong Kong (China)	61.8	(1.8)	62.5	(1.9)	-0.7	(2.6)
Indonesia	10.9	(1.3)	15.1	(2.5)	-4.1	(2.9)
Jordan	7.7	(0.9)	14.3	(1.3)	-6.6	(1.6)
Kosovo	2.5	(0.8)	m	m	m	m
Lebanon	6.1	(1.2)	m	m	m	m
Lithuania	23.1	(1.5)	25.2	(1.9)	-2.1	(2.4)
Macao (China)	64.6	(1.4)	58.7	(1.9)	5.8	(2.3)
Malta	21.8	(1.6)	m	m	m	m
Moldova	13.4	(1.3)	m	m	m	m
Montenegro	9.4	(0.9)	7.6	(0.9)	1.8	(1.3)
Peru	3.2	(0.5)	m	m	m	m
Qatar	5.7	(0.5)	0.8	(0.3)	4.9	(0.5)
Romania	11.3	(1.4)	6.5	(1.2)	4.8	(1.9)
Russia	25.5	(2.0)	26.5	(2.3)	-1.0	(3.0)
Singapore	48.8	(1.5)	m	m	m	m
Chinese Taipei	46.3	(1.8)	44.3	(2.4)	2.0	(3.0)
Thailand	18.4	(1.6)	23.6	(1.8)	-5.2	(2.4)
Trinidad and Tobago	12.9	(1.2)	m	m	m	m
Tunisia	4.7	(0.8)	16.4	(1.4)	-11.7	(1.6)
United Arab Emirates	7.7	(0.7)	m	m	m	m
Uruguay	14.0	(1.1)	15.8	(1.6)	-1.8	(2.0)
Viet Nam	75.5	(2.7)	m	m	m	m
Argentina**	16.4	(1.5)	7.4	(1.1)	8.9	(1.9)
Kazakhstan**	16.6	(1.8)	m	m	m	m
Malaysia**	15.5	(1.5)	m	m	m	m

1. A student is classified as resilient if he or she is in the bottom quarter of the PISA index of economic, social and cultural status (ESCS) in the country/economy of assessment and performs in the top quarter of students among all countries/economies, after accounting for socio-economic status.

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/1]

Table 1.6.14 Grade repetition, by socio-economic status*Results based on students' self-reports*

	Percentage of students having repeated a grade						Likelihood of disadvantaged students having repeated a grade, relative to advantaged students			
	All students		Disadvantaged students ¹		Advantaged students ²		Before accounting for performance in science and reading		After accounting for performance in science and reading	
	%	S.E.	%	S.E.	%	S.E.	Odds ratio	S.E.	Odds ratio	S.E.
OECD										
Australia	7.1	(0.3)	9.2	(0.6)	5.9	(0.6)	1.5	(0.2)	1.0	(0.1)
Austria	15.2	(0.7)	20.6	(1.7)	10.8	(1.0)	2.1	(0.3)	1.0	(0.2)
Belgium	34.0	(0.8)	53.3	(1.5)	15.7	(1.1)	5.3	(0.5)	2.1	(0.2)
Canada	5.7	(0.4)	10.6	(0.8)	2.6	(0.3)	4.3	(0.6)	2.3	(0.3)
Chile	24.6	(0.9)	33.9	(1.9)	16.0	(1.2)	2.6	(0.3)	0.9	(0.1)
Czech Republic	4.8	(0.4)	10.0	(1.1)	1.2	(0.3)	6.7	(1.8)	1.8	(0.5)
Denmark	3.4	(0.3)	5.3	(0.6)	2.0	(0.4)	2.7	(0.5)	1.4	(0.3)
Estonia	4.0	(0.4)	7.2	(0.9)	2.5	(0.6)	3.1	(0.7)	1.5	(0.4)
Finland	3.0	(0.2)	4.6	(0.6)	1.8	(0.3)	2.4	(0.6)	1.0	(0.3)
France	22.1	(0.6)	38.1	(1.6)	7.3	(1.0)	6.2	(0.9)	2.0	(0.3)
Germany	18.1	(0.8)	24.4	(1.7)	12.2	(1.1)	1.9	(0.2)	1.1	(0.1)
Greece	5.0	(0.7)	9.4	(1.6)	1.7	(0.5)	5.4	(1.8)	2.0	(0.8)
Hungary	9.5	(0.6)	17.1	(1.6)	3.3	(0.7)	5.6	(1.6)	1.8	(0.5)
Iceland	1.1	(0.2)	1.7	(0.4)	1.0	(0.4)	1.4	(0.9)	0.9	(0.7)
Ireland	7.2	(0.5)	11.0	(1.0)	3.9	(0.9)	2.9	(0.4)	1.7	(0.2)
Israel	9.0	(0.6)	16.4	(1.3)	4.8	(0.6)	3.5	(0.6)	1.9	(0.3)
Italy	15.1	(0.6)	24.2	(1.3)	7.5	(0.8)	3.8	(0.5)	2.0	(0.3)
Japan	m	m	m	m	m	m	m	m	m	m
Korea	4.7	(0.3)	4.5	(0.6)	5.2	(0.6)	0.8	(0.1)	0.7	(0.1)
Latvia	5.0	(0.4)	9.1	(1.1)	2.1	(0.6)	4.3	(1.2)	1.9	(0.6)
Luxembourg	30.9	(0.5)	44.0	(1.2)	13.1	(0.9)	4.4	(0.3)	1.6	(0.2)
Mexico	15.8	(0.9)	23.5	(2.2)	9.6	(1.0)	2.9	(0.5)	1.4	(0.3)
Netherlands	20.1	(0.5)	25.9	(1.4)	16.0	(1.0)	1.8	(0.2)	1.2	(0.1)
New Zealand	4.9	(0.3)	5.9	(0.7)	3.9	(0.6)	1.5	(0.3)	1.0	(0.2)
Norway	m	m	m	m	m	m	m	m	m	m
Poland	5.3	(0.4)	10.3	(1.2)	1.5	(0.4)	5.2	(1.3)	1.9	(0.6)
Portugal	31.2	(1.2)	52.2	(2.2)	8.7	(1.0)	10.7	(1.7)	3.8	(0.7)
Slovak Republic	6.5	(0.5)	16.3	(1.8)	1.4	(0.3)	12.0	(2.6)	4.7	(1.2)
Slovenia	1.9	(0.3)	3.4	(0.7)	0.8	(0.3)	4.3	(2.2)	1.9	(1.1)
Spain	31.3	(1.0)	53.5	(1.7)	8.7	(1.1)	10.9	(1.2)	5.6	(0.7)
Sweden	4.0	(0.4)	6.9	(0.8)	2.4	(0.4)	2.4	(0.5)	1.2	(0.2)
Switzerland	20.0	(1.0)	28.7	(2.0)	13.5	(1.4)	2.4	(0.3)	1.2	(0.2)
Turkey	10.9	(0.7)	13.2	(1.1)	6.8	(0.9)	2.1	(0.3)	1.0	(0.2)
United Kingdom	2.8	(0.3)	4.0	(0.5)	2.0	(0.4)	1.8	(0.3)	1.0	(0.2)
United States	11.0	(0.8)	17.4	(1.6)	4.0	(0.7)	4.7	(0.8)	2.3	(0.5)
OECD average	12.0	(0.1)	18.7	(0.2)	6.1	(0.1)	4.1	(0.2)	1.8	(0.1)
Partners										
Albania	2.6	(0.3)	5.8	(1.0)	1.5	(0.4)	m	m	m	m
Algeria	68.5	(2.1)	80.2	(1.7)	53.1	(4.4)	3.3	(0.5)	3.0	(0.5)
Brazil	36.4	(0.8)	45.4	(1.3)	26.5	(1.5)	2.2	(0.2)	1.1	(0.1)
B-S-J-G (China)	20.8	(1.2)	29.2	(2.0)	9.9	(1.7)	3.8	(0.6)	2.0	(0.3)
Bulgaria	4.8	(0.6)	9.0	(1.6)	1.7	(0.4)	4.7	(1.3)	1.4	(0.4)
CABA (Argentina)	19.1	(2.7)	38.0	(4.3)	3.7	(1.6)	13.7	(6.1)	4.2	(2.1)
Colombia	42.6	(1.0)	45.7	(1.9)	33.0	(1.9)	1.7	(0.2)	0.8	(0.1)
Costa Rica	31.4	(1.4)	44.8	(2.3)	13.0	(1.6)	5.4	(0.5)	2.5	(0.3)
Croatia	1.6	(0.2)	2.2	(0.4)	0.5	(0.2)	4.6	(2.4)	1.8	(1.0)
Cyprus*	4.7	(0.3)	6.8	(0.6)	3.7	(0.5)	1.7	(0.3)	0.8	(0.1)
Dominican Republic	33.9	(1.3)	43.2	(2.2)	20.0	(1.7)	3.0	(0.4)	1.5	(0.2)
FYROM	3.1	(0.2)	2.9	(0.6)	2.3	(0.4)	1.1	(0.3)	0.6	(0.2)
Georgia	1.5	(0.2)	2.6	(0.5)	0.8	(0.2)	3.0	(1.1)	1.3	(0.5)
Hong Kong (China)	17.2	(0.7)	23.0	(1.1)	11.4	(1.1)	2.1	(0.2)	1.6	(0.2)
Indonesia	16.2	(1.1)	22.8	(2.2)	7.9	(1.2)	3.5	(0.6)	1.9	(0.3)
Jordan	7.6	(0.4)	10.4	(0.9)	4.9	(0.6)	1.9	(0.3)	1.0	(0.2)
Kosovo	3.8	(0.4)	3.8	(0.8)	2.5	(0.5)	1.4	(0.4)	0.8	(0.3)
Lebanon	26.5	(1.2)	39.1	(2.2)	16.0	(2.0)	3.3	(0.5)	1.7	(0.2)
Lithuania	2.5	(0.2)	4.1	(0.6)	1.0	(0.3)	4.0	(1.3)	1.3	(0.5)
Macao (China)	33.8	(0.4)	43.9	(1.2)	23.5	(1.2)	2.5	(0.2)	2.1	(0.2)
Malta	7.0	(0.3)	6.3	(0.8)	5.7	(0.6)	1.1	(0.2)	0.5	(0.1)
Moldova	3.0	(0.3)	4.4	(0.6)	2.0	(0.4)	2.2	(0.6)	0.9	(0.2)
Montenegro	1.6	(0.2)	1.7	(0.4)	0.9	(0.2)	1.8	(0.6)	0.9	(0.4)
Peru	25.6	(0.9)	36.5	(1.5)	12.8	(0.9)	3.9	(0.4)	1.3	(0.1)
Qatar	17.4	(0.3)	24.1	(0.8)	13.9	(0.7)	1.9	(0.1)	1.3	(0.1)
Romania	5.9	(0.5)	10.9	(1.4)	3.4	(0.7)	3.4	(1.0)	1.7	(0.5)
Russia	1.5	(0.2)	2.8	(0.5)	1.0	(0.4)	2.9	(1.2)	2.0	(0.9)
Singapore	5.4	(0.5)	7.5	(0.6)	5.9	(1.1)	1.3	(0.3)	0.4	(0.1)
Chinese Taipei	0.6	(0.1)	0.7	(0.2)	0.6	(0.2)	1.2	(0.5)	0.7	(0.3)
Thailand	6.0	(0.4)	6.1	(0.8)	4.4	(0.8)	1.3	(0.3)	0.8	(0.2)
Trinidad and Tobago	33.4	(0.5)	42.6	(1.6)	21.7	(1.2)	2.3	(0.2)	1.3	(0.1)
Tunisia	34.3	(1.7)	50.7	(2.9)	17.0	(1.7)	4.8	(0.7)	2.7	(0.4)
United Arab Emirates	11.8	(0.5)	17.4	(1.2)	8.3	(0.6)	2.2	(0.2)	1.4	(0.1)
Uruguay	35.3	(1.1)	57.2	(1.7)	12.6	(1.3)	8.8	(1.1)	3.8	(0.5)
Viet Nam	7.2	(1.6)	11.3	(2.8)	1.5	(0.5)	8.6	(3.2)	4.3	(1.6)
Argentina**	28.9	(1.3)	41.0	(2.3)	15.7	(1.6)	3.7	(0.6)	2.1	(0.3)
Kazakhstan**	1.9	(0.3)	2.9	(0.6)	0.9	(0.4)	3.2	(1.3)	2.4	(1.1)
Malaysia**	m	m	m	m	m	m	m	m	m	m


1. A socio-economically disadvantaged student is a student in the bottom quarter of the distribution of the PISA index of economic, social and cultural status (ESCS) within his or her each country/economy.

2. A socio-economically advantaged student is a student in the top quarter of the distribution of the PISA index of economic, social and cultural status (ESCS) within his or her each country/economy.

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/1]

Table I.6.16 Enrolment in vocational tracks, by socio-economic status

Results based on students' self-reports

	Percentage of students enrolled in a vocational track						Likelihood of disadvantaged students being enrolled in a vocational track, relative to advantaged students			
	All students		Disadvantaged students ¹		Advantaged students ²		Before accounting for performance in science		After accounting for performance in science	
	%	S.E.	%	S.E.	%	S.E.	Odds ratio	S.E.	Odds ratio	S.E.
OECD										
Australia	13.0	(0.8)	17.3	(1.3)	8.9	(1.0)	1.9	(0.2)	1.5	(0.2)
Austria	71.4	(0.9)	84.9	(1.9)	46.1	(1.8)	6.3	(1.0)	3.9	(0.5)
Belgium	41.4	(1.3)	60.0	(2.4)	20.3	(1.4)	4.9	(0.6)	2.5	(0.3)
Canada	0.0	c	0.0	c	0.0	c	m	m	m	m
Chile	0.6	(0.1)	0.9	(0.3)	0.1	(0.1)	7.0	(6.8)	9.1	(9.0)
Czech Republic	33.3	(1.3)	35.7	(2.1)	24.4	(1.9)	1.7	(0.2)	1.3	(0.2)
Denmark	0.0	c	0.0	c	0.0	c	m	m	m	m
Estonia	0.3	(0.1)	0.7	(0.3)	0.2	(0.2)	3.6	(4.8)	3.9	(4.4)
Finland	0.0	c	0.0	c	0.0	c	m	m	m	m
France	18.7	(0.9)	35.0	(2.0)	4.0	(0.7)	7.2	(1.3)	3.5	(0.6)
Germany	2.7	(0.7)	3.5	(1.3)	1.2	(0.5)	1.1	(0.5)	0.8	(0.4)
Greece	16.4	(2.6)	27.5	(4.3)	4.1	(0.9)	7.1	(1.3)	3.3	(0.7)
Hungary	15.9	(0.6)	31.6	(1.6)	3.5	(0.5)	9.6	(1.6)	4.0	(0.8)
Iceland	0.0	c	0.0	c	0.0	c	m	m	m	m
Ireland	0.8	(0.2)	1.7	(0.7)	0.4	(0.2)	3.9	(1.5)	1.2	(0.5)
Israel	0.0	c	0.0	c	0.0	c	m	m	m	m
Italy	49.7	(1.2)	70.5	(2.0)	26.0	(1.7)	5.7	(0.7)	4.1	(0.5)
Japan	24.4	(0.9)	38.6	(2.1)	11.9	(1.1)	4.2	(0.6)	3.4	(0.5)
Korea	16.1	(0.4)	27.8	(1.9)	6.3	(1.2)	5.5	(1.3)	3.5	(0.8)
Latvia	0.8	(0.4)	0.8	(0.6)	0.9	(0.5)	0.9	(0.7)	1.0	(0.8)
Luxembourg	15.0	(0.1)	17.6	(0.9)	8.6	(0.6)	2.3	(0.2)	2.7	(0.4)
Mexico	25.3	(1.1)	18.5	(2.3)	21.4	(2.0)	0.8	(0.2)	1.1	(0.2)
Netherlands	26.1	(0.9)	42.9	(1.8)	9.2	(1.1)	6.1	(0.9)	2.6	(0.4)
New Zealand	0.0	c	0.0	c	0.0	c	m	m	m	m
Norway	0.0	c	0.0	c	0.0	c	m	m	m	m
Poland	0.1	(0.1)	0.1	(0.1)	0.1	(0.1)	1.0	(2.2)	2.1	(5.6)
Portugal	13.1	(1.1)	21.9	(1.4)	4.6	(1.7)	5.1	(1.9)	3.1	(1.0)
Slovak Republic	5.7	(0.7)	10.7	(1.3)	1.6	(0.4)	6.0	(1.3)	3.0	(0.8)
Slovenia	57.4	(0.2)	79.2	(1.5)	27.5	(1.0)	9.4	(1.0)	5.7	(0.7)
Spain	0.9	(0.1)	1.5	(0.3)	0.2	(0.1)	5.2	(3.4)	2.4	(2.0)
Sweden	0.1	(0.1)	0.0	c	0.0	c	m	m	m	m
Switzerland	9.2	(1.1)	9.7	(2.0)	4.8	(0.7)	2.1	(0.4)	4.3	(1.2)
Turkey	41.0	(1.9)	45.9	(3.3)	27.4	(3.4)	2.2	(0.4)	1.4	(0.3)
United Kingdom	0.8	(0.2)	0.7	(0.2)	0.8	(0.4)	0.9	(0.4)	0.8	(0.3)
United States	0.0	c	0.0	c	0.0	c	m	m	m	m
OECD average	14.3	(0.1)	19.6	(0.3)	7.6	(0.2)	4.3	(0.4)	2.9	(0.5)
Partners										
Albania	6.4	(1.5)	6.5	(1.6)	4.8	(1.4)	m	m	m	m
Algeria	0.6	(0.6)	0.8	(1.2)	0.2	(0.2)	5.6	(5.9)	5.1	(5.4)
Brazil	4.7	(1.0)	3.3	(0.8)	5.9	(1.4)	0.6	(0.1)	1.2	(0.3)
B-S-J-G (China)	6.2	(1.1)	3.0	(0.9)	6.8	(1.1)	0.4	(0.1)	0.3	(0.1)
Bulgaria	46.2	(2.0)	60.0	(2.9)	27.3	(3.0)	3.4	(0.6)	2.1	(0.4)
CABA (Argentina)	13.0	(4.3)	12.9	(5.7)	6.1	(2.8)	0.9	(0.8)	0.9	(0.9)
Colombia	20.8	(1.6)	19.9	(2.7)	16.9	(2.0)	1.2	(0.2)	1.5	(0.3)
Costa Rica	12.3	(1.4)	9.0	(1.4)	11.5	(2.0)	0.8	(0.2)	1.0	(0.2)
Croatia	67.3	(0.8)	85.4	(1.1)	37.6	(1.8)	9.0	(1.0)	5.4	(0.6)
Cyprus*	11.9	(0.1)	22.9	(1.0)	3.2	(0.5)	7.5	(1.0)	4.4	(0.7)
Dominican Republic	4.8	(0.5)	1.7	(0.2)	9.4	(1.3)	0.2	(0.0)	0.3	(0.1)
FYROM	55.1	(0.3)	66.8	(1.2)	37.7	(1.2)	3.0	(0.2)	2.4	(0.2)
Georgia	1.7	(0.8)	2.9	(1.4)	0.4	(0.3)	6.2	(3.3)	3.2	(1.7)
Hong Kong (China)	0.0	c	0.0	c	0.0	c	m	m	m	m
Indonesia	16.0	(1.3)	11.9	(2.2)	13.7	(2.4)	0.9	(0.3)	0.8	(0.3)
Jordan	0.0	c	0.0	c	0.0	c	m	m	m	m
Kosovo	35.3	(0.7)	37.4	(1.5)	28.2	(1.6)	1.4	(0.1)	1.1	(0.1)
Lebanon	0.0	c	0.0	c	0.0	c	m	m	m	m
Lithuania	1.5	(0.6)	2.7	(1.1)	0.4	(0.2)	3.1	(2.6)	1.2	(1.1)
Macao (China)	1.2	(0.1)	2.3	(0.2)	0.8	(0.2)	2.8	(0.9)	2.4	(0.8)
Malta	0.0	c	0.0	c	0.0	c	m	m	m	m
Moldova	0.0	c	0.0	c	0.0	c	m	m	m	m
Montenegro	66.0	(0.3)	80.1	(1.1)	47.7	(1.2)	4.2	(0.4)	3.2	(0.3)
Peru	0.0	c	0.0	c	0.0	c	m	m	m	m
Qatar	0.0	c	0.0	c	0.0	c	m	m	m	m
Romania	0.0	c	0.0	c	0.0	c	m	m	m	m
Russia	4.5	(1.5)	7.5	(2.9)	2.0	(0.8)	3.1	(1.3)	2.7	(1.3)
Singapore	0.0	c	0.0	c	0.0	c	m	m	m	m
Chinese Taipei	36.3	(1.3)	48.0	(2.2)	22.6	(2.0)	3.1	(0.4)	1.8	(0.2)
Thailand	17.7	(0.8)	21.4	(2.0)	9.4	(1.7)	2.1	(0.5)	1.5	(0.3)
Trinidad and Tobago	0.0	c	0.0	c	0.0	c	m	m	m	m
Tunisia	0.0	c	0.0	c	0.0	c	m	m	m	m
United Arab Emirates	3.9	(0.4)	2.8	(0.6)	4.9	(0.6)	0.5	(0.1)	0.4	(0.1)
Uruguay	1.7	(0.3)	1.9	(0.5)	0.7	(0.3)	2.4	(1.2)	2.7	(1.7)
Viet Nam	0.0	c	0.0	c	0.0	c	m	m	m	m
Argentina**	16.6	(2.6)	17.7	(3.6)	13.9	(2.5)	1.2	(0.3)	1.2	(0.2)
Kazakhstan**	14.0	(2.1)	14.0	(2.9)	12.5	(2.1)	1.1	(0.3)	0.8	(0.2)
Malaysia**	10.5	(1.2)	12.1	(1.8)	7.2	(1.3)	1.7	(0.4)	1.6	(0.3)

1. A socio-economically disadvantaged student is a student in the bottom quarter of the distribution of the PISA index of economic, social and cultural status (ESCS) within his or her each country/economy.

2. A socio-economically advantaged student is a student in the top quarter of the distribution of the PISA index of economic, social and cultural status (ESCS) within his or her each country/economy.

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 2/2]

Table 1.7.1 Change between 2006 and 2015 in the percentage of students with an immigrant background

Results based on students' self-reports

		Change between PISA 2006 and PISA 2015 (PISA 2015 - PISA 2006)							
		Percentage of students							
		Non-immigrant students		Immigrant students		Second-generation immigrants		First-generation immigrants	
		% dif.	S.E.	% dif.	S.E.	% dif.	S.E.	% dif.	S.E.
OECD	Australia	-3.2	(1.4)	3.2	(1.4)	-0.2	(0.9)	3.3	(0.7)
	Austria	-7.1	(1.7)	7.1	(1.7)	7.4	(1.0)	-0.3	(0.9)
	Belgium	-4.4	(1.3)	4.4	(1.3)	2.0	(0.9)	2.4	(0.9)
	Canada	-9.0	(1.8)	9.0	(1.8)	4.7	(1.1)	4.3	(1.0)
	Chile	-1.5	(0.5)	1.5	(0.5)	0.4	(0.2)	1.2	(0.4)
	Czech Republic	-1.5	(0.4)	1.5	(0.4)	0.9	(0.3)	0.5	(0.3)
	Denmark	-3.1	(1.0)	3.1	(1.0)	3.7	(0.8)	-0.6	(0.4)
	Estonia	1.6	(0.8)	-1.6	(0.8)	-1.2	(0.7)	-0.4	(0.2)
	Finland	-2.4	(0.5)	2.4	(0.5)	1.6	(0.3)	0.9	(0.4)
	France	-0.2	(1.4)	0.2	(1.4)	-0.9	(1.2)	1.1	(0.5)
	Germany	-2.7	(1.4)	2.7	(1.4)	5.5	(1.0)	-2.8	(0.6)
	Greece	-3.2	(1.0)	3.2	(1.0)	5.8	(0.6)	-2.6	(0.8)
	Hungary	-1.0	(0.3)	1.0	(0.3)	1.2	(0.2)	-0.2	(0.3)
	Iceland	-2.3	(0.4)	2.3	(0.4)	0.8	(0.2)	1.5	(0.4)
	Ireland	-8.8	(1.1)	8.8	(1.1)	2.3	(0.3)	6.5	(0.9)
	Israel	5.5	(1.6)	-5.5	(1.6)	1.6	(1.0)	-7.1	(1.2)
	Italy	-4.2	(0.6)	4.2	(0.6)	2.5	(0.3)	1.7	(0.5)
	Japan	-0.2	(0.2)	0.2	(0.2)	0.2	(0.1)	-0.1	(0.1)
	Korea	-0.1	(0.0)	0.1	(0.0)	0.0	(0.0)	0.1	(0.0)
	Latvia	2.0	(0.7)	-2.0	(0.7)	-2.5	(0.7)	0.5	(0.2)
	Luxembourg	-15.9	(0.9)	15.9	(0.9)	11.1	(0.8)	4.8	(0.7)
	Mexico	1.2	(0.3)	-1.2	(0.3)	-0.2	(0.1)	-1.0	(0.3)
	Netherlands	0.5	(1.4)	-0.5	(1.4)	0.8	(1.1)	-1.3	(0.5)
	New Zealand	-5.8	(1.5)	5.8	(1.5)	4.0	(0.9)	1.8	(1.0)
	Norway	-5.9	(1.2)	5.9	(1.2)	3.0	(0.9)	2.9	(0.5)
	Poland	-0.1	(0.1)	0.1	(0.1)	0.0	(0.1)	0.1	(0.1)
	Portugal	-1.4	(0.9)	1.4	(0.9)	0.9	(0.5)	0.5	(0.7)
	Slovak Republic	-0.7	(0.2)	0.7	(0.2)	0.3	(0.1)	0.5	(0.1)
	Slovenia	2.5	(0.7)	-2.5	(0.7)	-4.0	(0.5)	1.6	(0.4)
	Spain	-4.1	(1.0)	4.1	(1.0)	1.1	(0.2)	3.0	(1.0)
Sweden	-6.5	(1.5)	6.5	(1.5)	3.6	(1.0)	2.9	(0.9)	
Switzerland	-8.7	(1.4)	8.7	(1.4)	8.9	(1.1)	-0.2	(0.7)	
Turkey	0.7	(0.5)	-0.7	(0.5)	-0.4	(0.3)	-0.3	(0.2)	
United Kingdom	-8.1	(1.3)	8.1	(1.3)	3.0	(0.9)	5.1	(0.9)	
United States	-7.8	(1.9)	7.8	(1.9)	6.3	(1.4)	1.5	(0.9)	
OECD average	-3.0	(0.2)	3.0	(0.2)	2.1	(0.1)	0.9	(0.1)	
Partners	Albania	m	m	m	m	m	m	m	m
	Algeria	m	m	m	m	m	m	m	m
	Brazil	1.6	(0.3)	-1.6	(0.3)	-1.7	(0.2)	0.1	(0.1)
	B-S-J-G (China)	m	m	m	m	m	m	m	m
	Bulgaria	-0.8	(0.2)	0.8	(0.2)	0.4	(0.1)	0.4	(0.1)
	CABA (Argentina)	m	m	m	m	m	m	m	m
	Colombia	-0.3	(0.2)	0.3	(0.2)	0.1	(0.1)	0.1	(0.1)
	Costa Rica	m	m	m	m	m	m	m	m
	Croatia	1.2	(0.9)	-1.2	(0.9)	4.2	(0.6)	-5.4	(0.6)
	Cyprus*	m	m	m	m	m	m	m	m
	Dominican Republic	m	m	m	m	m	m	m	m
	FYROM	m	m	m	m	m	m	m	m
	Georgia	m	m	m	m	m	m	m	m
	Hong Kong (China)	8.7	(1.9)	-8.7	(1.9)	-3.3	(1.2)	-5.4	(1.4)
	Indonesia	0.0	(0.1)	0.0	(0.1)	0.0	(0.0)	0.0	(0.1)
	Jordan	4.7	(1.1)	-4.7	(1.1)	-1.4	(0.9)	-3.3	(0.5)
	Kosovo	m	m	m	m	m	m	m	m
	Lebanon	m	m	m	m	m	m	m	m
	Lithuania	0.3	(0.4)	-0.3	(0.4)	-0.3	(0.3)	0.0	(0.2)
	Macao (China)	11.4	(1.0)	-11.4	(1.0)	-14.5	(0.9)	3.1	(0.7)
	Malta	m	m	m	m	m	m	m	m
	Moldova	m	m	m	m	m	m	m	m
	Montenegro	1.6	(0.5)	-1.6	(0.5)	1.9	(0.3)	-3.4	(0.4)
	Peru	m	m	m	m	m	m	m	m
	Qatar	-14.7	(0.6)	14.7	(0.6)	-6.7	(0.7)	21.5	(0.6)
	Romania	-0.3	(0.1)	0.3	(0.1)	0.2	(0.1)	0.1	(0.1)
	Russia	1.9	(0.7)	-1.9	(0.7)	-0.2	(0.5)	-1.7	(0.5)
	Singapore	m	m	m	m	m	m	m	m
	Chinese Taipei	0.3	(0.1)	-0.3	(0.1)	-0.2	(0.1)	-0.1	(0.1)
	Thailand	-0.5	(0.3)	0.5	(0.3)	0.4	(0.2)	0.1	(0.1)
Trinidad and Tobago	m	m	m	m	m	m	m	m	
Tunisia	-0.7	(0.2)	0.7	(0.2)	0.5	(0.2)	0.2	(0.1)	
United Arab Emirates	m	m	m	m	m	m	m	m	
Uruguay	-0.2	(0.1)	0.2	(0.1)	0.1	(0.1)	0.1	(0.1)	
Viet Nam	m	m	m	m	m	m	m	m	
Argentina**	-1.7	(0.5)	1.7	(0.5)	1.4	(0.4)	0.3	(0.3)	
Kazakhstan**	m	m	m	m	m	m	m	m	
Malaysia**	m	m	m	m	m	m	m	m	


Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Results for Germany should be interpreted with caution due to missing rates on the student immigrant background and language spoken at home variables (see Tables A1.3 and A5.10).

For Switzerland the increase in the weighted share of students with an immigrant background between previous rounds of PISA and PISA 2015 samples is larger than the corresponding shift in the target population according to official statistics for this country.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/1]

Table I.7.3 Average performance in science and percentage of immigrant students, by socio-economic status

Results based on students' self-reports


	Performance in science		Percentage of immigrant students					
			All		Disadvantaged immigrant students ¹		Advantaged immigrant students ²	
	Mean score	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD								
Australia	510	(1.5)	25.0	(0.7)	0.5	(0.1)	10.7	(0.4)
Austria	495	(2.4)	20.3	(1.1)	1.1	(0.2)	4.0	(0.3)
Belgium	502	(2.3)	17.7	(0.9)	1.2	(0.2)	4.8	(0.3)
Canada	528	(2.1)	30.1	(1.3)	0.2	(0.1)	16.5	(0.8)
Chile	447	(2.4)	2.1	(0.5)	0.5	(0.3)	0.4	(0.1)
Czech Republic	493	(2.3)	3.4	(0.3)	0.1	(0.0)	0.6	(0.1)
Denmark	502	(2.4)	10.7	(0.6)	0.4	(0.1)	4.0	(0.3)
Estonia	534	(2.1)	10.0	(0.5)	0.1	(0.0)	2.8	(0.2)
Finland	531	(2.4)	4.0	(0.4)	0.2	(0.1)	1.0	(0.2)
France	495	(2.1)	13.2	(1.0)	1.2	(0.2)	1.7	(0.2)
Germany	509	(2.7)	16.9	(0.9)	0.8	(0.1)	3.2	(0.3)
Greece	455	(3.9)	10.8	(0.7)	0.7	(0.1)	1.3	(0.2)
Hungary	477	(2.4)	2.7	(0.2)	0.0	(0.0)	0.8	(0.1)
Iceland	473	(1.7)	4.1	(0.3)	0.1	(0.0)	1.4	(0.2)
Ireland	503	(2.4)	14.4	(1.0)	0.2	(0.1)	5.7	(0.6)
Israel	467	(3.4)	17.5	(1.0)	1.2	(0.3)	6.1	(0.5)
Italy	481	(2.5)	8.0	(0.5)	0.7	(0.1)	1.2	(0.2)
Japan	538	(3.0)	0.5	(0.1)	0.0	(0.0)	0.1	(0.0)
Korea	516	(3.1)	0.1	(0.0)	0.0	c	0.0	c
Latvia	490	(1.6)	5.0	(0.4)	0.2	(0.1)	1.2	(0.2)
Luxembourg	483	(1.1)	52.0	(0.6)	5.2	(0.3)	15.3	(0.4)
Mexico	416	(2.1)	1.2	(0.1)	0.7	(0.1)	0.0	(0.0)
Netherlands	509	(2.3)	10.7	(0.9)	0.8	(0.1)	1.7	(0.2)
New Zealand	513	(2.4)	27.1	(1.2)	0.2	(0.1)	11.0	(0.6)
Norway	498	(2.3)	12.0	(1.0)	0.3	(0.1)	4.0	(0.3)
Poland	501	(2.5)	0.3	(0.1)	0.0	(0.0)	0.1	(0.1)
Portugal	501	(2.4)	7.3	(0.4)	0.6	(0.1)	1.7	(0.2)
Slovak Republic	461	(2.6)	1.2	(0.2)	0.1	(0.0)	0.3	(0.1)
Slovenia	513	(1.3)	7.8	(0.5)	0.3	(0.1)	0.8	(0.1)
Spain	493	(2.1)	11.0	(0.8)	2.5	(0.3)	1.1	(0.1)
Sweden	493	(3.6)	17.4	(1.2)	0.9	(0.1)	5.3	(0.5)
Switzerland	506	(2.9)	31.1	(1.2)	1.4	(0.2)	7.2	(0.4)
Turkey	425	(3.9)	0.8	(0.2)	0.1	(0.0)	0.1	(0.1)
United Kingdom	509	(2.6)	16.7	(1.0)	0.3	(0.1)	6.3	(0.6)
United States	496	(3.2)	23.1	(1.5)	3.0	(0.5)	5.2	(0.6)
OECD average	493	(0.4)	12.5	(0.1)	0.7	(0.0)	3.7	(0.1)
Partners								
Albania	427	(3.3)	0.6	(0.1)	0.1	(0.0)	0.1	(0.0)
Algeria	376	(2.6)	1.0	(0.2)	0.1	(0.1)	0.1	(0.0)
Brazil	401	(2.3)	0.8	(0.1)	0.2	(0.0)	0.1	(0.0)
B-S-J-G (China)	518	(4.6)	0.3	(0.1)	0.1	(0.0)	0.0	(0.0)
Bulgaria	446	(4.4)	1.0	(0.1)	0.1	(0.0)	0.3	(0.1)
CABA (Argentina)	475	(6.3)	17.0	(2.0)	4.4	(0.8)	1.5	(0.4)
Colombia	416	(2.4)	0.6	(0.1)	0.1	(0.0)	0.1	(0.0)
Costa Rica	420	(2.1)	8.0	(0.6)	2.6	(0.3)	0.5	(0.1)
Croatia	475	(2.5)	10.8	(0.6)	0.3	(0.1)	1.3	(0.1)
Cyprus*	433	(1.4)	11.3	(0.4)	0.4	(0.1)	4.2	(0.3)
Dominican Republic	332	(2.6)	1.8	(0.3)	0.5	(0.1)	0.1	(0.1)
FYROM	384	(1.2)	2.0	(0.2)	0.1	(0.0)	0.6	(0.1)
Georgia	411	(2.4)	2.2	(0.3)	0.1	(0.0)	0.4	(0.1)
Hong Kong (China)	523	(2.5)	35.1	(1.3)	4.7	(0.3)	2.9	(0.3)
Indonesia	403	(2.6)	0.1	(0.1)	0.1	(0.0)	0.0	c
Jordan	409	(2.7)	12.1	(0.7)	0.8	(0.1)	2.6	(0.3)
Kosovo	378	(1.7)	1.5	(0.2)	0.1	(0.0)	0.5	(0.1)
Lebanon	386	(3.4)	3.4	(0.4)	0.4	(0.2)	0.5	(0.1)
Lithuania	475	(2.7)	1.8	(0.2)	0.1	(0.1)	0.7	(0.1)
Macao (China)	529	(1.1)	62.2	(0.7)	4.1	(0.3)	5.6	(0.3)
Malta	465	(1.6)	5.0	(0.4)	0.1	(0.1)	2.7	(0.3)
Moldova	428	(2.0)	1.4	(0.2)	0.1	(0.0)	0.3	(0.1)
Montenegro	411	(1.0)	5.6	(0.3)	0.0	(0.0)	1.9	(0.2)
Peru	397	(2.4)	0.5	(0.1)	0.1	(0.0)	0.1	(0.0)
Qatar	418	(1.0)	55.2	(0.4)	0.4	(0.1)	32.1	(0.5)
Romania	435	(3.2)	0.4	(0.1)	0.0	c	0.1	(0.0)
Russia	487	(2.9)	6.9	(0.5)	0.0	(0.0)	1.8	(0.2)
Singapore	556	(1.2)	20.9	(1.0)	0.2	(0.1)	11.3	(0.5)
Chinese Taipei	532	(2.7)	0.3	(0.1)	0.0	(0.0)	0.1	(0.0)
Thailand	421	(2.8)	0.8	(0.3)	0.5	(0.2)	0.1	(0.0)
Trinidad and Tobago	425	(1.4)	3.5	(0.4)	0.2	(0.1)	0.7	(0.1)
Tunisia	386	(2.1)	1.5	(0.2)	0.2	(0.1)	0.3	(0.1)
United Arab Emirates	437	(2.4)	57.6	(0.9)	0.3	(0.1)	31.2	(0.9)
Uruguay	435	(2.2)	0.6	(0.1)	0.1	(0.0)	0.1	(0.0)
Viet Nam	525	(3.9)	0.1	(0.0)	0.0	(0.0)	0.0	c
Argentina**	432	(2.9)	4.4	(0.4)	1.3	(0.2)	0.3	(0.1)
Kazakhstan**	456	(3.7)	13.0	(1.0)	0.2	(0.1)	2.1	(0.3)
Malaysia**	443	(3.0)	0.9	(0.2)	0.2	(0.1)	0.2	(0.0)

1. Disadvantaged immigrant students are defined as those immigrant students whose value on the PISA index of economic, social and cultural status (ESCS) is in the bottom quarter of all students across all countries and economies.

2. Advantaged immigrant students are defined as those immigrant students whose value on the PISA index of economic, social and cultural status (ESCS) is in the top quarter of all students across all countries and economies.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/2]

Table 1.7.4a Differences in science performance between immigrant and non-immigrant students, and socio-economic status


Results based on students' self-reports

	Percentage of immigrant students in PISA 2015		Science performance																	
			Non-immigrant students		Immigrant students		Second-generation immigrants		First-generation immigrants											
			%	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.								
OECD																				
Australia	25.0	(0.7)	512	(1.5)	514	(3.5)	523	(4.0)	505	(4.3)										
Austria	20.3	(1.1)	510	(2.4)	440	(4.5)	447	(4.4)	428	(6.9)										
Belgium	17.7	(0.9)	516	(2.0)	450	(4.9)	454	(5.8)	447	(5.9)										
Canada	30.1	(1.3)	530	(2.2)	531	(3.1)	533	(3.6)	530	(3.4)										
Chile	2.1	(0.5)	449	(2.4)	418	(14.3)	447	(28.2)	408	(13.2)										
Czech Republic	3.4	(0.3)	495	(2.1)	463	(10.5)	477	(13.8)	450	(11.7)										
Denmark	10.7	(0.6)	510	(2.6)	441	(4.1)	441	(4.8)	441	(7.7)										
Estonia	10.0	(0.5)	539	(2.2)	507	(3.9)	507	(4.0)	510	(18.6)										
Finland	4.0	(0.4)	535	(2.2)	452	(8.5)	464	(10.4)	443	(10.5)										
France	13.2	(1.0)	506	(2.0)	444	(6.9)	456	(8.4)	419	(7.7)										
Germany	16.9	(0.9)	527	(2.6)	455	(6.1)	461	(5.8)	434	(10.5)										
Greece	10.8	(0.7)	461	(4.0)	417	(5.4)	424	(7.8)	404	(7.6)										
Hungary	2.7	(0.2)	477	(2.5)	494	(10.2)	507	(12.4)	476	(15.2)										
Iceland	4.1	(0.3)	478	(1.7)	398	(7.1)	424	(14.5)	387	(8.3)										
Ireland	14.4	(1.0)	505	(2.5)	500	(4.1)	501	(8.4)	500	(4.1)										
Israel	17.5	(1.0)	473	(3.4)	456	(7.0)	471	(6.2)	414	(13.8)										
Italy	8.0	(0.5)	485	(2.6)	452	(4.0)	463	(6.4)	444	(5.8)										
Japan	0.5	(0.1)	539	(2.9)	447	(31.6)	c	c	c	c										
Korea	0.1	(0.0)	516	(3.1)	c	c	m	m	c	c										
Latvia	5.0	(0.4)	492	(1.6)	478	(6.6)	481	(7.0)	466	(16.8)										
Luxembourg	52.0	(0.6)	505	(1.6)	464	(1.6)	463	(2.5)	466	(3.0)										
Mexico	1.2	(0.1)	418	(2.1)	340	(8.7)	c	c	331	(11.2)										
Netherlands	10.7	(0.9)	517	(2.4)	457	(8.2)	462	(8.2)	438	(12.2)										
New Zealand	27.1	(1.2)	519	(2.5)	513	(4.6)	507	(6.6)	517	(5.2)										
Norway	12.0	(1.0)	507	(2.3)	455	(4.2)	464	(5.6)	446	(6.4)										
Poland	0.3	(0.1)	503	(2.5)	c	c	c	c	c	c										
Portugal	7.3	(0.4)	503	(2.4)	488	(5.9)	503	(9.1)	475	(6.3)										
Slovak Republic	1.2	(0.2)	465	(2.4)	395	(13.5)	400	(19.4)	389	(16.9)										
Slovenia	7.8	(0.5)	520	(1.3)	449	(5.8)	464	(7.3)	427	(9.9)										
Spain	11.0	(0.8)	499	(2.0)	457	(4.5)	471	(9.7)	454	(4.6)										
Sweden	17.4	(1.2)	508	(3.2)	438	(6.7)	454	(8.1)	417	(9.5)										
Switzerland	31.1	(1.2)	527	(2.6)	464	(4.1)	462	(4.6)	467	(6.0)										
Turkey	0.8	(0.2)	427	(3.9)	414	(15.4)	436	(17.8)	c	c										
United Kingdom	16.7	(1.0)	516	(2.4)	493	(5.9)	503	(6.3)	485	(7.7)										
United States	23.1	(1.5)	506	(3.3)	474	(4.9)	482	(6.0)	456	(5.7)										
OECD average	12.5	(0.1)	500	(0.4)	456	(1.6)	469	(1.8)	447	(1.8)										
Partners																				
Albania	0.6	(0.1)	m	m	m	m	m	m	m	m										
Algeria	1.0	(0.2)	377	(2.7)	335	(16.4)	335	(16.4)	m	m										
Brazil	0.8	(0.1)	404	(2.3)	338	(10.3)	335	(10.3)	342	(20.8)										
B-S-J-G (China)	0.3	(0.1)	521	(4.6)	376	(18.0)	c	c	c	c										
Bulgaria	1.0	(0.1)	450	(4.2)	376	(14.6)	c	c	c	c										
CABA (Argentina)	17.0	(2.0)	485	(6.3)	423	(7.2)	429	(7.1)	414	(11.8)										
Colombia	0.6	(0.1)	418	(2.3)	365	(14.8)	347	(16.6)	c	c										
Costa Rica	8.0	(0.6)	422	(2.1)	401	(4.9)	398	(4.5)	409	(9.6)										
Croatia	10.8	(0.6)	480	(2.4)	454	(4.7)	454	(5.0)	455	(10.2)										
Cyprus*	11.3	(0.4)	434	(1.4)	433	(4.5)	447	(8.8)	428	(5.2)										
Dominican Republic	1.8	(0.3)	336	(2.7)	295	(10.9)	282	(10.1)	313	(19.2)										
FYROM	2.0	(0.2)	387	(1.3)	362	(10.5)	375	(13.0)	335	(14.7)										
Georgia	2.2	(0.3)	414	(2.4)	408	(11.3)	408	(11.8)	c	c										
Hong Kong (China)	35.1	(1.3)	529	(2.6)	516	(4.0)	518	(4.8)	513	(4.3)										
Indonesia	0.1	(0.1)	405	(2.6)	c	c	c	c	c	c										
Jordan	12.1	(0.7)	412	(2.6)	417	(4.5)	418	(5.3)	414	(6.4)										
Kosovo	1.5	(0.2)	380	(1.6)	353	(10.2)	333	(12.1)	374	(12.0)										
Lebanon	3.4	(0.4)	392	(3.6)	372	(9.2)	343	(10.8)	398	(14.1)										
Lithuania	1.8	(0.2)	477	(2.6)	469	(8.5)	478	(8.5)	438	(22.8)										
Macao (China)	62.2	(0.7)	519	(1.9)	535	(1.6)	536	(2.1)	535	(3.1)										
Malta	5.0	(0.4)	468	(1.7)	501	(8.7)	472	(18.2)	514	(10.1)										
Moldova	1.4	(0.2)	430	(2.0)	435	(11.0)	438	(13.3)	c	c										
Montenegro	5.6	(0.3)	412	(1.0)	423	(5.6)	425	(6.7)	420	(9.2)										
Peru	0.5	(0.1)	398	(2.3)	367	(20.7)	c	c	c	c										
Qatar	55.2	(0.4)	377	(1.4)	458	(1.3)	427	(2.5)	470	(1.6)										
Romania	0.4	(0.1)	435	(3.2)	c	c	c	c	c	c										
Russia	6.9	(0.5)	489	(3.0)	480	(6.1)	481	(7.4)	478	(9.9)										
Singapore	20.9	(1.0)	550	(1.4)	579	(3.9)	589	(5.6)	573	(4.7)										
Chinese Taipei	0.3	(0.1)	533	(2.7)	c	c	c	c	c	c										
Thailand	0.8	(0.3)	424	(2.8)	410	(14.6)	407	(17.1)	c	c										
Trinidad and Tobago	3.5	(0.4)	432	(1.5)	403	(10.7)	381	(12.4)	432	(17.4)										
Tunisia	1.5	(0.2)	390	(2.1)	340	(10.4)	330	(10.3)	c	c										
United Arab Emirates	57.6	(0.9)	394	(2.5)	474	(2.9)	461	(3.1)	482	(3.5)										
Uruguay	0.6	(0.1)	437	(2.2)	431	(21.1)	c	c	c	c										
Viet Nam	0.1	(0.0)	525	(3.9)	c	c	c	c	c	c										
Argentina**	4.4	(0.4)	433	(2.9)	419	(5.8)	422	(7.1)	413	(9.1)										
Kazakhstan**	13.0	(1.0)	457	(3.9)	455	(4.8)	457	(5.4)	449	(8.4)										
Malaysia**	0.9	(0.2)	445	(3.0)	431	(13.3)	421	(13.5)	c	c										

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

StatLink  <http://dx.doi.org/10.1787/888933432226>



[Part 1/2]

Table 1.7.5a Low and top performance in science, by immigrant background


Results based on students' self-reports

	Percentage of immigrant students in PISA 2015		Non-immigrant students				Immigrant students			
			Percentage of low performers in science (below Level 2)		Percentage of top performers in science (Level 5 or above)		Percentage of low performers in science (below Level 2)		Percentage of top performers in science (Level 5 or above)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD										
Australia	25.0	(0.7)	16.5	(0.5)	11.1	(0.5)	17.4	(1.2)	13.0	(1.1)
Austria	20.3	(1.1)	15.6	(0.9)	9.3	(0.7)	40.1	(2.3)	1.9	(0.4)
Belgium	17.7	(0.9)	15.0	(0.8)	10.5	(0.5)	36.9	(2.2)	2.9	(0.6)
Canada	30.1	(1.3)	10.3	(0.6)	12.5	(0.7)	10.5	(0.8)	13.5	(1.0)
Chile	2.1	(0.5)	33.7	(1.2)	1.3	(0.2)	52.3	(8.6)	1.9	(1.4)
Czech Republic	3.4	(0.3)	19.8	(0.9)	7.5	(0.5)	33.6	(4.7)	4.5	(1.4)
Denmark	10.7	(0.6)	12.6	(0.9)	7.6	(0.7)	39.3	(2.0)	3.3	(0.9)
Estonia	10.0	(0.5)	8.0	(0.7)	14.6	(0.8)	13.1	(1.8)	6.5	(1.2)
Finland	4.0	(0.4)	10.2	(0.7)	14.9	(0.7)	36.2	(3.6)	4.6	(1.8)
France	13.2	(1.0)	18.0	(0.8)	9.0	(0.6)	40.2	(3.2)	2.9	(0.9)
Germany	16.9	(0.9)	11.8	(0.8)	13.5	(0.8)	33.6	(2.7)	3.5	(0.8)
Greece	10.8	(0.7)	29.6	(1.9)	2.3	(0.3)	51.0	(3.0)	1.5	(0.6)
Hungary	2.7	(0.2)	25.8	(1.0)	4.6	(0.5)	22.0	(5.4)	7.4	(2.9)
Iceland	4.1	(0.3)	23.3	(0.9)	4.1	(0.4)	56.9	(4.5)	0.2	(0.6)
Ireland	14.4	(1.0)	14.4	(0.9)	7.3	(0.5)	16.9	(1.8)	6.8	(1.1)
Israel	17.5	(1.0)	29.2	(1.4)	6.2	(0.5)	34.7	(2.9)	5.1	(0.9)
Italy	8.0	(0.5)	21.7	(1.0)	4.5	(0.4)	33.0	(2.4)	1.3	(0.6)
Japan	0.5	(0.1)	9.3	(0.7)	15.4	(1.0)	46.2	(12.7)	5.8	(5.9)
Korea	0.1	(0.0)	14.2	(0.9)	10.7	(0.8)	m	m	m	m
Latvia	5.0	(0.4)	16.6	(0.8)	3.9	(0.4)	22.2	(3.1)	3.0	(1.6)
Luxembourg	52.0	(0.6)	16.4	(0.8)	7.7	(0.7)	33.5	(1.1)	6.3	(0.5)
Mexico	1.2	(0.1)	46.7	(1.3)	0.1	(0.1)	85.5	(4.6)	0.0	c
Netherlands	10.7	(0.9)	15.9	(0.9)	12.4	(0.7)	34.3	(4.0)	2.8	(0.9)
New Zealand	27.1	(1.2)	15.3	(0.9)	13.3	(0.9)	19.3	(1.5)	14.2	(1.5)
Norway	12.0	(1.0)	15.9	(0.8)	8.9	(0.6)	32.9	(2.5)	3.2	(0.9)
Poland	0.3	(0.1)	15.7	(0.8)	7.4	(0.6)	m	m	m	m
Portugal	7.3	(0.4)	16.8	(0.9)	7.7	(0.6)	20.8	(3.8)	6.0	(1.3)
Slovak Republic	1.2	(0.2)	28.8	(1.0)	3.7	(0.4)	59.1	(7.0)	0.9	(1.4)
Slovenia	7.8	(0.5)	12.6	(0.4)	11.5	(0.6)	36.4	(3.2)	2.6	(1.3)
Spain	11.0	(0.8)	16.1	(0.8)	5.4	(0.4)	30.4	(2.4)	2.2	(0.8)
Sweden	17.4	(1.2)	16.7	(1.0)	10.0	(0.8)	40.6	(2.6)	2.7	(1.0)
Switzerland	31.1	(1.2)	11.3	(0.9)	12.1	(0.8)	32.1	(1.8)	5.1	(0.8)
Turkey	0.8	(0.2)	43.5	(2.1)	0.3	(0.1)	52.3	(9.7)	0.3	(1.6)
United Kingdom	16.7	(1.0)	15.5	(0.8)	12.0	(0.7)	21.6	(2.0)	8.2	(1.6)
United States	23.1	(1.5)	17.1	(1.0)	10.0	(0.8)	27.1	(2.1)	4.8	(0.9)
OECD average	12.5	(0.1)	18.9	(0.2)	8.4	(0.1)	35.2	(0.8)	4.5	(0.3)
Partners										
Albania	0.6	(0.1)	m	m	m	m	m	m	m	m
Algeria	1.0	(0.2)	70.3	(1.5)	0.0	(0.0)	83.3	(7.1)	0.0	c
Brazil	0.8	(0.1)	55.0	(1.1)	0.7	(0.1)	83.7	(4.8)	0.6	(0.9)
B-S-J-G (China)	0.3	(0.1)	15.3	(1.2)	13.9	(1.4)	62.3	(11.0)	0.0	(0.1)
Bulgaria	1.0	(0.1)	36.0	(1.8)	3.0	(0.5)	64.9	(6.7)	0.3	(1.0)
CABA (Argentina)	17.0	(2.0)	18.5	(2.2)	3.1	(0.9)	43.7	(4.4)	0.7	(0.7)
Colombia	0.6	(0.1)	48.1	(1.3)	0.4	(0.1)	77.4	(6.8)	1.6	(2.0)
Costa Rica	8.0	(0.6)	45.0	(1.2)	0.2	(0.1)	58.0	(3.2)	0.2	(0.2)
Croatia	10.8	(0.6)	23.1	(1.2)	4.3	(0.4)	31.5	(2.7)	1.9	(0.6)
Cyprus*	11.3	(0.4)	41.1	(0.8)	1.4	(0.2)	44.7	(2.4)	3.6	(0.9)
Dominican Republic	1.8	(0.3)	84.8	(1.2)	0.0	(0.0)	92.4	(3.6)	0.0	c
FYROM	2.0	(0.2)	61.3	(0.8)	0.2	(0.1)	72.6	(5.9)	0.0	(0.2)
Georgia	2.2	(0.3)	49.5	(1.3)	0.9	(0.2)	50.2	(5.8)	0.2	(0.6)
Hong Kong (China)	35.1	(1.3)	8.1	(0.7)	8.4	(0.8)	11.1	(1.4)	6.1	(0.8)
Indonesia	0.1	(0.1)	55.1	(1.7)	0.1	(0.1)	m	m	m	m
Jordan	12.1	(0.7)	48.4	(1.5)	0.2	(0.1)	46.3	(3.1)	0.2	(0.2)
Kosovo	1.5	(0.2)	67.0	(1.1)	0.0	(0.0)	79.6	(8.1)	0.0	c
Lebanon	3.4	(0.4)	60.0	(1.9)	0.5	(0.2)	68.4	(5.1)	0.0	(0.2)
Lithuania	1.8	(0.2)	23.9	(1.0)	4.4	(0.5)	27.7	(4.7)	2.2	(2.1)
Macao (China)	62.2	(0.7)	10.5	(0.8)	7.7	(0.8)	6.4	(0.5)	10.2	(0.8)
Malta	5.0	(0.4)	31.3	(0.9)	7.5	(0.5)	24.4	(3.6)	14.9	(2.8)
Moldova	1.4	(0.2)	41.5	(1.1)	0.8	(0.2)	40.1	(7.4)	1.3	(1.9)
Montenegro	5.6	(0.3)	50.5	(0.7)	0.5	(0.1)	45.6	(3.0)	0.7	(0.6)
Peru	0.5	(0.1)	58.0	(1.4)	0.1	(0.1)	74.0	(9.5)	0.0	c
Qatar	55.2	(0.4)	68.4	(0.7)	0.2	(0.1)	31.7	(0.6)	3.1	(0.3)
Romania	0.4	(0.1)	38.5	(1.8)	0.7	(0.2)	m	m	m	m
Russia	6.9	(0.5)	17.4	(1.1)	3.9	(0.4)	20.6	(2.9)	3.7	(1.4)
Singapore	20.9	(1.0)	10.4	(0.5)	22.6	(0.6)	5.8	(0.9)	31.2	(1.7)
Chinese Taipei	0.3	(0.1)	12.2	(0.8)	15.5	(1.1)	m	m	m	m
Thailand	0.8	(0.3)	45.5	(1.5)	0.5	(0.2)	51.6	(9.1)	0.3	(1.0)
Trinidad and Tobago	3.5	(0.4)	42.5	(0.9)	1.6	(0.3)	56.3	(6.0)	0.7	(1.0)
Tunisia	1.5	(0.2)	63.9	(1.3)	0.0	(0.1)	86.4	(5.0)	0.0	c
United Arab Emirates	57.6	(0.9)	59.0	(1.3)	0.2	(0.1)	26.6	(1.3)	4.9	(0.4)
Uruguay	0.6	(0.1)	40.0	(1.1)	1.3	(0.2)	46.1	(10.6)	1.7	(3.0)
Viet Nam	0.1	(0.0)	5.7	(0.7)	8.3	(1.2)	m	m	m	m
Argentina**	4.4	(0.4)	39.4	(1.5)	0.7	(0.2)	44.4	(4.2)	0.4	(0.4)
Kazakhstan**	13.0	(1.0)	28.4	(1.7)	1.9	(0.6)	26.1	(2.6)	1.2	(0.7)
Malaysia**	0.9	(0.2)	32.6	(1.5)	0.6	(0.2)	42.5	(7.9)	0.1	(0.5)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 2/2]

Table 1.7.5a Low and top performance in science, by immigrant background


Results based on students' self-reports

	Second-generation immigrants				First-generation immigrants				Likelihood of immigrant students scoring below Level 2 in science, relative to non-immigrant students			
	Percentage of low performers in science (below Level 2)		Percentage of top performers in science (Level 5 or above)		Percentage of low performers in science (below Level 2)		Percentage of top performers in science (Level 5 or above)		Before accounting for students' socio-economic status		After accounting for students' socio-economic status	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	Odds ratio	S.E.	Odds ratio	S.E.
OECD												
Australia	14.0	(1.4)	13.8	(1.5)	20.8	(1.6)	12.3	(1.2)	1.1	(0.1)	1.0	(0.1)
Austria	35.9	(2.3)	1.6	(0.5)	47.1	(3.8)	2.3	(0.9)	3.6	(0.4)	2.5	(0.3)
Belgium	33.8	(2.7)	2.9	(0.7)	40.2	(2.7)	3.0	(0.8)	3.3	(0.3)	2.4	(0.2)
Canada	9.8	(1.0)	13.5	(1.2)	11.3	(1.1)	13.5	(1.2)	1.0	(0.1)	1.0	(0.1)
Chile	43.4	(15.0)	5.7	(5.1)	55.3	(9.3)	0.6	(0.5)	2.2	(0.8)	2.0	(0.5)
Czech Republic	31.2	(6.6)	6.0	(2.1)	35.9	(5.8)	3.0	(1.8)	2.0	(0.4)	1.9	(0.4)
Denmark	39.8	(2.2)	2.9	(1.1)	37.8	(4.2)	4.5	(1.8)	4.5	(0.5)	3.4	(0.5)
Estonia	12.7	(1.9)	6.1	(1.2)	18.5	(7.9)	12.4	(6.2)	1.7	(0.3)	1.8	(0.4)
Finland	31.4	(5.0)	4.6	(2.4)	40.2	(4.8)	4.6	(2.5)	5.0	(0.9)	3.8	(0.7)
France	35.2	(3.9)	3.7	(1.2)	50.0	(4.4)	1.5	(1.0)	3.1	(0.5)	1.9	(0.3)
Germany	31.1	(2.7)	3.5	(0.9)	42.5	(4.9)	3.4	(1.5)	3.8	(0.5)	2.7	(0.4)
Greece	47.3	(4.3)	1.9	(0.9)	57.9	(4.5)	0.7	(0.6)	2.5	(0.3)	1.7	(0.2)
Hungary	17.9	(4.6)	9.4	(4.2)	27.6	(9.0)	4.7	(3.0)	4.8	(0.3)	1.1	(0.4)
Iceland	47.1	(9.1)	0.6	(1.8)	61.1	(4.9)	0.0	c	4.4	(0.8)	3.6	(0.7)
Ireland	18.6	(3.4)	7.7	(2.5)	16.3	(1.9)	6.6	(1.2)	1.2	(0.2)	1.3	(0.2)
Israel	29.1	(2.8)	5.9	(1.1)	51.0	(5.9)	2.7	(1.2)	1.3	(0.2)	1.1	(0.1)
Italy	26.6	(4.0)	0.9	(0.7)	37.1	(3.4)	1.6	(1.0)	1.8	(0.2)	1.4	(0.2)
Japan	m	m	m	m	m	m	m	m	8.4	(4.3)	8.4	(4.7)
Korea	m	m	m	m	m	m	m	m	5.2	(11.9)	3.9	(4.8)
Latvia	19.4	(3.4)	3.0	(1.6)	33.4	(8.9)	3.3	(5.0)	1.4	(0.3)	1.7	(0.4)
Luxembourg	31.9	(1.6)	4.6	(0.6)	35.7	(1.6)	8.9	(0.9)	2.6	(0.2)	1.7	(0.1)
Mexico	m	m	m	m	90.1	(5.8)	0.0	c	6.8	(2.8)	5.4	(2.6)
Netherlands	32.2	(4.0)	3.2	(1.0)	42.7	(6.2)	1.3	(1.4)	2.8	(0.5)	1.8	(0.4)
New Zealand	22.3	(2.6)	14.6	(2.0)	17.3	(1.7)	13.8	(1.8)	1.3	(0.1)	1.4	(0.2)
Norway	30.6	(3.4)	3.3	(1.3)	35.2	(3.3)	3.0	(1.1)	2.6	(0.3)	2.0	(0.3)
Poland	m	m	m	m	m	m	m	m	0.9	(0.8)	1.3	(1.2)
Portugal	19.6	(4.6)	8.6	(2.5)	21.8	(4.5)	3.8	(1.3)	1.3	(0.3)	1.4	(0.3)
Slovak Republic	53.9	(9.5)	1.5	(2.4)	64.6	(9.8)	0.2	(1.0)	3.6	(1.1)	4.4	(1.5)
Slovenia	30.6	(3.7)	3.3	(1.9)	44.3	(5.8)	1.7	(1.5)	4.0	(0.6)	2.7	(0.5)
Spain	25.4	(4.6)	4.2	(2.4)	31.5	(2.6)	1.8	(0.7)	2.3	(0.3)	1.8	(0.2)
Sweden	33.3	(3.1)	3.1	(1.5)	50.0	(3.9)	2.3	(1.1)	3.4	(0.4)	2.6	(0.3)
Switzerland	30.9	(2.2)	4.3	(0.8)	34.4	(2.8)	6.8	(1.3)	3.7	(0.4)	2.6	(0.3)
Turkey	40.2	(12.5)	0.5	(2.5)	m	m	m	m	1.4	(0.6)	2.2	(0.9)
United Kingdom	17.5	(2.4)	8.7	(2.3)	25.3	(2.6)	7.8	(1.7)	1.5	(0.2)	1.4	(0.2)
United States	23.2	(2.6)	5.4	(1.1)	35.3	(3.0)	3.3	(1.3)	1.8	(0.2)	1.2	(0.2)
OECD average	29.5	(1.0)	5.1	(0.4)	39.1	(0.9)	4.4	(0.3)	2.8	(0.4)	2.3	(0.2)
Partners												
Albania	m	m	m	m	m	m	m	m	m	m	m	m
Algeria	83.3	(7.1)	0.0	c	m	m	m	m	2.3	(1.5)	2.3	(2.6)
Brazil	85.9	(5.7)	0.7	(1.1)	79.7	(8.1)	0.5	(1.8)	4.3	(1.6)	5.0	(1.4)
B-S-J-G (China)	m	m	m	m	m	m	m	m	9.5	(4.9)	12.6	(8.5)
Bulgaria	m	m	m	m	m	m	m	m	3.3	(1.0)	3.5	(1.3)
CABA (Argentina)	41.0	(4.7)	0.9	(1.0)	48.3	(6.8)	0.3	(0.8)	3.4	(0.6)	1.4	(0.3)
Colombia	83.5	(7.6)	0.0	c	m	m	m	m	3.8	(1.5)	5.3	(2.5)
Costa Rica	59.1	(3.4)	0.0	c	55.7	(5.7)	0.5	(0.6)	1.7	(0.2)	1.3	(0.2)
Croatia	31.6	(2.8)	2.0	(0.7)	30.7	(6.0)	1.3	(1.2)	1.5	(0.2)	1.3	(0.2)
Cyprus*	36.9	(4.7)	3.6	(1.8)	47.9	(2.7)	3.6	(1.1)	1.2	(0.1)	1.1	(0.1)
Dominican Republic	99.5	(2.1)	0.0	c	83.1	(6.7)	0.0	c	2.2	(1.3)	1.8	(1.0)
FYROM	67.3	(7.8)	0.1	(0.3)	83.4	(8.3)	0.0	c	1.7	(0.5)	1.9	(0.4)
Georgia	49.3	(5.9)	0.3	(0.7)	m	m	m	m	1.0	(0.2)	1.1	(0.3)
Hong Kong (China)	10.9	(1.8)	6.5	(1.0)	11.5	(1.4)	5.6	(1.1)	1.4	(0.2)	1.1	(0.2)
Indonesia	m	m	m	m	m	m	m	m	m	m	m	m
Jordan	45.7	(3.4)	0.1	(0.2)	48.3	(5.1)	0.4	(0.5)	0.9	(0.1)	1.0	(0.1)
Kosovo	87.4	(6.1)	0.0	c	70.8	(13.8)	0.0	c	2.1	(1.1)	2.2	(1.2)
Lebanon	80.9	(6.6)	0.1	(0.3)	57.5	(8.1)	0.0	c	1.4	(0.3)	1.5	(0.3)
Lithuania	24.7	(4.7)	2.6	(2.3)	38.4	(13.7)	0.6	(2.2)	1.2	(0.3)	1.3	(0.3)
Macao (China)	6.5	(0.6)	10.2	(0.9)	6.2	(1.0)	10.2	(1.2)	0.6	(0.1)	0.5	(0.1)
Malta	32.7	(6.4)	10.8	(5.2)	20.9	(4.0)	16.6	(3.3)	0.7	(0.1)	1.0	(0.2)
Moldova	39.9	(8.9)	1.8	(2.7)	m	m	m	m	1.0	(0.3)	1.1	(0.4)
Montenegro	46.0	(3.9)	0.7	(0.9)	45.0	(5.0)	0.6	(1.0)	0.8	(0.1)	0.9	(0.1)
Peru	m	m	m	m	m	m	m	m	2.1	(1.2)	2.7	(1.1)
Qatar	43.4	(1.3)	1.1	(0.3)	27.2	(0.7)	3.8	(0.4)	0.2	(0.0)	0.2	(0.0)
Romania	m	m	m	m	m	m	m	m	1.3	(0.7)	1.5	(1.2)
Russia	18.8	(3.5)	4.2	(1.9)	22.8	(5.1)	3.1	(1.8)	1.2	(0.2)	1.2	(0.2)
Singapore	4.7	(1.3)	36.4	(3.0)	6.3	(1.1)	28.7	(2.3)	0.5	(0.1)	0.8	(0.1)
Chinese Taipei	m	m	m	m	m	m	m	m	0.4	(0.5)	0.4	(0.4)
Thailand	53.1	(10.5)	0.3	(1.2)	m	m	m	m	1.3	(0.5)	0.9	(0.4)
Trinidad and Tobago	65.3	(7.3)	0.1	(0.6)	44.3	(9.9)	1.5	(2.0)	1.8	(0.4)	1.8	(0.5)
Tunisia	92.5	(4.5)	0.0	c	m	m	m	m	3.7	(1.9)	4.8	(1.8)
United Arab Emirates	30.5	(1.6)	3.5	(0.5)	24.0	(1.5)	5.8	(0.5)	0.3	(0.0)	0.2	(0.0)
Uruguay	m	m	m	m	m	m	m	m	1.3	(0.6)	1.8	(1.2)
Viet Nam	m	m	m	m	m	m	m	m	m	m	m	m
Argentina**	42.0	(5.1)	0.5	(0.6)	50.0	(6.9)	0.1	(0.3)	1.2	(0.2)	1.0	(0.2)
Kazakhstan**	24.4	(3.0)	1.1	(0.7)	30.7	(4.6)	1.4	(1.4)	0.9	(0.1)	0.9	(0.1)
Malaysia**	46.5	(8.4)	0.1	(0.6)	m	m	m	m	1.5	(0.5)	1.2	(0.4)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/1]

Table 1.7.6 Percentage of resilient students, by immigrant background

	Percentage of immigrant students in PISA 2015		Percentage of resilient students among disadvantaged students ¹								
			All students		Non-immigrant students		Immigrant students		Difference between non-immigrant and immigrant students		
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	% dif.	S.E.	
OECD	Australia	25.0	(0.7)	32.9	(1.2)	33.4	(1.4)	34.0	(2.3)	-0.6	(2.6)
	Austria	20.3	(1.1)	25.9	(1.6)	31.3	(2.0)	17.5	(2.4)	13.8	(3.1)
	Belgium	17.7	(0.9)	27.2	(1.4)	31.1	(1.6)	18.7	(2.3)	12.5	(2.6)
	Canada	30.1	(1.3)	38.7	(1.4)	38.3	(1.6)	42.1	(2.4)	-3.9	(2.7)
	Chile	2.1	(0.5)	14.6	(1.2)	15.3	(1.2)	3.5	(3.1)	11.7	(3.6)
	Czech Republic	3.4	(0.3)	24.9	(1.7)	25.0	(1.8)	29.2	(6.5)	-4.2	(6.6)
	Denmark	10.7	(0.6)	27.5	(1.6)	30.3	(1.9)	16.7	(1.9)	13.6	(2.7)
	Estonia	10.0	(0.5)	48.3	(1.8)	48.9	(2.0)	46.4	(4.8)	2.5	(5.5)
	Finland	4.0	(0.4)	42.8	(1.9)	44.9	(1.9)	18.4	(4.4)	26.5	(4.4)
	France	13.2	(1.0)	26.6	(1.3)	27.6	(1.8)	25.7	(2.9)	1.9	(3.8)
	Germany	16.9	(0.9)	33.5	(1.8)	36.7	(1.9)	25.4	(3.0)	11.3	(3.2)
	Greece	10.8	(0.7)	18.1	(1.6)	19.3	(1.8)	15.1	(2.7)	4.2	(3.1)
	Hungary	2.7	(0.2)	19.3	(1.5)	19.2	(1.5)	m	m	m	m
	Iceland	4.1	(0.3)	17.0	(1.5)	18.0	(1.6)	9.6	(4.0)	8.4	(4.4)
	Ireland	14.4	(1.0)	29.6	(1.8)	28.9	(2.1)	37.4	(4.3)	-8.5	(4.9)
	Israel	17.5	(1.0)	15.7	(1.3)	14.6	(1.4)	20.2	(2.7)	-5.6	(2.9)
	Italy	8.0	(0.5)	26.6	(1.7)	27.0	(1.8)	23.7	(4.0)	3.3	(4.2)
	Japan	0.5	(0.1)	48.8	(1.9)	49.2	(1.9)	m	m	m	m
	Korea	0.1	(0.0)	40.4	(1.9)	40.5	(1.9)	m	m	m	m
	Latvia	5.0	(0.4)	35.2	(1.7)	35.8	(1.8)	23.9	(7.6)	11.9	(7.8)
	Luxembourg	52.0	(0.6)	20.7	(1.4)	22.8	(2.7)	20.4	(1.5)	2.5	(2.9)
	Mexico	1.2	(0.1)	12.8	(1.2)	13.3	(1.3)	1.6	(3.1)	11.7	(3.4)
	Netherlands	10.7	(0.9)	30.7	(1.7)	31.9	(1.9)	27.6	(4.7)	4.3	(5.3)
	New Zealand	27.1	(1.2)	30.4	(1.9)	31.9	(2.3)	27.8	(3.1)	4.1	(3.8)
	Norway	12.0	(1.0)	26.5	(1.4)	29.2	(1.7)	19.1	(3.0)	10.0	(3.5)
	Poland	0.3	(0.1)	34.6	(1.9)	35.0	(1.9)	m	m	m	m
	Portugal	7.3	(0.4)	38.1	(1.9)	39.0	(1.9)	27.4	(5.7)	11.6	(5.7)
	Slovak Republic	1.2	(0.2)	17.5	(1.4)	18.2	(1.4)	m	m	m	m
	Slovenia	7.8	(0.5)	34.6	(1.5)	36.6	(1.7)	26.1	(3.9)	10.5	(4.2)
	Spain	11.0	(0.8)	39.2	(1.4)	42.0	(1.6)	27.4	(4.2)	14.6	(4.6)
	Sweden	17.4	(1.2)	24.7	(1.5)	27.9	(1.7)	17.8	(2.8)	10.1	(3.2)
	Switzerland	31.1	(1.2)	29.1	(1.8)	37.6	(2.5)	23.2	(2.4)	14.5	(3.3)
	Turkey	0.8	(0.2)	21.8	(2.5)	22.3	(2.5)	m	m	m	m
	United Kingdom	16.7	(1.0)	35.4	(1.5)	36.8	(1.6)	33.7	(3.7)	3.1	(4.1)
United States	23.1	(1.5)	31.6	(1.9)	28.9	(2.3)	35.2	(2.7)	-6.3	(3.3)	
OECD average	12.5	(0.1)	29.2	(0.3)	30.5	(0.3)	24.0	(0.7)	6.5	(0.8)	
Partners	Albania	0.6	(0.1)	m	m	m	m	m	m	m	m
	Algeria	1.0	(0.2)	7.4	(1.1)	7.5	(1.1)	m	m	m	m
	Brazil	0.8	(0.1)	9.4	(0.7)	9.8	(0.7)	0.2	(0.5)	9.6	(0.8)
	B-S-J-G (China)	0.3	(0.1)	45.3	(2.5)	46.4	(2.6)	m	m	m	m
	Bulgaria	1.0	(0.1)	13.6	(1.5)	14.1	(1.5)	m	m	m	m
	CABA (Argentina)	17.0	(2.0)	14.9	(1.9)	15.4	(3.1)	14.5	(3.2)	0.8	(5.0)
	Colombia	0.6	(0.1)	11.4	(1.0)	11.5	(1.0)	m	m	m	m
	Costa Rica	8.0	(0.6)	9.4	(1.0)	9.6	(1.1)	8.9	(2.7)	0.6	(2.9)
	Croatia	10.8	(0.6)	24.4	(1.7)	25.8	(1.8)	18.7	(3.3)	7.1	(3.3)
	Cyprus*	11.3	(0.4)	10.1	(1.1)	10.4	(1.2)	9.6	(3.0)	0.8	(3.2)
	Dominican Republic	1.8	(0.3)	0.4	(0.2)	0.4	(0.3)	m	m	m	m
	FYROM	2.0	(0.2)	4.1	(0.7)	4.3	(0.7)	m	m	m	m
	Georgia	2.2	(0.3)	7.5	(1.2)	7.6	(1.2)	m	m	m	m
	Hong Kong (China)	35.1	(1.3)	61.8	(1.8)	60.5	(2.6)	64.0	(2.4)	-3.5	(3.4)
	Indonesia	0.1	(0.1)	10.9	(1.3)	11.1	(1.4)	m	m	m	m
	Jordan	12.1	(0.7)	7.7	(0.9)	8.0	(1.0)	7.3	(2.2)	0.7	(2.4)
	Kosovo	1.5	(0.2)	2.5	(0.8)	2.5	(0.8)	m	m	m	m
	Lebanon	3.4	(0.4)	6.1	(1.2)	6.6	(1.3)	m	m	m	m
	Lithuania	1.8	(0.2)	23.1	(1.5)	23.4	(1.5)	18.6	(8.9)	4.8	(9.1)
	Macao (China)	62.2	(0.7)	64.6	(1.4)	55.9	(2.9)	68.5	(1.8)	-12.6	(3.6)
	Malta	5.0	(0.4)	21.8	(1.6)	22.8	(1.7)	m	m	m	m
	Moldova	1.4	(0.2)	13.4	(1.3)	13.7	(1.3)	m	m	m	m
	Montenegro	5.6	(0.3)	9.4	(0.9)	9.7	(0.9)	7.0	(4.0)	2.7	(4.1)
	Peru	0.5	(0.1)	3.2	(0.5)	3.2	(0.5)	m	m	m	m
	Qatar	55.2	(0.4)	5.7	(0.5)	1.6	(0.4)	10.4	(0.9)	-8.8	(1.0)
	Romania	0.4	(0.1)	11.3	(1.4)	11.1	(1.4)	m	m	m	m
	Russia	6.9	(0.5)	25.5	(2.0)	26.0	(2.1)	22.5	(5.2)	3.5	(5.5)
	Singapore	20.9	(1.0)	48.8	(1.5)	47.7	(1.6)	59.8	(4.9)	-12.2	(5.2)
	Chinese Taipei	0.3	(0.1)	46.3	(1.8)	46.6	(1.7)	m	m	m	m
	Thailand	0.8	(0.3)	18.4	(1.6)	18.4	(1.6)	m	m	m	m
	Trinidad and Tobago	3.5	(0.4)	12.9	(1.2)	13.5	(1.2)	10.3	(6.4)	3.2	(6.4)
	Tunisia	1.5	(0.2)	4.7	(0.8)	4.9	(0.8)	m	m	m	m
	United Arab Emirates	57.6	(0.9)	7.7	(0.7)	3.4	(0.7)	12.6	(1.3)	-9.2	(1.5)
	Uruguay	0.6	(0.1)	14.0	(1.1)	14.3	(1.1)	m	m	m	m
	Viet Nam	0.1	(0.0)	75.5	(2.7)	76.0	(2.7)	m	m	m	m
	Argentina**	4.4	(0.4)	16.4	(1.5)	16.5	(1.5)	17.8	(4.6)	-1.3	(4.8)
	Kazakhstan**	13.0	(1.0)	16.6	(1.8)	16.4	(1.9)	16.9	(3.9)	-0.5	(4.1)
	Malaysia**	0.9	(0.2)	15.5	(1.5)	15.8	(1.6)	26.0	(9.4)	-10.3	(9.5)

1. A student is classified as resilient if he or she is in the bottom quarter of the PISA index of economic, social and cultural status (ESCS) in the country/economy of assessment and performs in the top quarter of students among all countries/economies, after accounting for socio-economic status.

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/1]


Table 1.7.7 Students' expectations of pursuing a science-related career, by immigrant background

	Percentage of immigrant students in PISA 2015		Expectation of pursuing a science-related career					
			Non-immigrant students		Immigrant students		Immigrant students' likelihood of expecting a career in science (relative to non-immigrant students), after accounting for science performance	
			%	S.E.	%	S.E.	Odds ratio	S.E.
OECD								
Australia	25.0	(0.7)	27.5	(0.6)	37.6	(1.3)	1.6	(0.1)
Austria	20.3	(1.1)	21.9	(1.2)	24.9	(1.6)	1.7	(0.2)
Belgium	17.7	(0.9)	24.2	(1.2)	27.4	(2.1)	1.7	(0.2)
Canada	30.1	(1.3)	30.5	(0.7)	45.5	(1.1)	1.9	(0.1)
Chile	2.1	(0.5)	38.3	(0.8)	41.0	(5.4)	1.3	(0.3)
Czech Republic	3.4	(0.3)	17.2	(0.7)	14.2	(3.0)	0.9	(0.2)
Denmark	10.7	(0.6)	14.2	(0.6)	21.4	(1.5)	2.2	(0.2)
Estonia	10.0	(0.5)	24.9	(0.6)	26.7	(2.3)	1.3	(0.2)
Finland	4.0	(0.4)	17.0	(0.6)	20.7	(3.4)	2.3	(0.6)
France	13.2	(1.0)	21.4	(0.7)	23.9	(1.8)	2.0	(0.2)
Germany	16.9	(0.9)	17.1	(0.6)	17.7	(1.2)	1.7	(0.1)
Greece	10.8	(0.7)	26.2	(0.8)	20.9	(1.9)	1.0	(0.1)
Hungary	2.7	(0.2)	18.5	(0.9)	21.5	(3.6)	1.1	(0.2)
Iceland	4.1	(0.3)	24.7	(0.8)	15.6	(3.2)	0.8	(0.2)
Ireland	14.4	(1.0)	26.1	(0.7)	38.2	(2.1)	1.8	(0.2)
Israel	17.5	(1.0)	29.0	(0.8)	24.2	(1.8)	0.8	(0.1)
Italy	8.0	(0.5)	23.3	(1.0)	21.8	(2.6)	1.1	(0.2)
Japan	0.5	(0.1)	18.1	(0.7)	11.0	(5.5)	0.8	(0.4)
Korea	0.1	(0.0)	19.4	(0.7)	m	m	c	c
Latvia	5.0	(0.4)	21.3	(0.7)	24.7	(3.2)	1.3	(0.2)
Luxembourg	52.0	(0.6)	22.4	(0.8)	20.3	(0.8)	1.1	(0.1)
Mexico	1.2	(0.1)	41.0	(0.8)	47.3	(6.5)	1.7	(0.4)
Netherlands	10.7	(0.9)	15.8	(0.6)	23.0	(2.4)	2.4	(0.4)
New Zealand	27.1	(1.2)	22.8	(0.9)	32.1	(1.6)	1.7	(0.1)
Norway	12.0	(1.0)	28.3	(0.8)	37.4	(2.2)	1.9	(0.2)
Poland	0.3	(0.1)	21.1	(0.8)	m	m	c	c
Portugal	7.3	(0.4)	27.9	(0.8)	26.9	(2.4)	1.1	(0.1)
Slovak Republic	1.2	(0.2)	19.2	(0.8)	10.1	(4.0)	0.7	(0.4)
Slovenia	7.8	(0.5)	31.5	(0.7)	26.5	(2.5)	1.0	(0.1)
Spain	11.0	(0.8)	28.6	(0.7)	31.8	(2.1)	1.6	(0.2)
Sweden	17.4	(1.2)	19.0	(0.6)	28.4	(2.0)	2.7	(0.3)
Switzerland	31.1	(1.2)	19.8	(0.8)	19.6	(1.2)	1.4	(0.1)
Turkey	0.8	(0.2)	30.0	(1.4)	34.9	(8.5)	1.4	(0.5)
United Kingdom	16.7	(1.0)	27.5	(0.7)	41.1	(2.1)	2.1	(0.2)
United States	23.1	(1.5)	37.4	(0.9)	42.0	(1.4)	1.4	(0.1)
OECD average	12.5	(0.1)	24.4	(0.1)	27.3	(0.5)	1.5	(0.0)
Partners								
Albania	0.6	(0.1)	25.6	(0.7)	18.8	(8.2)	m	m
Algeria	1.0	(0.2)	26.2	(0.8)	29.9	(6.4)	1.4	(0.4)
Brazil	0.8	(0.1)	41.6	(0.6)	21.8	(4.0)	0.5	(0.1)
B-S-J-G (China)	0.3	(0.1)	17.1	(0.7)	9.3	(6.8)	1.0	(0.9)
Bulgaria	1.0	(0.1)	28.6	(1.4)	13.2	(4.0)	0.5	(0.2)
CABA (Argentina)	17.0	(2.0)	27.2	(1.3)	35.6	(3.2)	1.8	(0.3)
Colombia	0.6	(0.1)	40.5	(0.8)	40.1	(7.5)	1.1	(0.3)
Costa Rica	8.0	(0.6)	45.5	(0.9)	42.9	(3.0)	0.9	(0.1)
Croatia	10.8	(0.6)	25.0	(1.2)	22.1	(2.2)	1.0	(0.1)
Cyprus*	11.3	(0.4)	31.0	(0.7)	27.4	(1.9)	0.8	(0.1)
Dominican Republic	1.8	(0.3)	46.4	(1.0)	47.4	(5.7)	1.1	(0.3)
FYROM	2.0	(0.2)	24.8	(0.6)	17.9	(4.2)	0.7	(0.2)
Georgia	2.2	(0.3)	17.5	(0.6)	14.3	(4.3)	0.8	(0.3)
Hong Kong (China)	35.1	(1.3)	25.5	(0.8)	21.7	(1.2)	0.9	(0.1)
Indonesia	0.1	(0.1)	15.4	(0.7)	m	m	c	c
Jordan	12.1	(0.7)	44.7	(1.3)	47.2	(2.1)	1.1	(0.1)
Kosovo	1.5	(0.2)	26.9	(0.7)	13.5	(3.7)	0.5	(0.2)
Lebanon	3.4	(0.4)	40.7	(1.1)	39.5	(4.0)	1.1	(0.2)
Lithuania	1.8	(0.2)	24.6	(0.7)	23.6	(3.5)	1.0	(0.2)
Macao (China)	62.2	(0.7)	21.3	(1.1)	20.7	(0.7)	0.9	(0.1)
Malta	5.0	(0.4)	25.7	(0.7)	27.0	(3.8)	0.8	(0.2)
Moldova	1.4	(0.2)	22.3	(0.8)	20.5	(5.2)	0.9	(0.3)
Montenegro	5.6	(0.3)	21.8	(0.5)	18.6	(2.5)	0.8	(0.1)
Peru	0.5	(0.1)	38.9	(0.8)	23.7	(7.4)	0.5	(0.2)
Qatar	55.2	(0.4)	26.1	(0.7)	49.5	(0.7)	2.0	(0.1)
Romania	0.4	(0.1)	23.1	(1.0)	m	m	c	c
Russia	6.9	(0.5)	24.4	(0.7)	27.1	(3.0)	1.2	(0.2)
Singapore	20.9	(1.0)	27.3	(0.7)	31.5	(1.3)	1.1	(0.1)
Chinese Taipei	0.3	(0.1)	20.9	(0.8)	m	m	c	c
Thailand	0.8	(0.3)	20.4	(0.7)	11.8	(5.3)	0.5	(0.3)
Trinidad and Tobago	3.5	(0.4)	28.9	(0.7)	28.6	(4.4)	1.2	(0.3)
Tunisia	1.5	(0.2)	36.6	(0.9)	20.4	(4.8)	0.6	(0.2)
United Arab Emirates	57.6	(0.9)	35.7	(0.8)	47.5	(0.7)	1.2	(0.1)
Uruguay	0.6	(0.1)	28.7	(0.7)	25.0	(6.8)	0.8	(0.3)
Viet Nam	0.1	(0.0)	19.7	(0.8)	m	m	c	c
Argentina**	4.4	(0.4)	23.4	(0.9)	33.4	(2.7)	1.8	(0.2)
Kazakhstan**	13.0	(1.0)	29.1	(1.1)	27.4	(1.9)	0.9	(0.1)
Malaysia**	0.9	(0.2)	29.5	(0.9)	28.1	(7.6)	1.0	(0.4)

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 2/2]

Table 1.7.8a Differences in science performance, by language spoken at home and immigrant background


Results based on students' self-reports

		Differences in science performance									
		Between students who speak mainly the test language at home and students who speak mainly another language at home		Between non-immigrant and immigrant students who speak mainly the test language at home		Between non-immigrant and immigrant students who speak mainly another language at home		Between immigrant students who speak mainly the test language at home and immigrant students who speak mainly another language at home		Between non-immigrant students who speak the test language at home and immigrant students who speak mainly another language at home	
		Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD	Australia	28	(5.0)	-7	(3.5)	-79	(9.9)	20	(5.6)	13	(5.8)
	Austria	79	(4.9)	39	(6.8)	22	(7.9)	46	(7.1)	85	(5.7)
	Belgium	69	(5.9)	48	(5.9)	39	(8.3)	41	(6.0)	89	(5.2)
	Canada	9	(2.8)	-3	(3.4)	-24	(6.5)	6	(3.3)	3	(3.5)
	Chile	31	(12.5)	32	(13.9)	m	m	m	m	m	m
	Czech Republic	44	(7.1)	52	(16.8)	-36	(14.3)	-29	(18.9)	24	(10.9)
	Denmark	66	(5.4)	64	(5.9)	29	(10.7)	13	(7.5)	77	(6.2)
	Estonia	44	(7.7)	31	(4.5)	9	(15.6)	22	(14.1)	53	(13.2)
	Finland	66	(7.8)	60	(15.3)	56	(14.1)	32	(16.6)	91	(8.9)
	France	73	(7.4)	58	(8.2)	-5	(13.6)	16	(8.3)	74	(9.2)
	Germany	88	(6.4)	54	(6.1)	6	(10.4)	37	(7.6)	92	(7.9)
	Greece	57	(7.0)	36	(6.4)	18	(22.2)	26	(10.3)	63	(8.4)
	Hungary	27	(12.4)	-23	(11.6)	-20	(25.1)	35	(24.6)	12	(21.2)
	Iceland	59	(7.4)	m	m	71	(14.7)	m	m	86	(8.0)
	Ireland	13	(5.3)	-3	(5.6)	m	m	15	(6.8)	12	(5.5)
	Israel	34	(6.5)	14	(6.6)	-26	(11.5)	10	(8.9)	24	(9.7)
	Italy	35	(4.0)	26	(7.0)	12	(6.1)	19	(8.8)	44	(5.2)
	Japan	81	(32.4)	m	m	m	m	m	m	m	m
	Korea	m	m	m	m	m	m	m	m	m	m
	Latvia	43	(5.6)	4	(7.4)	13	(15.5)	50	(16.0)	54	(14.1)
	Luxembourg	54	(4.1)	-23	(8.8)	62	(2.4)	93	(4.8)	70	(8.3)
	Mexico	64	(7.4)	73	(9.5)	m	m	m	m	m	m
	Netherlands	63	(8.5)	52	(9.1)	21	(15.5)	17	(9.1)	69	(10.7)
	New Zealand	30	(5.8)	0	(5.8)	-66	(12.5)	20	(8.0)	19	(7.1)
	Norway	56	(6.0)	45	(6.1)	15	(15.8)	14	(8.5)	59	(6.1)
	Poland	44	(16.0)	m	m	m	m	m	m	m	m
	Portugal	38	(10.2)	12	(6.8)	-17	(16.4)	18	(15.1)	30	(12.4)
	Slovak Republic	106	(6.6)	81	(19.0)	-29	(20.3)	-6	(26.0)	75	(19.1)
	Slovenia	81	(5.9)	47	(11.0)	7	(13.4)	35	(12.9)	82	(7.0)
	Spain	17	(4.6)	34	(5.1)	48	(7.3)	17	(7.3)	51	(6.3)
	Sweden	60	(7.9)	59	(7.5)	56	(15.5)	18	(7.7)	76	(7.3)
	Switzerland	76	(4.3)	34	(5.3)	29	(7.9)	52	(6.2)	86	(4.8)
	Turkey	53	(7.5)	10	(20.0)	m	m	m	m	m	m
United Kingdom	27	(7.0)	24	(6.1)	-28	(14.4)	-1	(8.6)	23	(8.3)	
United States	47	(5.4)	17	(5.8)	-23	(10.2)	26	(6.7)	43	(6.2)	
OECD average	52	(1.6)	31	(1.7)	6	(2.6)	24	(2.2)	54	(1.8)	
Partners	Albania	m	m	m	m	m	m	m	m	m	
	Algeria	-15	(7.5)	28	(14.5)	m	m	m	m	m	
	Brazil	24	(9.2)	78	(10.0)	m	m	m	m	m	
	B-5-J-G (China)	67	(11.1)	m	m	m	m	m	m	m	
	Bulgaria	79	(7.0)	m	m	-7	(22.4)	m	m	71	(21.3)
	CABA (Argentina)	50	(18.7)	57	(7.3)	m	m	28	(17.0)	86	(15.5)
	Colombia	23	(14.5)	60	(14.0)	m	m	m	m	m	
	Costa Rica	9	(10.9)	22	(4.6)	m	m	m	m	m	
	Croatia	41	(8.8)	25	(4.6)	5	(15.8)	17	(15.1)	42	(15.0)
	Cyprus*	-27	(3.4)	-13	(6.3)	40	(6.4)	13	(8.0)	0	(5.8)
	Dominican Republic	15	(7.5)	35	(15.2)	m	m	m	m	m	
	FYROM	44	(6.5)	39	(10.3)	m	m	m	m	m	
	Georgia	46	(10.3)	-2	(11.2)	m	m	m	m	m	
	Hong Kong (China)	86	(10.1)	7	(3.6)	54	(13.2)	100	(10.5)	107	(11.2)
	Indonesia	1	(4.1)	m	m	m	m	m	m	m	
	Jordan	25	(6.4)	-8	(4.4)	27	(14.5)	49	(12.7)	41	(12.2)
	Kosovo	13	(12.7)	28	(10.5)	m	m	m	m	m	
	Lebanon	13	(17.3)	m	m	19	(10.0)	m	m	46	(21.9)
	Lithuania	57	(6.5)	1	(9.1)	-20	(19.0)	36	(22.1)	38	(19.6)
	Macao (China)	32	(2.7)	-18	(3.1)	3	(5.8)	40	(3.9)	22	(4.0)
	Malta	71	(6.5)	6	(16.8)	-27	(11.8)	39	(21.4)	45	(12.6)
	Moldova	3	(4.7)	-10	(12.5)	m	m	m	m	m	
	Montenegro	25	(7.3)	-12	(5.9)	-24	(18.2)	13	(16.9)	1	(16.2)
	Peru	67	(4.6)	m	m	m	m	m	m	m	
	Qatar	-38	(1.9)	-76	(2.3)	-79	(3.0)	-19	(2.5)	-95	(2.2)
	Romania	10	(8.5)	m	m	m	m	m	m	m	
	Russia	34	(9.0)	4	(6.6)	21	(17.9)	46	(12.4)	50	(11.8)
	Singapore	45	(2.9)	-17	(5.7)	-55	(5.6)	20	(7.5)	4	(5.5)
	Chinese Taipei	10	(15.9)	m	m	m	m	m	m	m	
	Thailand	38	(12.1)	24	(14.3)	m	m	m	m	m	
	Trinidad and Tobago	40	(9.3)	26	(11.6)	m	m	m	m	m	
	Tunisia	14	(4.9)	51	(13.6)	m	m	m	m	m	
	United Arab Emirates	-36	(4.1)	-77	(3.8)	-74	(6.3)	-12	(4.6)	-89	(5.0)
Uruguay	42	(6.6)	m	m	m	m	m	m	m		
Viet Nam	33	(8.7)	m	m	m	m	m	m	m		
Argentina**	33	(10.8)	12	(6.2)	-1	(23.0)	17	(17.4)	30	(16.1)	
Kazakhstan**	0	(5.9)	1	(5.0)	13	(12.0)	10	(12.8)	11	(12.1)	
Malaysia**	12	(5.8)	21	(15.1)	m	m	m	m	m		

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/1]

Table 1.7.9 Concentration, in schools, of students with an immigrant background

Results based on students' self-reports

	Percentage of immigrant students in PISA 2015		Index of current concentration of immigrant students in schools ¹		Index of maximum potential concentration of immigrant students in schools ²		Distance between maximum and current concentration (Index of maximum potential concentration – Index of current concentration)	
	%	S.E.	%	S.E.	%	S.E.	% dif.	S.E.
OECD								
Australia	25.0	(0.7)	18.1	(0.5)	44.9	(1.0)	26.7	(1.0)
Austria	20.3	(1.1)	15.8	(1.0)	38.6	(2.1)	22.9	(2.3)
Belgium	17.7	(0.9)	15.0	(0.6)	33.4	(1.8)	18.4	(1.8)
Canada	30.1	(1.3)	25.0	(0.7)	56.5	(0.5)	31.5	(0.9)
Denmark	10.7	(0.6)	11.3	(0.5)	26.2	(2.3)	14.9	(2.5)
Estonia	10.0	(0.5)	9.8	(0.3)	19.6	(0.2)	9.8	(0.3)
France	13.2	(1.0)	11.8	(0.7)	24.4	(1.8)	12.6	(2.1)
Germany	16.9	(0.9)	13.4	(0.6)	31.2	(2.0)	17.8	(2.1)
Greece	10.8	(0.7)	8.7	(0.5)	23.1	(2.6)	14.3	(2.6)
Ireland	14.4	(1.0)	8.7	(0.6)	27.9	(2.1)	19.1	(2.1)
Israel	17.5	(1.0)	12.5	(0.7)	33.9	(1.9)	21.4	(2.0)
Italy	8.0	(0.5)	6.5	(0.4)	28.2	(2.3)	21.7	(2.3)
Luxembourg	52.0	(0.6)	17.4	(0.0)	49.4	(0.0)	32.0	(0.0)
Netherlands	10.7	(0.9)	10.2	(0.7)	22.6	(2.1)	12.4	(2.2)
New Zealand	27.1	(1.2)	16.2	(0.7)	41.1	(1.2)	24.9	(1.4)
Norway	12.0	(1.0)	9.3	(0.6)	21.9	(2.0)	12.6	(2.3)
Portugal	7.3	(0.4)	6.3	(0.3)	18.8	(1.9)	12.5	(1.9)
Slovenia	7.8	(0.5)	7.0	(0.2)	26.0	(0.1)	19.0	(0.3)
Spain	11.0	(0.8)	9.6	(0.6)	22.5	(1.8)	12.9	(1.9)
Sweden	17.4	(1.2)	13.8	(0.9)	30.1	(1.9)	16.3	(2.2)
Switzerland	31.1	(1.2)	15.0	(0.9)	47.8	(1.4)	32.8	(1.7)
United Kingdom	16.7	(1.0)	15.7	(0.7)	49.9	(1.9)	34.2	(2.1)
United States	23.1	(1.5)	18.7	(1.0)	39.6	(1.6)	20.9	(2.0)
OECD average	17.9	(0.2)	12.9	(0.1)	32.9	(0.4)	20.1	(0.4)
Partners								
CABA (Argentina)	17.0	(2.0)	15.7	(1.5)	32.8	(4.8)	17.1	(5.2)
Costa Rica	8.0	(0.6)	6.9	(0.4)	19.0	(2.7)	12.1	(2.8)
Croatia	10.8	(0.6)	6.8	(0.5)	21.4	(2.4)	14.7	(2.5)
Cyprus*	11.3	(0.4)	9.8	(0.1)	23.6	(0.1)	13.8	(0.1)
Hong Kong (China)	35.1	(1.3)	13.3	(0.8)	47.9	(0.9)	34.6	(1.2)
Jordan	12.1	(0.7)	9.5	(0.5)	27.3	(2.6)	17.8	(2.6)
Macao (China)	62.2	(0.7)	13.6	(0.0)	47.0	(0.0)	33.4	(0.0)
Qatar	55.2	(0.4)	28.0	(0.0)	49.2	(0.0)	21.2	(0.0)
Russia	6.9	(0.5)	5.1	(0.4)	18.5	(3.0)	13.4	(3.0)
Singapore	20.9	(1.0)	10.4	(0.7)	37.3	(0.7)	26.9	(0.9)
United Arab Emirates	57.6	(0.9)	33.3	(0.8)	45.3	(0.1)	12.0	(0.7)
Kazakhstan**	13.0	(1.0)	10.4	(0.5)	29.0	(2.1)	18.6	(2.2)

1. The index of current concentration is the percentage of students, both immigrant and non-immigrant, that would have to be relocated across schools so that all schools within the country/economy would have an identical percentage of immigrant students.


2. The index of maximum potential concentration is the highest percentage of the student population, both immigrant and non-immigrant, that would have to be moved across schools if all immigrant students were allocated to the largest schools within the country/economy.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Results include only countries and economies where the overall percentage of immigrant students is above 6.25%. The OECD average is calculated accordingly.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/1]

Table 1.7.10 Performance in science of students attending schools with low and high concentrations of immigrant students, and socio-economic status

Results based on students' self-reports

	Percentage of immigrant students in PISA 2015		Cutpoint below (above) which half of the students attend schools with the smallest (largest) percentage of immigrants	Percentage of students in schools with a low concentration of immigrant students ¹	Percentage of students in schools with a high concentration of immigrant students ²	Score-point difference in science between students attending schools with high and low concentrations of immigrant students			
						Before accounting for students' and schools' ESCS ³ and immigrant background		After accounting for students' and schools' ESCS and immigrant background	
	%	S.E.	%	%	%	Score dif.	S.E.	Score dif.	S.E.
OECD									
Australia	25.0	(0.7)	16.6	50.3	49.7	11	(3.5)	3	(2.6)
Austria	20.3	(1.1)	11.5	50.3	49.7	-26	(6.8)	-2	(4.9)
Belgium	17.7	(0.9)	10.0	50.3	49.7	-41	(7.4)	-12	(3.9)
Canada	30.1	(1.3)	10.7	50.3	49.7	17	(3.6)	0	(3.2)
Denmark	10.7	(0.6)	11.1	50.3	49.7	-22	(5.6)	2	(4.6)
Estonia	10.0	(0.5)	5.1	50.5	49.5	-14	(3.3)	-8	(3.2)
France	13.2	(1.0)	6.8	50.3	49.7	-37	(8.5)	-2	(5.7)
Germany	16.9	(0.9)	12.0	50.2	49.8	-45	(8.4)	-7	(4.3)
Greece	10.8	(0.7)	6.2	50.4	49.6	-32	(8.0)	-2	(5.5)
Ireland	14.4	(1.0)	10.9	50.1	49.9	-1	(5.7)	5	(3.9)
Israel	17.5	(1.0)	13.2	50.4	49.6	13	(8.4)	23	(5.8)
Italy	8.0	(0.5)	5.3	50.5	49.5	-6	(6.6)	6	(5.3)
Luxembourg	52.0	(0.6)	49.4	51.1	48.9	-55	(2.1)	-7	(2.7)
Netherlands	10.7	(0.9)	4.5	50.2	49.8	-45	(10.8)	-9	(6.7)
New Zealand	27.1	(1.2)	20.8	50.0	50.0	11	(6.2)	2	(4.5)
Norway	12.0	(1.0)	8.0	50.5	49.5	-6	(4.4)	4	(3.9)
Portugal	7.3	(0.4)	3.2	50.3	49.7	13	(6.7)	-6	(4.6)
Slovenia	7.8	(0.5)	4.0	50.1	49.9	-32	(2.6)	-10	(2.3)
Spain	11.0	(0.8)	5.8	50.5	49.5	-16	(4.2)	4	(3.3)
Sweden	17.4	(1.2)	11.4	50.1	49.9	-18	(6.0)	10	(4.4)
Switzerland	31.1	(1.2)	28.5	50.4	49.6	-54	(8.6)	-19	(6.4)
United Kingdom	16.7	(1.0)	6.2	50.5	49.5	-9	(7.1)	1	(4.3)
United States	23.1	(1.5)	14.5	50.3	49.7	-13	(7.2)	9	(5.9)
OECD average	17.9	(0.2)	12.0	50.3	49.7	-18	(1.4)	-1	(1.0)
Partners									
CABA (Argentina)	17.0	(2.0)	9.2	52.3	47.7	-64	(10.6)	14	(12.1)
Costa Rica	8.0	(0.6)	5.2	50.3	49.7	-11	(6.4)	0	(3.6)
Croatia	10.8	(0.6)	8.7	50.6	49.4	-20	(7.6)	-7	(5.5)
Cyprus*	11.3	(0.4)	5.8	50.4	49.6	7	(2.4)	-3	(2.5)
Hong Kong (China)	35.1	(1.3)	32.9	50.0	50.0	-27	(7.1)	3	(7.1)
Jordan	12.1	(0.7)	11.5	50.0	50.0	10	(6.4)	1	(5.3)
Macao (China)	62.2	(0.7)	68.1	50.1	49.9	16	(2.1)	32	(2.4)
Qatar	55.2	(0.4)	48.7	50.2	49.8	78	(1.7)	35	(2.4)
Russia	6.9	(0.5)	5.3	51.0	49.0	4	(6.2)	-6	(5.0)
Singapore	20.9	(1.0)	17.1	50.5	49.5	47	(3.1)	10	(2.6)
United Arab Emirates	57.6	(0.9)	54.9	50.3	49.7	74	(4.9)	32	(4.5)
Kazakhstan**	13.0	(1.0)	11.4	50.3	49.7	1	(8.2)	8	(7.6)

1. Schools with a low concentration of immigrant students are defined as those schools in bottom half of the concentration distribution. Country-specific thresholds are indicated by the cutpoint in the previous column of the table.

2. Schools with a high concentration of immigrant students are defined as those schools in top half of the concentration distribution. Country-specific thresholds are indicated by the cutpoint in the previous column of the table.


3. ESCS refers to the PISA index of economic, social and cultural status.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Results include only countries and economies where the overall percentage of immigrant students is above 6.25%. The OECD average is calculated accordingly.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/1]

Table I.7.11 Differences in educational resources between schools with low and high concentrations of immigrant students

Results based on students' self-reports

	Percentage of immigrant students in PISA 2015		Cutpoint below (above) which half of the students attend schools with the smallest (largest) percentage of immigrants	Index of shortage of educational material ¹						Index of shortage of educational staff ²									
				All schools		Schools with low concentration of immigrant students ³		Schools with high concentration of immigrant students ⁴		Difference between schools with high and low concentration of immigrant students		All schools		Schools with low concentration of immigrant students ¹		Schools with high concentration of immigrant students ²		Difference between schools with high and low concentration of immigrant students	
				Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.	Mean index	S.E.	Mean index	S.E.	Mean index	S.E.	Dif.	S.E.
				%	S.E.	%		%				%		%		%			
OECD	Australia	25.0 (0.7)	16.6	-0.39 (0.03)	-0.30 (0.05)	-0.46 (0.04)	-0.17 (0.07)	-0.35 (0.03)	-0.20 (0.06)	-0.48 (0.06)	-0.27 (0.09)								
	Austria	20.3 (1.1)	11.5	-0.27 (0.06)	-0.27 (0.09)	-0.26 (0.10)	0.01 (0.14)	0.18 (0.07)	0.00 (0.11)	0.36 (0.10)	0.36 (0.15)								
	Belgium	17.7 (0.9)	10.0	0.11 (0.06)	0.16 (0.08)	0.07 (0.08)	-0.08 (0.10)	0.23 (0.06)	0.21 (0.08)	0.26 (0.08)	0.06 (0.10)								
	Canada	30.1 (1.3)	10.7	-0.46 (0.04)	-0.50 (0.05)	-0.44 (0.06)	0.05 (0.07)	-0.20 (0.06)	-0.18 (0.08)	-0.21 (0.08)	-0.02 (0.12)								
	Denmark	10.7 (0.6)	11.1	-0.21 (0.08)	-0.23 (0.10)	-0.17 (0.12)	0.06 (0.16)	-0.70 (0.06)	-0.71 (0.08)	-0.68 (0.11)	0.04 (0.13)								
	Estonia	10.0 (0.5)	5.1	0.05 (0.05)	0.21 (0.07)	-0.12 (0.06)	-0.33 (0.10)	0.07 (0.05)	0.21 (0.07)	-0.07 (0.08)	-0.28 (0.11)								
	France	13.2 (1.0)	6.8	-0.17 (0.06)	-0.19 (0.08)	-0.14 (0.09)	0.05 (0.10)	0.17 (0.05)	0.18 (0.07)	0.16 (0.09)	-0.02 (0.12)								
	Germany	16.9 (0.9)	12.0	0.06 (0.07)	-0.08 (0.09)	0.20 (0.10)	0.27 (0.13)	0.41 (0.06)	0.34 (0.09)	0.48 (0.08)	0.14 (0.11)								
	Greece	10.8 (0.7)	6.2	0.39 (0.09)	0.38 (0.11)	0.40 (0.11)	0.02 (0.15)	0.61 (0.07)	0.53 (0.12)	0.68 (0.09)	0.15 (0.15)								
	Ireland	14.4 (1.0)	10.9	0.25 (0.09)	0.41 (0.14)	0.10 (0.12)	-0.32 (0.19)	0.12 (0.07)	0.17 (0.11)	0.08 (0.11)	-0.09 (0.16)								
	Israel	17.5 (1.0)	13.2	0.44 (0.10)	0.47 (0.17)	0.42 (0.13)	-0.05 (0.22)	0.34 (0.09)	0.44 (0.17)	0.25 (0.10)	-0.19 (0.20)								
	Italy	8.0 (0.5)	5.3	0.56 (0.08)	0.75 (0.12)	0.36 (0.11)	-0.39 (0.16)	0.35 (0.08)	0.35 (0.14)	0.35 (0.09)	-0.01 (0.16)								
	Luxembourg	52.0 (0.6)	49.4	-0.16 (0.00)	-0.19 (0.00)	-0.13 (0.00)	0.05 (0.00)	0.39 (0.00)	0.53 (0.00)	0.27 (0.00)	-0.26 (0.00)								
	Netherlands	10.7 (0.9)	4.5	-0.20 (0.08)	-0.32 (0.12)	-0.08 (0.10)	0.24 (0.15)	0.01 (0.07)	-0.05 (0.09)	0.08 (0.12)	0.13 (0.15)								
	New Zealand	27.1 (1.2)	20.8	-0.09 (0.06)	-0.15 (0.08)	-0.03 (0.09)	0.12 (0.12)	-0.42 (0.08)	-0.24 (0.10)	-0.59 (0.11)	-0.36 (0.16)								
	Norway	12.0 (1.0)	8.0	0.00 (0.06)	-0.01 (0.07)	0.01 (0.08)	0.02 (0.10)	-0.11 (0.06)	-0.14 (0.08)	-0.07 (0.09)	0.07 (0.13)								
	Portugal	7.3 (0.4)	3.2	0.11 (0.07)	0.02 (0.09)	0.17 (0.09)	0.16 (0.12)	0.93 (0.05)	0.82 (0.08)	1.01 (0.07)	0.19 (0.11)								
	Slovenia	7.8 (0.5)	4.0	-0.30 (0.01)	-0.30 (0.01)	-0.30 (0.01)	0.00 (0.02)	-0.52 (0.01)	-0.56 (0.01)	-0.47 (0.01)	0.09 (0.02)								
	Spain	11.0 (0.8)	5.8	0.23 (0.08)	-0.06 (0.10)	0.50 (0.12)	0.56 (0.17)	0.27 (0.06)	-0.03 (0.09)	0.55 (0.09)	0.58 (0.13)								
	Sweden	17.4 (1.2)	11.4	-0.28 (0.06)	-0.32 (0.09)	-0.24 (0.07)	0.09 (0.12)	0.35 (0.08)	0.20 (0.11)	0.49 (0.10)	0.29 (0.14)								
Switzerland	31.1 (1.2)	28.5	-0.38 (0.05)	-0.29 (0.08)	-0.48 (0.09)	-0.19 (0.13)	-0.43 (0.06)	-0.51 (0.08)	-0.34 (0.10)	0.18 (0.14)									
United Kingdom	16.7 (1.0)	6.2	0.04 (0.07)	0.07 (0.11)	0.02 (0.10)	-0.05 (0.15)	-0.12 (0.08)	-0.24 (0.11)	-0.02 (0.10)	0.22 (0.14)									
United States	23.1 (1.5)	14.5	-0.33 (0.06)	-0.33 (0.08)	-0.33 (0.08)	0.00 (0.11)	-0.29 (0.08)	-0.20 (0.11)	-0.37 (0.11)	-0.17 (0.15)									
OECD average	17.9 (0.2)	12.0	-0.04 (0.01)	-0.05 (0.02)	-0.04 (0.02)	0.00 (0.03)	0.06 (0.01)	0.04 (0.02)	0.07 (0.02)	0.04 (0.03)									
Partners	CABA (Argentina)	17.0 (2.0)	9.2	-0.12 (0.15)	-0.88 (0.10)	0.61 (0.25)	1.49 (0.29)	-0.16 (0.13)	-0.67 (0.14)	0.32 (0.19)	0.99 (0.24)								
	Costa Rica	8.0 (0.6)	5.2	1.03 (0.11)	1.14 (0.16)	0.91 (0.15)	-0.23 (0.22)	0.91 (0.11)	0.97 (0.15)	0.85 (0.16)	-0.12 (0.23)								
	Croatia	10.8 (0.6)	8.7	0.87 (0.09)	0.77 (0.12)	0.98 (0.13)	0.21 (0.17)	-0.02 (0.08)	-0.25 (0.11)	0.21 (0.10)	0.46 (0.15)								
	Cyprus*	11.3 (0.4)	5.8	-0.06 (0.00)	-0.28 (0.00)	0.16 (0.00)	0.44 (0.01)	0.06 (0.00)	-0.13 (0.00)	0.27 (0.00)	0.40 (0.01)								
	Hong Kong (China)	35.1 (1.3)	32.9	-0.24 (0.07)	-0.22 (0.09)	-0.27 (0.11)	-0.06 (0.14)	-0.20 (0.08)	-0.11 (0.12)	-0.31 (0.11)	-0.20 (0.17)								
	Jordan	12.1 (0.7)	11.5	0.70 (0.09)	0.89 (0.13)	0.47 (0.12)	-0.42 (0.17)	0.88 (0.10)	1.01 (0.13)	0.73 (0.15)	-0.29 (0.20)								
	Macao (China)	62.2 (0.7)	68.1	0.20 (0.00)	-0.10 (0.00)	-0.49 (0.00)	0.59 (0.00)	0.23 (0.00)	0.18 (0.00)	0.29 (0.00)	0.12 (0.00)								
	Qatar	55.2 (0.4)	48.7	-0.65 (0.00)	-0.53 (0.00)	-0.77 (0.00)	-0.23 (0.00)	-0.71 (0.00)	-0.57 (0.00)	-0.86 (0.00)	-0.29 (0.00)								
	Russia	6.9 (0.5)	5.3	0.31 (0.10)	0.48 (0.10)	0.16 (0.15)	-0.32 (0.17)	0.08 (0.10)	0.27 (0.13)	-0.09 (0.13)	-0.36 (0.15)								
	Singapore	20.9 (1.0)	17.1	-0.73 (0.01)	-0.73 (0.01)	-0.74 (0.01)	-0.01 (0.01)	-0.48 (0.02)	-0.51 (0.01)	-0.44 (0.05)	0.07 (0.06)								
	United Arab Emirates	57.6 (0.9)	54.9	-0.05 (0.07)	0.39 (0.12)	-0.44 (0.08)	-0.83 (0.15)	0.16 (0.06)	0.81 (0.09)	-0.42 (0.08)	-1.23 (0.12)								
	Kazakhstan**	13.0 (1.0)	11.4	0.19 (0.08)	0.18 (0.11)	0.20 (0.10)	0.02 (0.15)	-0.17 (0.09)	-0.07 (0.13)	-0.30 (0.10)	-0.23 (0.15)								

1. This is measured by an index summarising school principals' agreement with four statements about whether the school's capacity to provide instruction is hindered by a lack of and/or inadequate educational materials, including physical infrastructure.

2. This is measured by an index summarising school principals' agreement with four statements about whether the school's capacity to provide instruction is hindered by a lack of and/or inadequate qualification of the school staff.

3. Schools with a low concentration of immigrant students are defined as those schools in bottom half of the concentration distribution. Country-specific concentration thresholds are indicated by the cutpoint in the previous column of the table.


4. Schools with a high concentration of immigrant students are defined as those schools in top half of the concentration distribution. Country-specific concentration thresholds are indicated by the cutpoint in the previous column of the table.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Results include only countries and economies where the overall percentage of immigrant students is above 6.25%. The OECD average is calculated accordingly.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/1]

Table I.7.14 Differences in science learning time at school, by immigrant background

Results based on students' self-reports

	Percentage of students who take at least one science lesson per week at school						Average time per week in regular science lessons						
	Immigrant students		Non-immigrant students		Difference between non-immigrant and immigrant students		Immigrant students		Non-immigrant students		Difference between non-immigrant and immigrant students		
	%	S.E.	%	S.E.	% dif.	S.E.	Hours	S.E.	Hours	S.E.	Dif.	S.E.	
OECD													
Australia	90.6	(0.7)	89.9	(0.5)	-0.8	(0.8)	3.6	(0.0)	3.5	(0.0)	-0.1	(0.1)	
Austria	91.5	(1.5)	90.7	(0.8)	-0.8	(1.5)	4.6	(0.1)	4.9	(0.1)	0.3	(0.2)	
Belgium	84.8	(1.6)	87.1	(0.6)	2.3	(1.6)	2.7	(0.1)	3.0	(0.0)	0.4	(0.1)	
Canada	88.1	(0.8)	85.5	(0.6)	-2.6	(0.9)	4.9	(0.1)	4.8	(0.1)	-0.1	(0.1)	
Chile	98.8	(1.2)	98.9	(0.2)	0.0	(1.2)	4.7	(0.4)	5.9	(0.1)	1.1	(0.4)	
Czech Republic	99.1	(0.6)	99.6	(0.1)	0.5	(0.6)	4.3	(0.3)	4.1	(0.1)	-0.1	(0.3)	
Denmark	98.4	(0.6)	99.0	(0.2)	0.7	(0.6)	3.5	(0.1)	3.4	(0.0)	0.0	(0.1)	
Estonia	99.3	(0.4)	99.6	(0.1)	0.3	(0.4)	3.7	(0.1)	3.6	(0.0)	0.0	(0.1)	
Finland	94.9	(1.6)	96.2	(0.6)	1.3	(1.5)	2.5	(0.1)	2.8	(0.0)	0.4	(0.1)	
France	93.4	(1.3)	95.8	(0.5)	2.4	(1.2)	2.7	(0.1)	3.1	(0.0)	0.4	(0.1)	
Germany	91.9	(1.3)	95.8	(0.4)	3.9	(1.2)	3.1	(0.1)	3.9	(0.1)	0.7	(0.1)	
Greece	94.0	(1.3)	95.6	(0.4)	1.6	(1.2)	3.6	(0.1)	3.8	(0.0)	0.3	(0.2)	
Hungary	90.4	(2.1)	85.8	(1.4)	-4.5	(2.3)	3.4	(0.2)	3.1	(0.1)	-0.3	(0.2)	
Iceland	95.4	(1.9)	96.9	(0.2)	1.5	(1.9)	2.2	(0.1)	2.3	(0.0)	0.0	(0.1)	
Ireland	89.8	(1.5)	92.6	(0.9)	2.8	(1.2)	2.5	(0.1)	2.4	(0.0)	-0.2	(0.1)	
Israel	91.8	(1.6)	93.1	(1.2)	1.3	(1.0)	3.2	(0.1)	3.4	(0.1)	0.2	(0.1)	
Italy	97.5	(0.7)	97.0	(0.3)	-0.5	(0.7)	2.4	(0.1)	2.6	(0.1)	0.2	(0.1)	
Japan	m	m	97.4	(1.1)	m	m	c	c	2.9	(0.1)	m	m	
Korea	m	m	97.5	(0.5)	m	m	c	c	2.8	(0.0)	m	m	
Latvia	98.6	(0.8)	99.4	(0.2)	0.7	(0.8)	4.4	(0.3)	4.3	(0.0)	-0.1	(0.3)	
Luxembourg	91.7	(0.5)	94.7	(0.4)	3.0	(0.7)	3.3	(0.0)	3.1	(0.0)	-0.2	(0.1)	
Mexico	96.9	(2.4)	96.3	(1.0)	-0.6	(2.5)	3.8	(0.4)	3.9	(0.1)	0.1	(0.4)	
Netherlands	83.2	(2.1)	84.6	(0.9)	1.4	(2.1)	4.6	(0.2)	4.4	(0.1)	-0.2	(0.2)	
New Zealand	94.9	(0.9)	94.1	(0.7)	-0.7	(0.9)	4.5	(0.1)	4.1	(0.1)	-0.4	(0.1)	
Norway	99.5	(0.3)	99.6	(0.1)	0.1	(0.3)	2.4	(0.1)	2.4	(0.0)	0.0	(0.1)	
Poland	m	m	99.6	(0.1)	m	m	c	c	3.0	(0.0)	m	m	
Portugal	75.6	(2.7)	69.5	(0.9)	-6.2	(2.8)	3.1	(0.2)	3.8	(0.1)	0.7	(0.2)	
Slovak Republic	91.4	(4.0)	88.6	(1.0)	-2.8	(4.0)	3.5	(0.5)	3.1	(0.1)	-0.4	(0.5)	
Slovenia	98.4	(0.8)	98.7	(0.1)	0.3	(0.8)	3.2	(0.1)	3.5	(0.0)	0.3	(0.1)	
Spain	86.3	(1.4)	83.2	(0.7)	-3.1	(1.6)	3.0	(0.1)	3.3	(0.0)	0.3	(0.1)	
Sweden	98.7	(0.5)	99.1	(0.2)	0.4	(0.5)	3.2	(0.1)	3.0	(0.0)	-0.2	(0.1)	
Switzerland	91.5	(1.3)	91.4	(1.0)	-0.1	(1.2)	2.5	(0.1)	2.5	(0.1)	0.0	(0.1)	
Turkey	88.4	(6.0)	92.9	(0.5)	4.5	(6.0)	3.4	(0.3)	3.4	(0.1)	-0.1	(0.3)	
United Kingdom	98.9	(0.3)	98.4	(0.1)	-0.6	(0.3)	4.6	(0.1)	4.8	(0.0)	0.2	(0.1)	
United States	93.9	(1.1)	93.5	(0.9)	-0.4	(1.1)	3.9	(0.1)	4.0	(0.1)	0.1	(0.1)	
OECD average	93.0	(0.3)	93.6	(0.1)	0.2	(0.3)	3.5	(0.0)	3.5	(0.0)	0.1	(0.0)	
Partners													
Albania	m	m	98.0	(0.2)	m	m	c	c	c	c	m	m	
Algeria	93.1	(4.2)	97.7	(0.3)	4.5	(4.2)	c	c	c	c	m	m	
Brazil	93.8	(2.6)	91.9	(0.4)	-1.9	(2.6)	2.5	(0.3)	2.9	(0.1)	0.3	(0.3)	
B-S-J-G (China)	97.6	(1.7)	94.1	(0.9)	-3.5	(1.9)	4.8	(0.7)	5.6	(0.1)	0.8	(0.7)	
Bulgaria	100.0	c	99.5	(0.1)	-0.5	(0.1)	5.1	(0.8)	4.3	(0.1)	-0.8	(0.8)	
CABA (Argentina)	93.9	(1.7)	97.4	(0.7)	3.5	(1.8)	c	c	c	c	m	m	
Colombia	94.0	(4.9)	93.7	(0.4)	-0.4	(4.9)	3.2	(0.4)	3.4	(0.1)	0.3	(0.4)	
Costa Rica	95.8	(0.9)	96.8	(0.3)	1.0	(1.0)	3.5	(0.1)	3.8	(0.0)	0.3	(0.1)	
Croatia	81.3	(2.1)	85.0	(1.0)	3.7	(1.9)	3.0	(0.1)	3.2	(0.1)	0.2	(0.1)	
Cyprus*	95.3	(0.9)	96.3	(0.3)	1.0	(1.0)	3.2	(0.1)	3.1	(0.0)	0.0	(0.1)	
Dominican Republic	94.9	(3.0)	96.8	(0.4)	1.9	(3.0)	3.1	(0.2)	3.5	(0.1)	0.5	(0.3)	
FYROM	82.4	(5.2)	75.1	(0.6)	-7.3	(5.3)	c	c	c	c	m	m	
Georgia	98.1	(1.4)	98.6	(0.3)	0.5	(1.4)	c	c	c	c	m	m	
Hong Kong (China)	77.5	(1.2)	75.5	(1.0)	-2.0	(1.5)	3.7	(0.1)	3.9	(0.1)	0.2	(0.1)	
Indonesia	m	m	95.8	(0.9)	m	m	c	c	c	c	m	m	
Jordan	98.4	(0.6)	97.9	(0.3)	-0.5	(0.6)	c	c	c	c	m	m	
Kosovo	92.3	(3.2)	91.2	(0.5)	-1.1	(3.2)	c	c	c	c	m	m	
Lebanon	99.4	(0.6)	99.2	(0.2)	-0.2	(0.6)	c	c	c	c	m	m	
Lithuania	100.0	c	100.0	c	0.0	c	4.3	(0.1)	4.3	(0.0)	0.0	(0.1)	
Macao (China)	82.4	(0.6)	80.1	(0.9)	-2.4	(1.2)	3.8	(0.1)	3.7	(0.1)	-0.1	(0.1)	
Malta	98.3	(1.0)	94.3	(0.4)	-4.0	(1.0)	c	c	c	c	m	m	
Moldova	91.5	(4.1)	94.4	(0.5)	2.9	(4.0)	c	c	c	c	m	m	
Montenegro	91.7	(1.6)	94.3	(0.2)	2.7	(1.7)	1.7	(0.1)	1.7	(0.0)	0.0	(0.1)	
Peru	m	m	98.7	(0.2)	m	m	c	c	4.0	(0.1)	m	m	
Qatar	95.6	(0.3)	93.4	(0.4)	-2.1	(0.6)	5.4	(0.0)	4.5	(0.0)	-0.9	(0.1)	
Romania	m	m	98.4	(0.3)	m	m	c	c	c	c	m	m	
Russia	98.5	(0.8)	99.6	(0.2)	1.1	(0.8)	4.9	(0.2)	5.2	(0.1)	0.3	(0.2)	
Singapore	99.5	(0.2)	98.5	(0.2)	-1.0	(0.3)	5.7	(0.1)	5.4	(0.0)	-0.3	(0.1)	
Chinese Taipei	m	m	92.5	(0.9)	m	m	c	c	3.0	(0.0)	m	m	
Thailand	78.3	(9.3)	93.4	(0.7)	15.1	(9.2)	3.4	(0.5)	4.4	(0.1)	1.0	(0.5)	
Trinidad and Tobago	90.0	(3.1)	92.0	(0.4)	2.0	(3.1)	c	c	c	c	m	m	
Tunisia	90.3	(5.3)	96.8	(0.4)	6.4	(5.2)	2.6	(0.5)	2.6	(0.0)	0.0	(0.5)	
United Arab Emirates	92.8	(0.7)	93.2	(0.6)	0.4	(0.9)	5.7	(0.1)	4.8	(0.1)	-0.8	(0.1)	
Uruguay	92.9	(4.9)	95.4	(0.4)	2.5	(4.9)	3.6	(0.6)	3.4	(0.1)	-0.2	(0.6)	
Viet Nam	m	m	100.0	c	m	m	c	c	c	c	m	m	
Argentina**	95.4	(1.2)	94.5	(0.7)	-0.9	(1.4)	c	c	c	c	m	m	
Kazakhstan**	99.6	(0.2)	99.7	(0.1)	0.1	(0.2)	c	c	c	c	m	m	
Malaysia**	94.7	(4.1)	97.9	(0.5)	3.2	(4.1)	4.7	(0.8)	4.5	(0.1)	-0.2	(0.8)	

Note: Values that are statistically significant are indicated in bold (see Annex A3).

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/1]

Table 1.7.15a Change between 2006 and 2015 in the science performance gap related to immigrant background, and socio-economic status and language spoken at home

Results based on students' self-reports


	Percentage of immigrant students in PISA 2015		Science performance in PISA 2015							
			Non-immigrant students		Immigrant students		Difference in performance between immigrant and non-immigrant students			
							Before accounting for students' socio-economic status and language spoken at home		After accounting for students' socio-economic status and language spoken at home	
	%	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD										
Australia	25.0	(0.7)	512	(1.5)	514	(3.5)	-2	(3.6)	-13	(3.3)
Austria	20.3	(1.1)	510	(2.4)	440	(4.5)	70	(5.2)	18	(4.9)
Belgium	17.7	(0.9)	516	(2.0)	450	(4.9)	66	(4.5)	28	(4.5)
Canada	30.1	(1.3)	530	(2.2)	531	(3.1)	-2	(3.0)	-5	(3.0)
Chile	2.1	(0.5)	449	(2.4)	418	(14.3)	31	(14.2)	21	(9.9)
Czech Republic	3.4	(0.3)	495	(2.1)	463	(10.5)	32	(10.1)	2	(11.3)
Denmark	10.7	(0.6)	510	(2.6)	441	(4.1)	69	(4.7)	38	(6.2)
Estonia	10.0	(0.5)	539	(2.2)	507	(3.9)	32	(4.2)	28	(4.1)
Finland	4.0	(0.4)	535	(2.2)	452	(8.5)	83	(8.2)	36	(9.7)
France	13.2	(1.0)	506	(2.0)	444	(6.9)	62	(7.5)	20	(7.1)
Germany	16.9	(0.9)	527	(2.6)	455	(6.1)	72	(6.2)	28	(5.5)
Greece	10.8	(0.7)	461	(4.0)	417	(5.4)	45	(5.3)	14	(6.1)
Hungary	2.7	(0.2)	477	(2.5)	494	(10.2)	-17	(9.9)	-11	(9.3)
Iceland	4.1	(0.3)	478	(1.7)	398	(7.1)	80	(7.3)	53	(11.4)
Ireland	14.4	(1.0)	505	(2.5)	500	(4.1)	5	(4.4)	3	(5.2)
Israel	17.5	(1.0)	473	(3.4)	456	(7.0)	16	(6.8)	-9	(5.5)
Italy	8.0	(0.5)	485	(2.6)	452	(4.0)	33	(4.0)	11	(4.2)
Japan	0.5	(0.1)	539	(2.9)	447	(31.6)	93	(30.7)	53	(26.3)
Korea	0.1	(0.0)	516	(3.1)	c	c	m	m	m	m
Latvia	5.0	(0.4)	492	(1.6)	478	(6.6)	13	(6.9)	14	(6.2)
Luxembourg	52.0	(0.6)	505	(1.6)	464	(1.6)	41	(2.3)	22	(2.8)
Mexico	1.2	(0.1)	418	(2.1)	340	(8.7)	77	(9.1)	57	(8.8)
Netherlands	10.7	(0.9)	517	(2.4)	457	(8.2)	60	(8.8)	23	(8.0)
New Zealand	27.1	(1.2)	519	(2.5)	513	(4.6)	6	(4.9)	-3	(4.9)
Norway	12.0	(1.0)	507	(2.3)	455	(4.2)	52	(4.4)	23	(6.6)
Poland	0.3	(0.1)	503	(2.5)	c	c	m	m	m	m
Portugal	7.3	(0.4)	503	(2.4)	488	(5.9)	16	(5.6)	8	(6.1)
Slovak Republic	1.2	(0.2)	465	(2.4)	395	(13.5)	70	(13.6)	40	(14.8)
Slovenia	7.8	(0.5)	520	(1.3)	449	(5.8)	71	(6.0)	14	(8.0)
Spain	11.0	(0.8)	499	(2.0)	457	(4.5)	42	(4.4)	26	(4.4)
Sweden	17.4	(1.2)	508	(3.2)	438	(6.7)	70	(6.4)	40	(6.8)
Switzerland	31.1	(1.2)	527	(2.6)	464	(4.1)	63	(4.1)	16	(4.1)
Turkey	0.8	(0.2)	427	(3.9)	414	(15.4)	13	(15.2)	22	(15.0)
United Kingdom	16.7	(1.0)	516	(2.4)	493	(5.9)	23	(5.7)	15	(4.6)
United States	23.1	(1.5)	506	(3.3)	474	(4.9)	32	(5.2)	-5	(4.8)
OECD average	12.5	(0.1)	500	(0.4)	456	(1.6)	43	(1.6)	19	(1.5)
Partners										
Albania	0.6	(0.1)	m	m	m	m	m	m	m	m
Algeria	1.0	(0.2)	377	(2.7)	335	(16.4)	42	(15.9)	33	(13.9)
Brazil	0.8	(0.1)	404	(2.3)	338	(10.3)	66	(10.3)	64	(9.7)
B-5-J-G (China)	0.3	(0.1)	521	(4.6)	376	(18.0)	145	(18.4)	135	(19.9)
Bulgaria	1.0	(0.1)	450	(4.2)	376	(14.6)	74	(14.5)	49	(15.4)
CABA (Argentina)	17.0	(2.0)	485	(6.3)	423	(7.2)	62	(6.8)	15	(6.4)
Colombia	0.6	(0.1)	418	(2.3)	365	(14.8)	53	(14.5)	60	(13.8)
Costa Rica	8.0	(0.6)	422	(2.1)	401	(4.9)	20	(4.7)	6	(4.3)
Croatia	10.8	(0.6)	480	(2.4)	454	(4.7)	26	(4.5)	14	(4.3)
Cyprus*	11.3	(0.4)	434	(1.4)	433	(4.5)	1	(4.6)	1	(4.9)
Dominican Republic	1.8	(0.3)	336	(2.7)	295	(10.9)	40	(11.7)	26	(10.3)
FYROM	2.0	(0.2)	387	(1.3)	362	(10.5)	25	(10.7)	23	(10.6)
Georgia	2.2	(0.3)	414	(2.4)	408	(11.3)	7	(11.4)	4	(11.7)
Hong Kong (China)	35.1	(1.3)	529	(2.6)	516	(4.0)	13	(4.3)	-1	(3.5)
Indonesia	0.1	(0.1)	405	(2.6)	c	c	m	m	m	m
Jordan	12.1	(0.7)	412	(2.6)	417	(4.5)	-5	(4.2)	-2	(4.0)
Kosovo	1.5	(0.2)	380	(1.6)	353	(10.2)	27	(10.0)	28	(10.1)
Lebanon	3.4	(0.4)	392	(3.6)	372	(9.2)	20	(8.3)	18	(9.3)
Lithuania	1.8	(0.2)	477	(2.6)	469	(8.5)	8	(8.4)	2	(8.1)
Macao (China)	62.2	(0.7)	519	(1.9)	535	(1.6)	-17	(2.7)	-19	(2.8)
Malta	5.0	(0.4)	468	(1.7)	501	(8.7)	-34	(8.9)	-5	(8.4)
Moldova	1.4	(0.2)	430	(2.0)	435	(11.0)	-5	(11.2)	0	(10.8)
Montenegro	5.6	(0.3)	412	(1.0)	423	(5.6)	-11	(5.7)	-7	(5.5)
Peru	0.5	(0.1)	398	(2.3)	367	(20.7)	31	(19.9)	29	(16.6)
Qatar	55.2	(0.4)	377	(1.4)	458	(1.3)	-82	(1.7)	-77	(1.8)
Romania	0.4	(0.1)	435	(3.2)	c	c	m	m	m	m
Russia	6.9	(0.5)	489	(3.0)	480	(6.1)	10	(6.5)	5	(6.3)
Singapore	20.9	(1.0)	550	(1.4)	579	(3.9)	-28	(4.4)	-13	(4.2)
Chinese Taipei	0.3	(0.1)	533	(2.7)	c	c	m	m	m	m
Thailand	0.8	(0.3)	424	(2.8)	410	(14.6)	14	(14.4)	-8	(19.5)
Trinidad and Tobago	3.5	(0.4)	432	(1.5)	403	(10.7)	29	(11.0)	19	(10.3)
Tunisia	1.5	(0.2)	390	(2.1)	340	(10.4)	50	(10.4)	50	(10.1)
United Arab Emirates	57.6	(0.9)	394	(2.5)	474	(2.9)	-80	(3.4)	-77	(3.5)
Uruguay	0.6	(0.1)	437	(2.2)	431	(21.1)	5	(20.8)	11	(17.9)
Viet Nam	0.1	(0.0)	525	(3.9)	c	c	m	m	m	m
Argentina**	4.4	(0.4)	433	(2.9)	419	(5.8)	14	(5.7)	-1	(5.5)
Kazakhstan**	13.0	(1.0)	457	(3.9)	455	(4.8)	2	(4.7)	0	(4.5)
Malaysia**	0.9	(0.2)	445	(3.0)	431	(13.3)	14	(13.2)	3	(12.1)

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

For Switzerland, the increase in the weighted share of students with an immigrant background between previous rounds of PISA and PISA 2015 samples is larger than the corresponding shift in the target population according to official statistics for this country.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 2/2]

Table 1.7.15a Change between 2006 and 2015 in the science performance gap related to immigrant background, and socio-economic status and language spoken at home

Results based on students' self-reports

	Science performance in PISA 2006								Change between 2006 and 2015 (PISA 2015 - PISA 2006)				
	Non-immigrant students		Immigrant students		Difference in performance between immigrant and non-immigrant students				Difference between non-immigrant and immigrant students				
	Mean score	S.E.	Mean score	S.E.	Before accounting for students' socio-economic status and language spoken at home		After accounting for students' socio-economic status and language spoken at home		Before accounting for students' socio-economic status and language spoken at home		After accounting for students' socio-economic status and language spoken at home		
					Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	
OECD													
Australia	529	(2.0)	527	(5.2)	2	(5.0)	-6	(3.9)	-4	(6.2)	-8	(5.1)	
Austria	523	(3.5)	433	(10.9)	90	(11.1)	35	(8.2)	-20	(12.3)	-17	(9.6)	
Belgium	523	(2.4)	437	(6.4)	86	(6.5)	59	(5.6)	-21	(7.9)	-32	(7.2)	
Canada	541	(1.8)	524	(4.5)	17	(4.5)	6	(4.6)	-18	(5.4)	-11	(5.4)	
Chile	440	(4.4)	c	c	m	m	m	m	m	m	m	m	
Czech Republic	515	(3.5)	455	(13.5)	60	(13.5)	22	(14.8)	-28	(16.9)	-20	(18.6)	
Denmark	503	(2.9)	416	(7.9)	87	(7.7)	31	(8.6)	-18	(9.0)	7	(10.6)	
Estonia	537	(2.6)	504	(4.8)	33	(4.9)	30	(4.9)	-1	(6.5)	-2	(6.4)	
Finland	566	(2.0)	472	(15.4)	94	(15.4)	47	(18.3)	-11	(17.4)	-11	(20.7)	
France	505	(3.5)	451	(8.6)	53	(9.2)	10	(8.2)	9	(11.9)	10	(10.8)	
Germany	532	(3.2)	446	(7.4)	85	(6.7)	21	(7.2)	-13	(9.1)	7	(9.1)	
Greece	478	(3.2)	433	(9.7)	44	(9.6)	9	(10.4)	0	(11.0)	5	(12.0)	
Hungary	505	(2.7)	501	(12.6)	4	(12.7)	1	(12.8)	-20	(16.1)	-13	(15.8)	
Iceland	494	(1.7)	419	(13.4)	75	(13.5)	28	(16.0)	4	(15.4)	24	(19.7)	
Ireland	510	(3.0)	500	(12.3)	11	(11.7)	-3	(9.0)	-6	(12.5)	6	(10.4)	
Israel	462	(3.6)	456	(6.0)	6	(5.4)	-11	(5.3)	11	(8.6)	1	(7.7)	
Italy	479	(2.0)	421	(7.8)	58	(7.8)	43	(8.3)	-25	(8.7)	-32	(9.3)	
Japan	532	(3.4)	c	c	m	m	m	m	m	m	m	m	
Korea	523	(3.3)	c	c	m	m	m	m	m	m	m	m	
Latvia	492	(3.0)	489	(6.1)	3	(6.2)	6	(5.8)	10	(9.3)	7	(8.5)	
Luxembourg	511	(1.6)	445	(2.4)	67	(3.3)	39	(4.4)	-26	(4.0)	-16	(5.2)	
Mexico	415	(2.6)	319	(7.3)	96	(6.9)	77	(7.6)	-19	(11.4)	-21	(11.6)	
Netherlands	534	(2.3)	459	(9.5)	75	(9.7)	33	(9.4)	-16	(13.1)	-10	(12.3)	
New Zealand	536	(2.6)	520	(5.8)	16	(6.0)	6	(4.9)	-10	(7.8)	-9	(6.9)	
Norway	493	(2.5)	434	(9.2)	59	(8.5)	14	(10.3)	-6	(9.6)	8	(12.2)	
Poland	499	(2.3)	c	c	m	m	m	m	m	m	m	m	
Portugal	479	(2.9)	424	(11.0)	55	(10.8)	57	(9.2)	-39	(12.2)	-49	(11.1)	
Slovak Republic	490	(2.6)	c	c	m	m	m	m	m	m	m	m	
Slovenia	525	(1.2)	469	(5.0)	56	(5.5)	13	(6.5)	15	(8.1)	1	(10.4)	
Spain	494	(2.4)	434	(7.3)	60	(6.9)	50	(6.5)	-17	(8.2)	-23	(7.8)	
Sweden	512	(2.3)	451	(5.6)	61	(5.1)	27	(7.3)	9	(8.2)	13	(10.0)	
Switzerland	531	(2.9)	449	(5.0)	81	(4.2)	36	(4.8)	-18	(5.9)	-20	(6.3)	
Turkey	425	(3.8)	440	(15.7)	-16	(14.9)	1	(14.0)	29	(21.3)	21	(20.5)	
United Kingdom	519	(2.0)	487	(9.3)	33	(9.0)	6	(6.0)	-9	(10.6)	9	(7.6)	
United States	499	(4.3)	451	(6.2)	48	(6.4)	5	(6.1)	-16	(8.2)	-10	(7.7)	
OECD average	504	(0.5)	456	(1.7)	50	(1.6)	23	(1.7)	-9	(2.0)	-6	(2.1)	
Partners													
Albania	m	m	m	m	m	m	m	m	m	m	m	m	
Algeria	m	m	m	m	m	m	m	m	m	m	m	m	
Brazil	393	(2.8)	348	(8.3)	44	(8.4)	34	(8.3)	22	(13.3)	30	(12.8)	
B-S-J-G (China)	m	m	m	m	m	m	m	m	m	m	m	m	
Bulgaria	436	(6.1)	c	c	m	m	m	m	m	m	m	m	
CABA (Argentina)	m	m	m	m	m	m	m	m	m	m	m	m	
Colombia	391	(3.3)	c	c	m	m	m	m	m	m	m	m	
Costa Rica	m	m	m	m	m	m	m	m	m	m	m	m	
Croatia	497	(2.6)	477	(4.2)	19	(4.4)	7	(4.3)	6	(6.3)	7	(6.1)	
Cyprus*	m	m	m	m	m	m	m	m	m	m	m	m	
Dominican Republic	m	m	m	m	m	m	m	m	m	m	m	m	
FYROM	m	m	m	m	m	m	m	m	m	m	m	m	
Georgia	m	m	m	m	m	m	m	m	m	m	m	m	
Hong Kong (China)	547	(3.0)	538	(3.3)	9	(4.1)	-12	(3.8)	4	(6.0)	10	(5.2)	
Indonesia	395	(5.7)	296	(7.2)	99	(9.1)	91	(9.4)	m	m	m	m	
Jordan	422	(2.9)	447	(4.3)	-26	(4.5)	-15	(4.1)	20	(6.1)	13	(5.8)	
Kosovo	m	m	m	m	m	m	m	m	m	m	m	m	
Lebanon	m	m	m	m	m	m	m	m	m	m	m	m	
Lithuania	489	(2.9)	488	(12.4)	2	(13.0)	-9	(12.4)	6	(15.5)	11	(14.8)	
Macao (China)	504	(2.2)	515	(1.3)	-11	(2.6)	-17	(2.6)	-6	(3.7)	-2	(3.8)	
Malta	m	m	m	m	m	m	m	m	m	m	m	m	
Moldova	m	m	m	m	m	m	m	m	m	m	m	m	
Montenegro	411	(1.2)	428	(5.6)	-17	(5.9)	-19	(6.0)	6	(8.2)	12	(8.1)	
Peru	m	m	m	m	m	m	m	m	m	m	m	m	
Qatar	330	(1.1)	388	(1.9)	-58	(2.4)	-58	(2.4)	-24	(3.0)	-19	(3.0)	
Romania	418	(4.2)	c	c	m	m	m	m	m	m	m	m	
Russia	481	(3.8)	468	(5.6)	14	(6.0)	9	(4.9)	-4	(8.8)	-4	(8.0)	
Singapore	m	m	m	m	m	m	m	m	m	m	m	m	
Chinese Taipei	535	(3.5)	485	(16.0)	50	(16.0)	49	(14.4)	m	m	m	m	
Thailand	422	(2.1)	c	c	m	c	m	c	m	m	m	m	
Trinidad and Tobago	m	m	m	m	m	m	m	m	m	m	m	m	
Tunisia	387	(2.9)	316	(12.8)	71	(12.7)	70	(12.6)	-21	(16.4)	-20	(16.2)	
United Arab Emirates	m	m	m	m	m	m	m	m	m	m	m	m	
Uruguay	430	(2.7)	c	c	m	m	m	m	m	m	m	m	
Viet Nam	m	m	m	m	m	m	m	m	m	m	m	m	
Argentina**	393	(6.2)	379	(9.5)	14	(9.4)	-8	(9.2)	0	(11.0)	6	(10.8)	
Kazakhstan**	m	m	m	m	m	m	m	m	m	m	m	m	
Malaysia**	m	m	m	m	m	m	m	m	m	m	m	m	

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

For Switzerland, the increase in the weighted share of students with an immigrant background between previous rounds of PISA and PISA 2015 samples is larger than the corresponding shift in the target population according to official statistics for this country.

* See note at the beginning of this Annex.

** Coverage is too small to ensure comparability (see Annex A4).

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[Part 1/1]

Table B2.I.6 Mean score and variation in student performance in reading

	Mean score		Standard deviation		Percentiles														
	Mean	S.E.	S.D.	S.E.	5th		10th		25th		Median (50th)		75th		90th		95th		
					Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.	Score	S.E.			
OECD	Belgium																		
	Flemish community*		101 (1.9)		331 (5.3)		369 (5.2)		442 (4.6)		521 (3.1)		586 (2.9)		634 (3.1)		661 (3.3)		
	French community		98 (2.1)		315 (7.5)		350 (7.0)		416 (6.4)		491 (6.3)		557 (4.6)		605 (3.8)		631 (4.0)		
	German-speaking community		85 (3.4)		343 (13.5)		383 (9.0)		447 (7.1)		509 (6.4)		562 (6.8)		606 (9.0)		628 (10.7)		
	Canada																		
	Alberta		91 (2.1)		377 (8.6)		412 (7.5)		474 (6.3)		538 (5.8)		597 (6.1)		647 (5.8)		675 (7.5)		
	British Columbia		90 (2.6)		381 (8.7)		419 (7.6)		477 (6.1)		539 (6.2)		597 (7.0)		648 (7.1)		678 (6.9)		
	Manitoba		91 (2.7)		345 (8.8)		378 (7.5)		436 (6.8)		502 (6.2)		563 (5.3)		613 (6.4)		642 (7.4)		
	New Brunswick		90 (2.9)		350 (11.0)		383 (12.0)		444 (7.8)		510 (6.1)		570 (5.4)		619 (6.3)		645 (7.0)		
	Newfoundland and Labrador		87 (2.3)		353 (9.7)		387 (7.5)		448 (4.9)		508 (4.2)		567 (5.4)		616 (6.8)		641 (7.3)		
	Nova Scotia		89 (2.6)		366 (9.4)		401 (8.4)		458 (5.9)		521 (5.3)		579 (5.3)		628 (6.5)		657 (8.6)		
	Ontario		94 (2.1)		364 (7.1)		401 (6.2)		465 (5.5)		532 (4.7)		593 (4.7)		645 (4.5)		675 (5.8)		
	Prince Edward Island		85 (4.0)		367 (20.6)		404 (10.4)		461 (8.7)		518 (8.2)		575 (8.4)		622 (9.8)		648 (14.1)		
	Quebec		92 (2.7)		368 (9.0)		410 (7.7)		474 (5.9)		538 (5.5)		596 (5.1)		644 (5.7)		672 (7.0)		
	Saskatchewan		86 (2.1)		355 (7.3)		384 (5.9)		437 (5.4)		497 (4.2)		556 (4.7)		605 (4.5)		633 (5.8)		
	Italy																		
	Bolzano		84 (1.8)		359 (8.8)		392 (8.9)		446 (8.8)		508 (8.9)		563 (8.5)		609 (10.7)		636 (9.7)		
	Campania		92 (3.2)		305 (9.8)		338 (7.5)		391 (6.1)		454 (6.6)		517 (7.5)		576 (9.2)		608 (9.2)		
	Lombardia		91 (2.7)		346 (8.5)		382 (8.2)		445 (6.2)		510 (5.3)		570 (5.1)		618 (5.2)		646 (7.0)		
	Trento		84 (1.9)		362 (7.8)		400 (6.1)		459 (4.0)		518 (4.3)		572 (3.9)		614 (4.1)		637 (6.4)		
	Portugal																		
	Região Autónoma dos Açores		90 (2.0)		324 (5.5)		352 (5.1)		404 (3.6)		470 (3.6)		533 (3.8)		586 (5.2)		618 (7.8)		
	Spain																		
	Andalusia*		92 (1.9)		322 (8.2)		356 (5.9)		416 (6.1)		483 (5.1)		545 (4.7)		595 (5.2)		623 (5.2)		
	Aragon*		87 (2.2)		351 (7.4)		386 (7.8)		451 (7.7)		513 (7.1)		569 (7.2)		613 (6.8)		640 (7.8)		
	Asturias*		89 (2.0)		341 (7.4)		376 (7.9)		441 (8.0)		504 (6.4)		560 (6.6)		606 (7.5)		634 (9.2)		
	Balearic Islands*		87 (2.2)		334 (8.3)		369 (8.7)		427 (8.9)		489 (7.6)		546 (8.7)		594 (9.5)		620 (9.1)		
	Basque Country*		88 (1.7)		340 (7.6)		373 (6.4)		433 (5.8)		496 (4.8)		553 (5.1)		602 (5.8)		629 (5.8)		
	Canary Islands*		91 (1.9)		329 (5.7)		361 (6.5)		419 (5.2)		486 (4.6)		549 (5.3)		598 (4.8)		626 (6.6)		
	Cantabria*		87 (1.9)		349 (7.6)		383 (7.1)		443 (6.4)		507 (5.9)		563 (5.9)		609 (6.3)		634 (6.0)		
	Castile and Leon*		83 (1.9)		378 (8.2)		413 (6.4)		468 (5.0)		525 (4.5)		579 (5.4)		625 (4.7)		651 (7.0)		
	Castile-La Mancha*		85 (2.1)		351 (7.5)		387 (5.6)		442 (5.0)		504 (4.9)		559 (4.6)		607 (5.3)		633 (5.9)		
	Catalonia*		87 (2.0)		345 (9.5)		381 (7.4)		442 (6.3)		507 (4.8)		561 (4.9)		607 (5.1)		633 (5.3)		
	Comunidad Valenciana*		84 (2.1)		355 (6.3)		386 (6.2)		444 (5.1)		503 (3.8)		558 (5.2)		604 (5.0)		630 (5.7)		
	Extremadura*		91 (2.0)		319 (9.1)		354 (6.9)		414 (5.7)		479 (4.5)		541 (4.4)		589 (5.4)		616 (6.9)		
	Galicia*		88 (2.2)		351 (9.2)		389 (8.7)		452 (6.0)		517 (4.8)		573 (4.8)		616 (5.4)		641 (7.5)		
	La Rioja*		91 (2.2)		329 (11.9)		369 (11.0)		433 (10.0)		498 (9.7)		556 (9.7)		601 (10.7)		628 (13.6)		
	Madrid*		86 (2.4)		368 (10.1)		404 (5.7)		464 (5.5)		527 (4.9)		582 (4.7)		625 (5.9)		651 (5.9)		
	Murcia*		88 (1.9)		333 (8.8)		368 (6.9)		426 (5.1)		491 (5.6)		550 (5.5)		597 (6.8)		622 (5.8)		
	Navarre*		84 (2.2)		368 (8.5)		401 (8.0)		459 (5.2)		519 (6.1)		574 (6.2)		618 (6.8)		644 (6.5)		
	United Kingdom																		
	England		98 (1.3)		335 (5.1)		371 (4.8)		433 (3.8)		502 (3.7)		568 (3.5)		625 (4.1)		657 (4.7)		
	Northern Ireland		84 (2.0)		356 (7.0)		385 (6.1)		439 (5.0)		499 (5.2)		557 (5.7)		605 (5.3)		632 (6.8)		
	Scotland		91 (1.6)		340 (6.0)		373 (4.5)		431 (3.1)		497 (2.5)		557 (2.9)		608 (3.6)		637 (5.1)		
	Wales		85 (1.5)		337 (5.6)		368 (4.2)		419 (4.2)		477 (3.4)		536 (3.8)		588 (5.1)		615 (5.9)		
	United States																		
	Massachusetts*		94 (2.4)		363 (8.8)		400 (7.4)		467 (7.7)		532 (6.7)		593 (6.5)		644 (6.6)		673 (7.7)		
	North Carolina*		96 (2.2)		342 (8.1)		373 (6.4)		433 (6.7)		502 (6.9)		569 (6.6)		624 (5.4)		652 (5.5)		
	Puerto Rico*		96 (3.3)		257 (10.6)		287 (9.5)		343 (8.5)		406 (8.3)		476 (8.4)		537 (10.8)		572 (10.6)		
Partners	Colombia																		
	Bogotá		83 (2.4)		329 (7.7)		363 (6.5)		414 (4.6)		470 (5.4)		527 (6.9)		576 (7.3)		602 (7.3)		
	Cali		84 (2.5)		296 (7.0)		323 (5.5)		372 (5.5)		432 (6.0)		492 (8.3)		544 (8.0)		573 (8.2)		
	Manizales		83 (2.3)		312 (7.3)		342 (5.2)		392 (6.0)		450 (4.9)		507 (5.8)		557 (8.7)		584 (8.6)		
	Medellín		88 (2.4)		308 (8.2)		338 (7.3)		388 (5.9)		451 (6.6)		515 (6.1)		566 (5.8)		593 (6.8)		
	United Arab Emirates																		
	Abu Dhabi*		103 (2.1)		251 (5.6)		285 (6.3)		346 (6.1)		419 (5.9)		491 (6.1)		554 (6.4)		588 (6.2)		
	Ajman		96 (3.8)		243 (13.7)		274 (11.2)		334 (9.4)		404 (6.5)		469 (6.7)		527 (6.4)		553 (7.7)		
	Dubai*		106 (2.0)		288 (5.2)		330 (4.0)		405 (2.7)		484 (2.3)		553 (2.6)		606 (4.1)		636 (5.0)		
	Fujairah		99 (4.9)		242 (7.2)		272 (8.6)		330 (6.5)		394 (8.4)		463 (10.2)		525 (14.5)		566 (17.8)		
	Ras Al Khaimah		93 (4.8)		242 (14.9)		273 (9.5)		327 (9.9)		389 (11.2)		455 (13.0)		513 (15.5)		545 (17.5)		
	Sharjah		98 (4.4)		266 (14.8)		304 (13.5)		369 (12.2)		439 (10.7)		504 (12.4)		563 (12.6)		593 (11.5)		
	Umm Al Quwain		93 (3.7)		239 (11.8)		269 (11.6)		317 (7.0)		380 (8.1)		450 (8.2)		512 (11.9)		547 (13.7)		

* PISA adjudicated region.

Notes: Results for the province of Quebec in this table should be treated with caution due to a possible non-response bias.

For Massachusetts and North Carolina, the desired target population covers 15-year-old students in grade 7 or above in public schools only (see Annex A2).

Puerto Rico is an unincorporated territory of the United States. As such, PISA results for the United States do not include Puerto Rico.

See Table I.4.3 for national data.

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[Part 1/1]

Table B2.I.63 Students' career expectations

Results based on students' self-reports

		PISA 2015											
		Students who expect to work in science-related occupations ¹ at age 30								Students who expect to work in other occupations at age 30		Students with vague career expectations or whose answer is missing or invalid (undecided, does not know...) ²	
		Science and engineering professionals		Health professionals		Information and communication technology professionals		Science-related technicians and associate professionals					
		%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD	Belgium												
	Flemish community*	m	m	m	m	m	m	m	m	m	m	m	m
	French community	8.6	(0.6)	12.5	(0.8)	3.0	(0.3)	0.5	(0.1)	60.0	(1.4)	15.5	(0.7)
	German-speaking community	8.6	(1.4)	8.1	(1.3)	2.2	(0.8)	0.2	(0.2)	60.9	(2.2)	19.9	(1.9)
	Canada												
	Alberta	14.4	(0.9)	16.2	(0.8)	1.4	(0.3)	0.9	(0.2)	43.7	(1.5)	23.4	(1.1)
	British Columbia	12.3	(0.9)	19.1	(1.1)	2.0	(0.4)	0.4	(0.1)	43.9	(1.4)	22.3	(1.4)
	Manitoba	9.7	(0.7)	19.6	(0.9)	1.4	(0.3)	0.4	(0.2)	45.0	(1.2)	23.9	(1.0)
	New Brunswick	11.0	(1.1)	19.5	(0.9)	1.1	(0.3)	1.1	(0.3)	48.5	(1.5)	18.8	(1.3)
	Newfoundland and Labrador	13.0	(0.9)	22.4	(1.3)	0.9	(0.3)	0.8	(0.3)	43.1	(1.5)	19.8	(1.4)
	Nova Scotia	8.4	(0.8)	21.3	(1.0)	1.4	(0.3)	1.0	(0.3)	41.6	(1.3)	26.3	(1.3)
	Ontario	12.1	(0.7)	19.5	(0.9)	2.6	(0.3)	0.6	(0.1)	47.3	(1.0)	18.0	(0.9)
	Prince Edward Island	8.7	(1.6)	23.2	(2.4)	2.1	(0.9)	1.1	(0.6)	44.8	(3.3)	20.0	(2.7)
Quebec	12.0	(0.8)	19.5	(1.0)	1.7	(0.3)	0.3	(0.1)	43.7	(1.8)	22.8	(1.9)	
Saskatchewan	9.8	(0.8)	19.4	(0.9)	1.7	(0.3)	0.7	(0.2)	46.0	(1.5)	22.4	(1.2)	
Italy													
Bolzano	4.7	(0.4)	8.6	(0.6)	1.4	(0.2)	2.3	(0.3)	59.7	(1.2)	23.2	(1.1)	
Campania	8.5	(1.1)	12.1	(1.3)	1.2	(0.4)	1.2	(0.4)	58.5	(2.4)	18.4	(2.1)	
Lombardia	10.3	(1.5)	9.3	(1.0)	1.6	(0.3)	2.5	(0.7)	59.6	(2.2)	16.7	(1.3)	
Trento	6.3	(0.6)	8.6	(0.7)	1.6	(0.4)	3.0	(0.5)	63.2	(1.2)	17.4	(0.9)	
Portugal													
Região Autónoma dos Açores	6.7	(0.8)	15.7	(1.1)	1.0	(0.2)	0.4	(0.2)	61.6	(1.2)	14.6	(1.0)	
Spain													
Andalusia*	8.2	(0.7)	11.7	(0.8)	3.7	(0.4)	0.5	(0.2)	66.9	(1.0)	8.9	(0.6)	
Aragon*	11.7	(1.0)	13.3	(0.7)	3.5	(0.5)	0.6	(0.2)	59.8	(1.4)	11.2	(0.8)	
Asturias*	11.8	(1.0)	12.6	(0.8)	4.7	(0.4)	0.8	(0.2)	57.1	(1.8)	12.9	(0.9)	
Balearic Islands*	9.5	(0.8)	10.8	(0.8)	4.8	(0.5)	0.3	(0.2)	61.4	(1.4)	13.2	(1.0)	
Basque Country*	14.4	(0.7)	12.4	(0.6)	2.8	(0.3)	0.4	(0.1)	51.5	(0.9)	18.5	(0.9)	
Canary Islands*	8.3	(0.7)	14.3	(1.0)	2.5	(0.4)	0.4	(0.2)	63.3	(1.2)	11.1	(0.7)	
Cantabria*	10.3	(0.8)	11.3	(0.8)	3.6	(0.4)	0.7	(0.1)	62.6	(1.2)	11.6	(0.7)	
Castile and Leon*	11.8	(0.8)	13.5	(0.8)	3.1	(0.4)	0.3	(0.1)	57.5	(1.1)	13.8	(1.0)	
Castile-La Mancha*	10.3	(0.9)	14.8	(1.0)	3.8	(0.4)	0.5	(0.2)	61.1	(1.4)	9.5	(0.9)	
Catalonia*	12.9	(0.9)	10.5	(0.8)	4.5	(0.5)	0.8	(0.2)	60.0	(1.3)	11.3	(0.9)	
Comunidad Valenciana*	10.9	(0.8)	12.7	(0.8)	4.0	(0.4)	0.4	(0.2)	61.6	(1.4)	10.5	(0.7)	
Extremadura*	9.0	(0.8)	14.4	(0.7)	3.2	(0.5)	0.4	(0.2)	62.2	(1.3)	10.8	(0.9)	
Galicia*	11.6	(0.8)	11.9	(0.7)	4.4	(0.5)	0.6	(0.1)	59.2	(1.2)	12.3	(0.9)	
La Rioja*	9.8	(0.7)	10.6	(0.9)	4.3	(0.6)	0.0	(0.0)	60.9	(1.3)	14.3	(1.1)	
Madrid*	16.0	(0.9)	13.9	(0.6)	4.2	(0.4)	0.2	(0.1)	56.1	(1.0)	9.6	(0.9)	
Murcia*	9.9	(0.6)	13.0	(0.9)	2.9	(0.4)	0.5	(0.2)	62.3	(1.4)	11.4	(0.8)	
Navarre*	12.2	(0.9)	11.2	(0.8)	2.7	(0.5)	0.7	(0.2)	59.9	(1.4)	13.4	(0.8)	
United Kingdom													
England	13.0	(0.6)	13.8	(0.5)	2.6	(0.3)	0.3	(0.1)	53.2	(1.0)	17.1	(1.0)	
Northern Ireland	11.5	(0.6)	16.7	(0.8)	4.4	(0.5)	0.3	(0.1)	52.3	(1.0)	14.8	(0.7)	
Scotland	10.7	(0.6)	9.4	(0.5)	2.5	(0.3)	0.2	(0.1)	55.0	(1.0)	22.1	(0.7)	
Wales	12.5	(0.6)	12.7	(0.7)	2.5	(0.3)	0.2	(0.1)	54.3	(1.1)	17.7	(1.1)	
United States													
Massachusetts*	12.6	(0.9)	17.1	(1.2)	2.7	(0.5)	0.8	(0.2)	49.1	(1.7)	17.7	(1.1)	
North Carolina*	11.8	(0.9)	24.1	(1.0)	1.9	(0.4)	0.9	(0.2)	49.2	(1.2)	12.0	(0.9)	
Puerto Rico*	9.6	(0.8)	29.1	(1.6)	0.5	(0.2)	1.4	(0.4)	49.7	(2.0)	9.7	(0.8)	
Partners	Colombia												
	Bogotá	12.3	(1.1)	15.0	(0.9)	3.4	(0.4)	0.7	(0.2)	57.5	(1.7)	11.1	(2.2)
	Cali	8.2	(0.7)	22.0	(1.5)	3.8	(0.6)	1.2	(0.4)	52.5	(2.4)	12.3	(3.5)
	Manizales	16.3	(1.0)	25.5	(1.1)	4.2	(0.7)	1.1	(0.3)	43.5	(1.3)	9.4	(0.7)
	Medellín	11.3	(0.7)	23.7	(1.1)	4.4	(0.5)	0.7	(0.2)	51.5	(1.3)	8.3	(0.8)
	United Arab Emirates												
	Abu Dhabi*	23.0	(1.0)	19.2	(1.0)	1.1	(0.2)	1.6	(0.2)	43.3	(0.9)	11.9	(0.8)
	Ajman	20.7	(2.2)	18.9	(1.7)	0.7	(0.3)	0.1	(0.1)	46.4	(2.1)	13.2	(1.5)
	Dubai*	18.7	(0.7)	16.3	(0.6)	2.5	(0.3)	0.2	(0.1)	52.3	(0.8)	10.0	(0.4)
	Fujairah	24.8	(1.4)	15.3	(1.3)	0.9	(0.2)	0.2	(0.2)	47.7	(2.4)	11.0	(1.5)
	Ras Al Khaimah	25.6	(1.8)	15.7	(1.5)	0.3	(0.2)	0.1	(0.1)	49.0	(2.1)	9.3	(1.1)
	Sharjah	20.0	(1.5)	18.1	(1.6)	1.2	(0.3)	0.0	c	52.3	(1.5)	8.4	(1.4)
	Umm Al Quwain	20.9	(2.1)	13.8	(1.8)	0.3	(0.3)	0.0	c	54.1	(2.5)	10.8	(1.6)

* PISA adjudicated region.

1. See Annex A1 for the list of science-related occupations.

2. Students who did not reach this question in their questionnaire are not included here.

Notes: Results for the province of Quebec in this table should be treated with caution due to a possible non-response bias.

For Massachusetts and North Carolina, the desired target population covers 15-year-old students in grade 7 or above in public schools only (see Annex A2).

Puerto Rico is an unincorporated territory of the United States. As such, PISA results for the United States do not include Puerto Rico.

See Table I.3.10a for national data.

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[Part 1/2]

Table B2.1.64 Students expecting to work in science-related occupations,¹ by gender and performance in science*Results based on students' self-reports*

	Students who expect to work in science-related occupations at age 30															
	All students		Boys		Girls		Increased likelihood of boys expecting that they will work in science-related occupations		Low achievers in science (students performing below Level 2)		Moderate performers in science (students performing at Level 2 or 3)		Strong performers in science (students performing at Level 4)		Top performers in science (students performing at Level 5 or above)	
	%	S.E.	%	S.E.	%	S.E.	Relative risk	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
OECD																
Belgium																
Flemish community*	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m
French community	24.5	(1.0)	25.4	(1.6)	23.7	(1.2)	1.1	(0.1)	9.7	(1.3)	23.7	(1.2)	37.1	(2.2)	45.7	(4.5)
German-speaking community	19.2	(2.0)	17.7	(2.5)	20.7	(3.0)	0.9	(0.2)	2.6	(2.9)	13.0	(2.5)	33.3	(6.4)	c	c
Canada																
Alberta	32.9	(1.3)	31.4	(1.8)	34.4	(1.4)	0.9	(0.1)	19.2	(3.8)	28.3	(2.1)	37.4	(2.9)	46.1	(3.5)
British Columbia	33.9	(1.2)	31.4	(1.6)	36.3	(1.6)	0.9	(0.1)	19.4	(4.2)	29.1	(1.9)	38.5	(2.7)	49.4	(3.5)
Manitoba	31.1	(1.1)	26.5	(1.6)	36.0	(1.5)	0.7	(0.1)	15.8	(2.9)	32.4	(1.8)	36.6	(3.8)	43.2	(7.0)
New Brunswick	32.7	(1.4)	28.6	(2.3)	37.1	(1.6)	0.8	(0.1)	13.8	(2.9)	32.0	(2.0)	40.3	(4.0)	54.2	(7.3)
Newfoundland and Labrador	37.1	(1.2)	34.5	(1.7)	39.7	(2.1)	0.9	(0.1)	16.7	(3.2)	35.4	(1.9)	49.2	(4.0)	56.8	(6.7)
Nova Scotia	32.1	(1.2)	24.4	(1.6)	39.7	(1.6)	0.6	(0.0)	15.8	(3.4)	31.4	(1.8)	38.1	(3.0)	43.0	(4.5)
Ontario	34.8	(1.1)	31.0	(1.4)	38.6	(1.4)	0.8	(0.0)	16.9	(2.1)	30.8	(1.4)	44.1	(1.9)	50.4	(3.0)
Prince Edward Island	35.2	(2.6)	24.0	(3.5)	46.7	(4.0)	0.5	(0.1)	12.6	(5.1)	31.0	(4.0)	50.3	(8.7)	55.0	(11.7)
Quebec	33.5	(1.4)	34.5	(2.0)	32.6	(1.7)	1.1	(0.1)	19.1	(3.1)	27.4	(1.5)	39.8	(2.5)	51.6	(3.4)
Saskatchewan	31.6	(1.1)	25.4	(1.8)	38.5	(1.9)	0.7	(0.1)	23.4	(3.7)	30.2	(1.7)	39.3	(3.7)	45.4	(6.6)
Italy																
Bolzano	17.0	(0.7)	19.0	(1.1)	15.3	(1.0)	1.2	(0.1)	8.5	(2.2)	13.8	(1.1)	24.4	(2.4)	30.3	(5.6)
Campania	23.0	(1.8)	25.4	(2.1)	20.5	(2.0)	1.2	(0.1)	11.0	(2.1)	27.0	(2.3)	43.2	(4.6)	57.0	(10.1)
Lombardia	23.7	(2.1)	26.4	(2.8)	21.0	(2.2)	1.3	(0.2)	8.3	(2.0)	21.4	(2.5)	35.5	(3.5)	41.9	(5.5)
Trento	19.5	(1.0)	21.7	(1.5)	17.4	(1.2)	1.2	(0.1)	7.9	(2.3)	15.5	(1.4)	28.8	(2.9)	44.0	(7.0)
Portugal																
Região Autónoma dos Açores	23.7	(1.2)	19.8	(1.5)	27.4	(1.7)	0.7	(0.1)	11.6	(2.0)	23.3	(2.0)	42.6	(5.5)	53.9	(7.7)
Spain																
Andalusia*	24.1	(1.1)	24.7	(1.5)	23.6	(1.5)	1.0	(0.1)	13.4	(1.8)	22.4	(1.4)	41.0	(3.4)	63.6	(6.8)
Aragon*	29.0	(1.3)	29.6	(1.8)	28.3	(1.5)	1.0	(0.1)	17.0	(2.8)	24.9	(1.8)	40.2	(2.8)	52.4	(5.3)
Asturias*	30.0	(1.4)	31.5	(2.0)	28.4	(1.8)	1.1	(0.1)	9.4	(2.1)	28.0	(1.9)	43.6	(3.8)	56.5	(5.9)
Balearic Islands*	25.4	(1.4)	27.0	(1.8)	23.7	(1.4)	1.1	(0.1)	14.7	(2.8)	23.2	(1.6)	39.7	(3.4)	51.5	(6.3)
Basque Country*	30.0	(0.8)	32.6	(1.4)	27.5	(0.9)	1.2	(0.1)	14.3	(1.7)	28.3	(1.0)	50.4	(2.4)	57.1	(5.7)
Canary Islands*	25.6	(1.3)	24.4	(1.5)	26.8	(1.7)	0.9	(0.1)	14.2	(2.1)	25.3	(1.6)	40.3	(3.7)	43.3	(7.8)
Cantabria*	25.8	(1.1)	25.9	(1.6)	25.7	(1.6)	1.0	(0.1)	11.5	(2.1)	21.6	(1.6)	44.0	(3.3)	54.4	(7.0)
Castile and Leon*	28.7	(1.1)	29.0	(1.4)	28.4	(1.6)	1.0	(0.1)	14.1	(3.5)	24.3	(1.6)	39.6	(2.8)	45.2	(5.3)
Castile-La Mancha*	29.4	(1.4)	30.0	(1.9)	28.9	(1.4)	1.0	(0.1)	14.0	(2.6)	26.6	(1.5)	43.9	(3.1)	55.5	(5.7)
Catalonia*	28.7	(1.1)	32.2	(1.5)	25.0	(1.5)	1.3	(0.1)	18.0	(3.2)	24.2	(1.5)	40.3	(2.7)	53.0	(6.0)
Comunidad Valenciana*	27.9	(1.4)	30.7	(2.0)	25.0	(1.8)	1.2	(0.1)	9.9	(2.2)	25.4	(1.7)	45.1	(3.4)	59.1	(8.0)
Extremadura*	27.0	(1.2)	25.8	(1.6)	28.4	(1.6)	0.9	(0.1)	11.4	(1.9)	27.2	(1.6)	44.9	(3.5)	60.5	(7.7)
Galicia*	28.5	(1.2)	31.7	(2.0)	25.4	(1.3)	1.2	(0.1)	11.7	(2.5)	23.2	(1.4)	42.7	(2.8)	53.5	(5.5)
La Rioja*	24.8	(1.2)	26.8	(1.8)	22.6	(1.8)	1.2	(0.1)	12.7	(2.6)	21.0	(1.8)	38.7	(3.6)	47.8	(7.7)
Madrid*	34.3	(1.1)	37.9	(1.7)	30.7	(1.5)	1.2	(0.1)	18.8	(3.3)	27.9	(1.9)	47.3	(2.8)	60.5	(4.4)
Murcia*	26.3	(1.3)	26.3	(1.6)	26.3	(1.5)	1.0	(0.1)	10.9	(1.7)	23.2	(1.7)	47.6	(4.0)	61.5	(7.4)
Navarre*	26.7	(1.1)	28.8	(1.4)	24.6	(1.4)	1.2	(0.1)	12.7	(2.7)	22.6	(1.4)	37.6	(2.8)	49.0	(5.3)
United Kingdom																
England	29.7	(0.9)	29.1	(1.3)	30.3	(1.3)	1.0	(0.1)	19.5	(1.6)	27.6	(1.3)	34.9	(1.7)	43.4	(2.4)
Northern Ireland	32.9	(1.0)	32.2	(1.4)	33.7	(1.3)	1.0	(0.1)	15.7	(2.2)	29.9	(1.3)	47.2	(2.7)	59.4	(4.4)
Scotland	22.8	(0.8)	24.7	(1.2)	20.9	(1.0)	1.2	(0.1)	10.4	(1.4)	19.7	(1.1)	36.4	(2.6)	42.0	(4.7)
Wales	27.9	(0.9)	27.4	(1.0)	28.5	(1.2)	1.0	(0.0)	16.8	(1.6)	26.8	(1.2)	39.1	(3.0)	50.7	(4.8)
United States																
Massachusetts*	33.2	(1.3)	30.2	(1.5)	36.2	(1.8)	0.8	(0.0)	19.7	(3.2)	30.3	(1.8)	38.1	(2.7)	44.9	(3.9)
North Carolina*	38.8	(1.4)	31.2	(1.7)	46.3	(1.8)	0.7	(0.0)	26.7	(3.1)	38.7	(2.0)	43.9	(3.4)	49.6	(5.2)
Puerto Rico*	40.6	(2.1)	33.9	(2.4)	47.3	(2.6)	0.7	(0.1)	34.3	(2.3)	47.5	(2.8)	55.7	(7.8)	c	c
Partners																
Colombia																
Bogotá	31.4	(1.3)	30.0	(2.3)	32.6	(1.5)	0.9	(0.1)	28.1	(2.4)	32.7	(1.9)	31.0	(4.5)	c	c
Cali	35.2	(1.9)	31.2	(1.9)	38.9	(2.8)	0.8	(0.1)	33.6	(2.5)	36.2	(2.4)	41.0	(6.5)	c	c
Manizales	47.1	(1.4)	45.4	(1.7)	48.8	(2.3)	0.9	(0.1)	43.0	(2.3)	49.5	(2.2)	49.6	(7.9)	c	c
Medellin	40.1	(1.3)	35.8	(1.6)	44.3	(1.9)	0.8	(0.0)	38.4	(2.0)	41.3	(1.8)	41.7	(5.0)	c	c
United Arab Emirates																
Abu Dhabi*	44.8	(1.0)	43.5	(1.6)	46.1	(1.3)	0.9	(0.0)	33.3	(1.3)	53.0	(1.7)	63.6	(4.4)	71.0	(7.0)
Ajman	40.4	(2.1)	41.6	(2.4)	39.3	(2.9)	1.1	(0.1)	31.1	(2.8)	49.9	(3.9)	c	c	c	c
Dubai*	37.7	(0.8)	38.1	(1.0)	37.4	(1.1)	1.0	(0.0)	24.6	(1.3)	39.8	(1.2)	46.0	(2.5)	52.3	(4.5)
Fujairah	41.3	(1.8)	35.9	(3.0)	46.2	(2.5)	0.8	(0.1)	29.8	(2.1)	53.5	(3.1)	80.2	(7.5)	c	c
Ras Al Khaimah	41.7	(2.1)	36.1	(3.0)	47.0	(3.4)	0.8	(0.1)	32.7	(2.5)	51.6	(2.9)	75.5	(9.9)	c	c
Sharjah	39.3	(1.1)	36.5	(2.2)	41.8	(2.2)	0.9	(0.1)	30.8	(2.7)	43.6	(2.5)	53.5	(8.5)	c	c
Umm Al Quwain	35.0	(2.5)	32.4	(3.5)	37.6	(3.2)	0.9	(0.1)	28.3	(3.1)	45.4	(5.5)	c	c	c	c

* PISA adjudicated region.

1. See Annex A1 for the list of science-related occupations.


Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Results for the province of Quebec in this table should be treated with caution due to a possible non-response bias.

For Massachusetts and North Carolina, the desired target population covers 15-year-old students in grade 7 or above in public schools only (see Annex A2).

Puerto Rico is an unincorporated territory of the United States. As such, PISA results for the United States do not include Puerto Rico.

See Table I.3.10b for national data.

StatLink  <http://dx.doi.org/10.1787/88893343235>



[Part 2/2]

Table B2.1.64 Students expecting to work in science-related occupations,¹ by gender and performance in science

Results based on students' self-reports

		Students who expect to work in science-related occupations at age 30									
		Increased likelihood of top performers in science expecting that they will work in science-related occupations		Students whose parents have not completed secondary education		Students whose parents attained secondary education as their highest level of education		Students whose father or mother completed tertiary education		Increased likelihood of students with at least one tertiary-educated parent expecting that they will work in science-related occupations	
		Relative risk	S.E.	%	S.E.	%	S.E.	%	S.E.	Relative risk	S.E.
OECD	Belgium										
	Flemish community*	m	m	m	m	m	m	m	m	m	m
	French community	2.0	(0.2)	23.5	(2.7)	19.6	(1.6)	27.1	(1.2)	1.3	(0.1)
	German-speaking community	c	c	5.3	(3.7)	15.4	(3.6)	23.0	(2.8)	1.8	(0.5)
Canada	Alberta	1.5	(0.1)	12.5	(4.6)	24.4	(2.0)	36.9	(1.6)	1.6	(0.1)
	British Columbia	1.6	(0.1)	21.2	(5.8)	29.4	(2.8)	36.5	(1.2)	1.3	(0.1)
	Manitoba	1.4	(0.2)	6.9	(2.9)	24.7	(1.9)	35.8	(1.4)	1.6	(0.1)
	New Brunswick	1.8	(0.3)	17.5	(5.6)	23.7	(2.9)	36.2	(1.7)	1.6	(0.2)
	Newfoundland and Labrador	1.6	(0.2)	c	c	30.8	(3.0)	41.5	(1.5)	1.4	(0.1)
	Nova Scotia	1.4	(0.2)	20.8	(4.9)	21.9	(2.5)	37.7	(1.6)	1.7	(0.2)
	Ontario	1.5	(0.1)	28.4	(5.8)	27.0	(2.2)	37.1	(1.2)	1.4	(0.1)
	Prince Edward Island	1.7	(0.4)	c	c	35.3	(6.7)	35.1	(2.8)	1.0	(0.2)
	Quebec	1.7	(0.1)	19.5	(5.0)	23.9	(2.6)	37.8	(1.4)	1.6	(0.2)
	Saskatchewan	1.5	(0.2)	28.8	(8.1)	27.3	(2.1)	35.0	(1.4)	1.3	(0.1)
	Italy	Bolzano	1.9	(0.4)	10.7	(2.4)	15.1	(1.0)	22.0	(1.6)	1.5
Campania		2.5	(0.5)	17.6	(3.3)	24.7	(2.2)	28.7	(2.0)	1.3	(0.1)
Lombardia		1.9	(0.3)	14.0	(3.0)	25.6	(2.9)	26.5	(2.1)	1.2	(0.1)
Trento		2.5	(0.5)	14.7	(3.0)	20.8	(1.6)	20.5	(1.6)	1.0	(0.1)
Portugal	Região Autónoma dos Açores	2.4	(0.4)	19.4	(1.6)	29.1	(3.0)	30.2	(3.0)	1.4	(0.2)
Spain	Andalusia*	2.8	(0.4)	19.2	(1.7)	24.1	(2.0)	29.2	(1.8)	1.4	(0.1)
	Aragon*	1.9	(0.2)	20.9	(2.4)	28.4	(1.9)	32.1	(1.7)	1.3	(0.1)
	Asturias*	2.0	(0.2)	18.0	(2.7)	33.3	(2.6)	33.5	(1.6)	1.3	(0.1)
	Balearic Islands*	2.1	(0.3)	20.7	(2.2)	25.4	(2.7)	28.0	(1.8)	1.2	(0.1)
	Basque Country*	2.0	(0.2)	22.2	(1.9)	26.8	(1.9)	33.0	(0.9)	1.3	(0.1)
	Canary Islands*	1.7	(0.3)	21.2	(2.3)	25.7	(2.2)	29.8	(1.7)	1.3	(0.1)
	Cantabria*	2.2	(0.3)	21.2	(2.8)	19.3	(1.5)	29.9	(1.6)	1.5	(0.1)
	Castile and Leon*	1.7	(0.2)	23.3	(2.3)	29.5	(2.8)	31.1	(1.7)	1.2	(0.1)
	Castile-La Mancha*	2.0	(0.2)	24.3	(1.9)	31.2	(2.0)	33.2	(2.0)	1.2	(0.1)
	Catalonia*	2.0	(0.3)	26.2	(2.8)	29.1	(2.5)	29.8	(1.3)	1.1	(0.1)
	Comunidad Valenciana*	2.2	(0.3)	20.8	(2.3)	26.1	(2.0)	31.9	(1.9)	1.4	(0.1)
	Extremadura*	2.3	(0.3)	19.6	(1.9)	24.4	(2.0)	34.5	(1.6)	1.6	(0.1)
	Galicia*	2.0	(0.2)	20.1	(1.8)	28.4	(2.3)	32.7	(1.5)	1.4	(0.1)
	La Rioja*	2.1	(0.4)	16.5	(2.3)	23.4	(2.5)	29.0	(1.7)	1.5	(0.1)
	Madrid*	1.9	(0.2)	22.8	(2.7)	34.4	(2.7)	36.8	(1.6)	1.3	(0.1)
	Murcia*	2.5	(0.3)	19.5	(1.3)	27.1	(2.5)	31.6	(2.1)	1.4	(0.1)
	Navarre*	2.0	(0.2)	24.5	(3.0)	23.0	(2.6)	28.6	(1.3)	1.2	(0.1)
United Kingdom	England	1.6	(0.1)	37.0	(4.2)	26.9	(1.1)	32.5	(1.2)	1.2	(0.1)
	Northern Ireland	1.9	(0.2)	26.9	(6.5)	30.5	(1.5)	37.3	(1.3)	1.2	(0.1)
	Scotland	2.0	(0.2)	17.1	(3.1)	21.3	(1.7)	25.1	(1.1)	1.2	(0.1)
	Wales	1.9	(0.2)	18.9	(4.7)	26.3	(1.5)	31.1	(1.0)	1.2	(0.1)
United States	Massachusetts*	1.4	(0.2)	29.8	(5.2)	28.6	(2.0)	35.5	(1.6)	1.2	(0.1)
	North Carolina*	1.3	(0.2)	29.4	(4.7)	36.1	(2.9)	41.1	(1.3)	1.2	(0.1)
	Puerto Rico*	c	c	29.8	(7.8)	33.7	(2.2)	45.4	(2.4)	1.4	(0.1)
Partners	Colombia										
	Bogotá	c	c	29.5	(4.5)	32.6	(2.4)	32.9	(1.7)	1.0	(0.1)
	Cali	c	c	37.5	(4.8)	39.6	(2.4)	36.5	(1.7)	0.9	(0.1)
	Manizales	c	c	42.0	(4.5)	47.1	(2.7)	48.5	(1.7)	1.1	(0.1)
	Medellín	c	c	38.5	(4.1)	41.5	(1.5)	40.5	(1.8)	1.0	(0.1)
United Arab Emirates	Abu Dhabi*	1.6	(0.2)	34.3	(3.6)	39.8	(2.0)	48.8	(1.1)	1.3	(0.1)
	Ajman	c	c	36.8	(6.9)	32.3	(3.9)	45.9	(2.5)	1.4	(0.2)
	Dubai*	1.4	(0.1)	27.1	(3.2)	34.5	(2.2)	39.4	(0.8)	1.2	(0.1)
	Fujairah	c	c	32.0	(5.9)	37.9	(3.2)	46.7	(2.8)	1.3	(0.1)
	Ras Al Khaimah	c	c	33.4	(5.9)	37.2	(3.4)	45.1	(2.5)	1.2	(0.1)
	Sharjah	c	c	31.5	(6.1)	38.0	(1.9)	41.3	(1.6)	1.1	(0.1)
	Umm Al Quwain	c	c	37.1	(7.0)	32.8	(4.3)	36.6	(3.0)	1.1	(0.1)

* PISA adjudicated region.

1. See Annex A1 for the list of science-related occupations.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Results for the province of Quebec in this table should be treated with caution due to a possible non-response bias.

For Massachusetts and North Carolina, the desired target population covers 15-year-old students in grade 7 or above in public schools only (see Annex A2).

Puerto Rico is an unincorporated territory of the United States. As such, PISA results for the United States do not include Puerto Rico.

See Table I.3.10b for national data.

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[Part 1/1]

Table B2.1.66 Socio-economic status and science performance

Results based on students' self-reports

	Unadjusted science score		Science score adjusted by ESCS ¹		Percentage of variance in student performance in science explained by ESCS (strength of the socio-economic gradient)		Score-point difference in science associated with a one-unit increase in ESCS (slope of the socio-economic gradient)		Performance in science, by socio-economic status										
									Bottom quarter of ESCS		Second quarter of ESCS		Third quarter of ESCS		Top quarter of ESCS		Difference in science performance between students in the top quarter and students in the bottom quarter of ESCS		
	Mean score	S.E.	Mean score	S.E.	%	S.E.	Score dif.	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.	Score dif.	S.E.	
OECD	Belgium																		
	Flemish community*	515 (2.6)	505 (2.2)	17.6 (1.5)	48 (2.4)	463 (3.8)	493 (4.1)	539 (3.4)	571 (3.6)	108 (5.2)									
	French community	485 (4.5)	484 (3.2)	20.4 (2.0)	46 (2.3)	433 (5.6)	471 (6.6)	500 (6.4)	545 (5.2)	112 (6.8)									
	German-speaking community	505 (4.8)	500 (5.0)	5.7 (2.4)	25 (5.4)	481 (9.0)	498 (9.4)	509 (10.8)	535 (9.7)	54 (12.5)									
	Canada																		
	Alberta	541 (4.0)	523 (4.2)	7.4 (1.4)	31 (3.0)	513 (6.3)	528 (5.5)	550 (5.9)	576 (5.5)	63 (7.2)									
	British Columbia	539 (4.3)	521 (4.3)	8.0 (1.7)	32 (3.6)	511 (5.7)	521 (7.4)	552 (8.0)	577 (6.8)	67 (8.1)									
	Manitoba	499 (4.7)	490 (4.9)	8.0 (1.8)	29 (3.1)	468 (7.2)	493 (8.3)	507 (6.1)	533 (5.4)	65 (8.0)									
	New Brunswick	506 (4.5)	497 (4.7)	7.3 (2.1)	29 (4.5)	475 (9.0)	499 (7.9)	509 (5.9)	544 (5.9)	70 (11.0)									
	Newfoundland and Labrador	506 (3.2)	498 (3.4)	7.0 (1.9)	27 (3.7)	473 (7.1)	501 (6.9)	521 (6.6)	532 (6.2)	58 (9.1)									
	Nova Scotia	517 (4.5)	508 (4.1)	6.5 (1.6)	27 (3.0)	491 (5.1)	508 (8.6)	532 (6.5)	548 (7.0)	57 (7.7)									
	Ontario	524 (3.9)	506 (3.2)	8.3 (1.3)	34 (2.9)	487 (5.0)	517 (4.4)	540 (4.8)	558 (6.0)	70 (6.3)									
	Prince Edward Island	515 (5.4)	506 (5.7)	2.8 (2.1)	18 (6.8)	493 (8.8)	515 (12.3)	525 (10.6)	527 (12.9)	34 (16.1)									
	Quebec	537 (4.7)	520 (3.8)	11.2 (1.9)	36 (3.3)	495 (6.0)	529 (5.3)	553 (7.7)	573 (6.3)	78 (7.5)									
	Saskatchewan	496 (3.1)	488 (3.5)	5.8 (1.4)	25 (2.9)	470 (6.6)	493 (5.7)	497 (5.3)	524 (5.5)	54 (7.9)									
	Italy																		
	Bolzano	515 (2.5)	516 (2.5)	6.0 (1.2)	26 (2.6)	489 (4.4)	512 (4.9)	519 (4.6)	544 (4.3)	55 (5.7)									
	Campania	445 (5.0)	454 (5.1)	12.2 (2.3)	30 (3.2)	409 (6.3)	441 (7.3)	447 (6.7)	491 (8.2)	82 (9.4)									
	Lombardia	503 (5.0)	503 (4.5)	10.2 (2.0)	30 (3.0)	466 (5.7)	497 (7.5)	506 (6.6)	542 (7.6)	76 (9.6)									
	Trento	511 (2.5)	512 (2.4)	7.2 (1.4)	26 (2.8)	483 (3.9)	503 (5.4)	521 (4.2)	539 (4.5)	56 (6.3)									
	Portugal																		
	Região Autónoma dos Açores	470 (2.3)	498 (3.1)	17.2 (2.0)	34 (2.3)	431 (4.6)	449 (5.4)	476 (6.0)	524 (5.4)	93 (7.2)									
	Spain																		
	Andalusia*	473 (4.1)	497 (3.9)	13.1 (2.0)	27 (2.2)	438 (5.8)	458 (6.9)	477 (5.8)	521 (6.2)	83 (7.3)									
	Aragon*	508 (4.6)	519 (4.1)	12.4 (1.7)	28 (2.0)	474 (5.6)	492 (6.6)	521 (6.8)	546 (5.8)	73 (6.4)									
	Asturias*	501 (3.9)	515 (3.3)	15.6 (2.4)	31 (2.4)	460 (5.2)	489 (5.7)	512 (4.6)	547 (8.1)	88 (9.3)									
	Balearic Islands*	485 (4.5)	501 (4.1)	9.0 (1.9)	24 (2.5)	454 (6.6)	477 (5.8)	485 (5.9)	523 (7.5)	69 (8.5)									
	Basque Country*	483 (3.0)	489 (2.8)	7.6 (1.2)	22 (1.7)	453 (3.9)	475 (4.9)	495 (4.4)	513 (4.0)	60 (4.9)									
	Canary Islands*	475 (3.6)	498 (4.2)	12.7 (2.3)	27 (2.5)	441 (5.0)	461 (5.1)	479 (5.5)	523 (7.1)	82 (8.3)									
Cantabria*	496 (5.6)	506 (4.9)	8.9 (1.9)	24 (2.5)	465 (8.1)	487 (6.8)	496 (7.1)	535 (6.3)	69 (8.0)										
Castile and Leon*	519 (3.5)	528 (3.3)	7.0 (1.3)	20 (2.0)	492 (5.6)	509 (4.7)	527 (5.5)	549 (5.2)	57 (6.4)										
Castile-La Mancha*	497 (4.0)	514 (4.4)	11.2 (2.1)	24 (2.2)	466 (4.9)	486 (5.8)	501 (5.8)	538 (7.2)	72 (7.4)										
Catalonia*	504 (4.7)	515 (3.8)	13.6 (2.0)	29 (2.3)	465 (6.2)	487 (7.3)	516 (6.6)	550 (5.7)	85 (7.9)										
Comunidad Valenciana*	494 (3.3)	507 (2.8)	10.8 (1.5)	24 (1.8)	461 (5.4)	483 (4.2)	503 (6.9)	531 (4.6)	69 (6.1)										
Extremadura*	474 (3.8)	494 (3.7)	10.8 (2.0)	24 (2.3)	438 (5.3)	466 (6.2)	481 (5.3)	513 (5.5)	75 (7.4)										
Galicia*	512 (3.1)	522 (2.9)	5.9 (1.3)	19 (2.3)	489 (5.9)	502 (5.3)	515 (5.8)	544 (5.3)	55 (7.3)										
La Rioja*	498 (5.5)	512 (5.7)	12.8 (1.9)	28 (2.2)	456 (6.8)	490 (6.5)	511 (7.9)	539 (7.6)	83 (7.4)										
Madrid*	516 (3.5)	519 (2.4)	14.4 (2.3)	28 (2.1)	475 (6.6)	501 (5.1)	533 (5.6)	555 (4.9)	81 (8.1)										
Murcia*	484 (3.8)	508 (3.7)	17.0 (1.8)	29 (1.5)	440 (4.7)	469 (5.6)	494 (6.2)	532 (5.0)	92 (5.9)										
Navarre*	512 (4.1)	521 (4.0)	12.3 (1.7)	27 (2.0)	478 (4.5)	496 (5.8)	523 (6.3)	552 (5.8)	74 (5.3)										
United Kingdom																			
England	512 (3.0)	507 (2.4)	10.8 (1.2)	38 (2.2)	475 (3.7)	492 (4.8)	529 (5.0)	561 (4.5)	86 (5.2)										
Northern Ireland	500 (2.8)	496 (2.5)	11.5 (1.7)	36 (2.9)	464 (4.3)	486 (5.4)	517 (4.8)	544 (5.5)	81 (7.3)										
Scotland	497 (2.4)	490 (2.1)	10.7 (1.4)	37 (2.7)	462 (3.6)	481 (3.7)	507 (4.0)	543 (4.9)	80 (6.0)										
Wales	485 (2.8)	483 (2.5)	5.6 (0.9)	25 (2.2)	463 (4.1)	474 (3.6)	496 (4.7)	515 (3.8)	52 (5.3)										
United States																			
Massachusetts*	529 (6.6)	523 (4.5)	14.1 (2.5)	37 (3.5)	481 (7.5)	514 (9.9)	551 (8.2)	578 (9.1)	97 (10.7)										
North Carolina*	502 (4.9)	502 (4.2)	9.2 (2.1)	29 (3.5)	470 (6.9)	486 (6.9)	508 (7.1)	548 (7.3)	78 (9.3)										
Puerto Rico*	403 (6.1)	415 (4.6)	17.8 (2.9)	41 (3.4)	366 (7.8)	378 (8.2)	410 (7.8)	458 (9.7)	92 (10.4)										
Partners	Colombia																		
	Bogotá	458 (4.8)	475 (4.0)	20.1 (4.7)	36 (4.3)	421 (4.8)	436 (5.8)	461 (7.1)	512 (14.0)	91 (14.6)									
	Cali	421 (4.6)	440 (5.2)	12.0 (3.1)	29 (4.0)	393 (4.6)	407 (5.5)	424 (8.1)	462 (10.2)	69 (11.3)									
	Manizales	434 (4.2)	452 (4.7)	14.0 (2.9)	30 (3.4)	400 (4.8)	419 (6.1)	441 (6.2)	478 (9.2)	78 (10.3)									
	Medellín	433 (4.1)	457 (4.0)	17.8 (2.6)	34 (2.7)	393 (4.6)	422 (6.0)	437 (6.5)	484 (7.8)	90 (9.0)									
	United Arab Emirates																		
	Abu Dhabi*	423 (4.5)	413 (3.8)	3.4 (1.0)	23 (3.6)	394 (4.8)	415 (5.8)	443 (5.3)	443 (7.8)	48 (8.4)									
	Ajman	402 (3.4)	397 (3.7)	3.2 (1.2)	21 (4.1)	383 (5.4)	398 (7.1)	411 (7.7)	420 (8.1)	37 (10.1)									
	Dubai*	480 (1.3)	454 (2.1)	6.3 (0.7)	40 (2.4)	438 (3.1)	483 (3.6)	496 (3.2)	507 (2.8)	69 (4.4)									
	Fujairah	401 (5.3)	397 (4.6)	0.9 (0.7)	11 (5.1)	386 (6.2)	397 (7.5)	407 (10.4)	417 (9.0)	31 (10.7)									
	Ras Al Khaimah	400 (8.5)	394 (8.7)	2.0 (1.1)	15 (4.4)	382 (10.3)	388 (10.2)	417 (11.4)	415 (9.0)	33 (10.9)									
	Sharjah	432 (9.5)	425 (7.7)	3.0 (1.9)	21 (6.8)	402 (9.3)	442 (14.3)	452 (12.4)	437 (14.8)	35 (14.2)									
Umm Al Quwain	387 (4.1)	385 (4.3)	0.6 (1.0)	8 (5.8)	375 (8.0)	375 (9.7)	412 (9.5)	388 (10.5)	14 (14.3)										

* PISA adjudicated region.

1. ESCS refers to the PISA index of economic, social and cultural status.


Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Results for the province of Quebec in this table should be treated with caution due to a possible non-response bias.

For Massachusetts and North Carolina, the desired target population covers 15-year-old students in grade 7 or above in public schools only (see Annex A2).

Puerto Rico is an unincorporated territory of the United States. As such, PISA results for the United States do not include Puerto Rico.

See Table I.6.3a for national data.

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[Part 1/2]

Table B2.1.68 Low and top performance in science, by students' socio-economic status

Results based on students' self-reports

	All students				Students in the bottom quarter of ESCS ¹				Students in the second quarter of ESCS			
	Percentage of low performers in science (below Level 2)		Percentage of top performers in science (Level 5 or above)		Percentage of low performers in science (below Level 2)		Percentage of top performers in science (Level 5 or above)		Percentage of low performers in science (below Level 2)		Percentage of top performers in science (Level 5 or above)	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.
OECD												
Belgium												
Flemish community*	17.1	(1.0)	12.0	(0.7)	30.1	(2.0)	3.4	(0.6)	21.0	(1.7)	6.9	(1.0)
French community	23.1	(1.7)	5.3	(0.6)	41.5	(3.1)	1.0	(0.5)	24.6	(3.0)	2.3	(0.7)
German-speaking community	14.2	(2.3)	6.1	(1.6)	19.2	(5.8)	2.2	(1.8)	16.6	(4.5)	4.2	(2.6)
Canada												
Alberta	8.6	(1.0)	15.9	(1.4)	12.4	(1.9)	8.7	(1.8)	10.7	(2.0)	11.5	(2.1)
British Columbia	8.7	(1.2)	14.7	(1.5)	13.3	(2.3)	7.5	(1.9)	11.5	(2.7)	11.2	(2.2)
Manitoba	17.4	(1.7)	7.1	(1.1)	26.7	(3.8)	1.7	(1.0)	18.4	(3.2)	6.7	(2.4)
New Brunswick	15.6	(1.9)	8.1	(1.1)	23.2	(4.7)	2.7	(1.5)	15.8	(3.1)	5.4	(1.8)
Newfoundland and Labrador	15.4	(1.3)	7.8	(1.0)	23.5	(3.7)	4.2	(2.0)	18.2	(2.9)	6.9	(2.6)
Nova Scotia	12.8	(1.5)	9.8	(1.2)	17.9	(2.2)	4.5	(1.5)	14.6	(2.9)	7.6	(2.3)
Ontario	12.3	(1.0)	12.1	(1.1)	20.2	(2.0)	4.8	(1.1)	11.7	(1.6)	9.5	(1.4)
Prince Edward Island	11.3	(2.1)	8.7	(2.0)	15.8	(5.0)	4.3	(2.9)	8.7	(4.0)	7.2	(4.5)
Quebec	8.5	(1.1)	12.8	(1.5)	17.9	(2.5)	4.5	(1.3)	8.3	(1.8)	9.8	(1.7)
Saskatchewan	16.7	(1.4)	6.2	(0.7)	23.3	(3.8)	2.8	(1.2)	18.2	(2.8)	5.5	(1.5)
Italy												
Bolzano	11.7	(0.9)	7.8	(1.0)	18.3	(2.3)	4.1	(1.2)	11.5	(2.2)	7.0	(1.6)
Campania	36.4	(2.5)	1.8	(0.4)	53.2	(4.4)	0.3	(0.3)	36.9	(3.7)	1.8	(0.7)
Lombardia	16.3	(1.9)	6.5	(0.9)	28.2	(3.7)	2.1	(0.8)	14.9	(3.0)	5.0	(1.6)
Trento	12.4	(0.9)	5.9	(0.7)	19.6	(1.9)	3.1	(1.2)	14.6	(2.3)	5.1	(1.7)
Portugal												
Região Autónoma dos Açores	27.7	(1.6)	4.1	(0.7)	41.9	(3.6)	0.7	(0.7)	34.0	(3.5)	1.5	(1.0)
Spain												
Andalusia*	25.4	(1.8)	3.2	(0.6)	38.0	(3.4)	0.8	(0.7)	30.3	(3.8)	1.6	(0.9)
Aragon*	14.2	(1.5)	6.6	(0.8)	24.3	(3.0)	3.0	(1.1)	16.3	(2.8)	4.0	(1.2)
Asturias*	16.3	(1.4)	5.9	(0.8)	29.3	(2.7)	2.1	(0.8)	18.5	(2.6)	4.1	(1.3)
Balearic Islands*	20.4	(1.7)	4.0	(0.8)	31.3	(3.4)	1.3	(0.5)	21.9	(2.5)	3.5	(1.1)
Basque Country*	20.2	(1.2)	3.3	(0.4)	30.2	(2.4)	0.8	(0.4)	22.5	(2.4)	2.3	(0.7)
Canary Islands*	23.8	(1.6)	3.2	(0.6)	37.2	(2.8)	1.4	(0.8)	27.3	(2.8)	1.6	(0.9)
Cantabria*	17.3	(1.9)	4.8	(1.0)	27.8	(3.9)	2.4	(1.6)	17.7	(2.8)	2.5	(1.2)
Castile and Leon*	10.2	(1.0)	8.5	(0.9)	16.5	(2.6)	3.9	(1.1)	11.3	(1.9)	6.7	(1.2)
Castile-La Mancha*	16.2	(1.5)	5.0	(0.8)	25.0	(2.7)	1.9	(0.8)	17.5	(2.7)	2.9	(1.1)
Catalonia*	15.7	(1.6)	6.7	(1.0)	26.8	(3.0)	2.0	(1.0)	20.5	(3.2)	4.3	(1.3)
Comunidad Valenciana*	15.8	(1.4)	4.1	(0.6)	26.6	(3.4)	1.3	(0.6)	16.6	(2.9)	1.6	(0.8)
Extremadura*	24.2	(1.6)	3.1	(0.5)	38.2	(3.2)	1.0	(0.5)	26.8	(3.2)	1.8	(0.8)
Galicia*	13.4	(1.3)	7.4	(0.8)	20.1	(2.6)	3.3	(1.1)	16.0	(2.3)	5.4	(1.4)
La Rioja*	17.0	(1.5)	5.9	(1.2)	31.5	(3.5)	1.9	(1.1)	16.8	(2.4)	4.2	(1.2)
Madrid*	12.2	(1.2)	7.6	(0.7)	23.9	(3.1)	3.1	(1.4)	14.3	(2.3)	4.1	(1.2)
Murcia*	21.1	(1.4)	3.9	(0.6)	38.1	(2.8)	1.4	(0.7)	24.9	(2.6)	2.2	(1.0)
Navarre*	11.9	(1.2)	6.8	(1.2)	21.6	(2.8)	2.7	(1.0)	14.2	(2.5)	3.5	(1.2)
United Kingdom												
England	17.0	(0.9)	11.7	(0.8)	25.1	(1.5)	4.7	(0.8)	21.4	(1.7)	7.0	(1.1)
Northern Ireland	17.8	(1.2)	6.8	(0.8)	29.3	(2.8)	2.7	(0.8)	21.0	(2.7)	4.5	(1.2)
Scotland	19.5	(1.0)	7.5	(0.7)	28.7	(2.2)	2.9	(0.8)	22.7	(1.8)	4.6	(0.9)
Wales	21.5	(1.1)	4.7	(0.5)	27.7	(2.2)	2.4	(0.7)	24.8	(1.9)	3.3	(1.0)
United States												
Massachusetts*	12.0	(1.6)	14.2	(1.9)	24.1	(3.4)	5.1	(1.5)	12.3	(3.1)	8.9	(2.4)
North Carolina*	18.0	(1.6)	9.2	(1.0)	26.9	(3.1)	3.9	(1.3)	20.4	(2.6)	4.8	(1.3)
Puerto Rico*	55.3	(3.1)	0.4	(0.2)	72.4	(4.0)	0.0	c	66.7	(4.4)	0.1	(0.2)
Partners												
Colombia												
Bogotá	28.1	(2.0)	1.1	(0.4)	43.0	(3.6)	0.0	(0.2)	35.9	(3.6)	0.3	(0.3)
Cali	47.0	(2.4)	0.3	(0.2)	62.0	(3.3)	0.0	(0.1)	56.0	(4.0)	0.2	(0.3)
Manizales	38.9	(2.1)	0.6	(0.3)	55.9	(3.6)	0.0	(0.4)	45.6	(4.0)	0.4	(0.6)
Medellín	40.5	(2.3)	0.6	(0.3)	61.4	(3.2)	0.1	(0.2)	45.4	(3.7)	0.2	(0.2)
United Arab Emirates												
Abu Dhabi*	47.1	(2.0)	1.8	(0.3)	58.7	(2.6)	0.2	(0.2)	51.0	(2.9)	1.3	(0.5)
Ajman	55.1	(2.0)	0.2	(0.2)	64.3	(3.3)	0.0	c	58.1	(4.4)	0.1	(0.4)
Dubai*	25.7	(0.6)	6.3	(0.5)	39.7	(1.6)	2.3	(0.7)	23.8	(1.5)	5.6	(1.2)
Fujairah	55.8	(2.7)	1.0	(0.4)	64.0	(3.7)	0.6	(0.7)	57.6	(4.2)	1.0	(0.7)
Ras Al Khaimah	57.2	(4.1)	0.6	(0.5)	66.1	(6.3)	0.0	c	63.0	(4.8)	0.1	(0.3)
Sharjah	41.4	(4.2)	1.6	(0.7)	53.4	(5.0)	0.5	(0.8)	38.0	(6.6)	1.5	(1.2)
Umm Al Quwain	63.8	(2.3)	0.2	(0.3)	70.0	(5.6)	0.3	(0.7)	69.6	(5.2)	0.0	c

* PISA adjudicated region.

1. ESCS refers to the PISA index of economic, social and cultural status.

Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Results for the province of Quebec in this table should be treated with caution due to a possible non-response bias.

For Massachusetts and North Carolina, the desired target population covers 15-year-old students in grade 7 or above in public schools only (see Annex A2).

Puerto Rico is an unincorporated territory of the United States. As such, PISA results for the United States do not include Puerto Rico.

See Table I.6.6a for national data.

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[Part 2/2]

Table B2.I.68 Low and top performance in science, by students' socio-economic status

Results based on students' self-reports

	Students in the third quarter of ESCS				Students in the top quarter of ESCS				Increased likelihood of students in the bottom quarter of ESCS scoring below Level 2 in science, relative to non-disadvantaged students (3 other quarters of ESCS)		Increased likelihood of students in the bottom quarter of ESCS scoring below Level 2 in science, relative to advantaged students (top quarter of ESCS)	
	Percentage of low performers in science (below Level 2)		Percentage of top performers in science (Level 5 or above)		Percentage of low performers in science (below Level 2)		Percentage of top performers in science (Level 5 or above)		Odds ratio	S.E.	Odds ratio	S.E.
	%	S.E.	%	S.E.	%	S.E.	%	S.E.				
OECD												
Belgium												
Flemish community*	10.0	(1.2)	14.5	(1.3)	5.3	(0.8)	23.9	(1.7)	3.13	(0.3)	4.85	(0.7)
French community	17.0	(2.2)	5.3	(1.3)	6.7	(1.4)	13.0	(1.5)	3.69	(0.5)	6.07	(1.3)
German-speaking community	10.9	(4.0)	6.1	(3.5)	9.5	(3.5)	12.1	(4.9)	1.71	(0.7)	2.12	(1.1)
Canada												
Alberta	6.9	(1.6)	17.9	(2.8)	4.1	(1.4)	26.7	(2.8)	1.83	(0.4)	2.91	(0.9)
British Columbia	5.1	(1.6)	16.5	(3.0)	2.7	(1.0)	24.8	(3.3)	2.24	(0.5)	2.73	(1.3)
Manitoba	14.2	(2.3)	6.4	(1.9)	9.4	(1.6)	14.1	(2.3)	2.24	(0.4)	2.93	(0.7)
New Brunswick	14.9	(2.7)	8.1	(2.0)	8.4	(1.7)	16.2	(3.0)	2.01	(0.5)	3.21	(1.2)
Newfoundland and Labrador	10.0	(2.5)	9.0	(2.7)	9.4	(2.1)	11.9	(3.0)	2.17	(0.5)	2.70	(0.9)
Nova Scotia	7.2	(2.3)	11.2	(2.5)	7.0	(2.2)	17.4	(3.1)	2.06	(0.4)	1.63	(0.4)
Ontario	8.8	(1.4)	14.6	(1.9)	6.6	(1.1)	20.2	(2.4)	2.55	(0.4)	2.65	(0.5)
Prince Edward Island	8.2	(4.3)	9.5	(4.8)	11.9	(4.6)	14.1	(5.0)	1.82	(0.8)	1.38	(0.8)
Quebec	4.8	(1.3)	15.1	(2.9)	3.6	(1.2)	23.6	(3.0)	3.68	(0.8)	5.62	(1.6)
Saskatchewan	14.1	(2.1)	6.2	(1.5)	11.3	(2.2)	10.5	(1.9)	1.80	(0.4)	2.28	(0.6)
Italy												
Bolzano	10.6	(1.8)	8.1	(2.2)	5.9	(1.6)	12.5	(2.0)	2.20	(0.4)	3.18	(0.9)
Campania	34.7	(4.3)	1.6	(0.8)	16.4	(3.5)	3.8	(1.4)	2.76	(0.5)	3.71	(1.2)
Lombardia	14.7	(2.6)	6.1	(1.5)	7.5	(1.8)	13.0	(2.6)	2.79	(0.6)	4.64	(1.2)
Trento	8.5	(1.5)	6.4	(1.6)	7.2	(1.4)	9.6	(2.0)	2.18	(0.3)	3.01	(0.7)
Portugal												
Região Autónoma dos Açores	24.4	(2.9)	4.5	(1.8)	9.6	(2.6)	9.8	(2.3)	2.47	(0.4)	5.64	(1.7)
Spain												
Andalusia*	22.3	(2.5)	2.5	(1.0)	10.7	(2.1)	7.9	(1.6)	2.29	(0.3)	4.90	(1.0)
Aragon*	10.2	(2.3)	7.3	(1.7)	5.1	(1.5)	12.4	(2.0)	2.75	(0.5)	4.81	(1.3)
Asturias*	11.7	(2.1)	6.5	(1.4)	4.1	(1.8)	11.2	(2.3)	3.23	(0.6)	6.16	(2.2)
Balearic Islands*	18.1	(2.8)	2.6	(1.2)	9.4	(2.3)	8.4	(1.9)	2.31	(0.3)	3.98	(1.1)
Basque Country*	15.5	(1.6)	4.6	(1.1)	10.9	(1.7)	5.5	(0.9)	2.21	(0.3)	2.91	(0.5)
Canary Islands*	20.4	(2.4)	1.8	(0.8)	9.6	(2.4)	8.2	(2.1)	2.51	(0.4)	4.79	(1.2)
Cantabria*	17.5	(3.2)	4.0	(1.5)	6.3	(1.3)	10.2	(2.2)	2.42	(0.4)	5.45	(1.3)
Castile and Leon*	7.3	(1.6)	8.7	(1.9)	5.1	(1.3)	15.0	(2.6)	2.30	(0.5)	3.15	(0.9)
Castile-La Mancha*	15.8	(2.2)	5.3	(1.5)	6.1	(1.6)	10.1	(2.3)	2.21	(0.3)	4.75	(1.4)
Catalonia*	10.3	(2.4)	6.6	(1.5)	4.4	(1.3)	14.2	(2.4)	2.76	(0.5)	6.63	(2.4)
Comunidad Valenciana*	12.9	(2.7)	3.9	(1.2)	5.9	(1.6)	9.8	(1.8)	2.72	(0.6)	4.78	(1.7)
Extremadura*	20.0	(2.6)	3.4	(1.0)	11.5	(2.0)	6.3	(1.4)	2.59	(0.5)	4.50	(1.0)
Galicia*	11.4	(2.4)	8.1	(1.7)	5.7	(1.6)	12.9	(2.2)	2.03	(0.4)	3.74	(1.2)
La Rioja*	10.7	(2.1)	6.2	(1.9)	7.6	(1.8)	11.5	(2.7)	3.45	(0.6)	4.39	(1.0)
Madrid*	6.7	(1.8)	9.8	(2.1)	3.3	(1.2)	13.6	(2.0)	3.59	(0.7)	7.92	(3.2)
Murcia*	13.7	(2.6)	3.6	(1.2)	7.2	(1.8)	8.6	(1.7)	3.44	(0.5)	7.19	(2.0)
Navarre*	7.4	(1.8)	7.4	(2.1)	4.0	(1.1)	13.9	(2.9)	2.96	(0.5)	5.89	(1.9)
United Kingdom												
England	11.9	(1.7)	13.4	(1.6)	6.8	(1.0)	23.6	(1.8)	2.18	(0.2)	2.81	(0.4)
Northern Ireland	11.9	(2.1)	7.6	(1.7)	6.5	(1.4)	13.5	(2.2)	2.75	(0.4)	3.66	(0.8)
Scotland	15.1	(1.8)	7.4	(1.4)	9.3	(1.3)	16.0	(2.1)	2.17	(0.3)	2.75	(0.5)
Wales	16.7	(1.8)	4.8	(1.0)	12.5	(1.6)	9.0	(1.3)	1.75	(0.2)	1.79	(0.3)
United States												
Massachusetts*	4.6	(1.6)	16.1	(3.1)	4.8	(1.7)	27.3	(4.1)	4.10	(1.0)	4.12	(1.3)
North Carolina*	14.8	(2.7)	8.4	(1.8)	9.3	(1.8)	19.8	(2.5)	2.13	(0.3)	3.31	(0.9)
Puerto Rico*	51.2	(4.8)	0.2	(0.4)	29.9	(4.9)	1.4	(0.8)	2.73	(0.5)	5.73	(1.2)
Partners												
Colombia												
Bogotá	25.5	(3.7)	0.7	(0.7)	9.3	(3.2)	3.6	(1.6)	2.44	(0.4)	6.43	(1.8)
Cali	43.5	(4.2)	0.3	(0.3)	25.1	(5.0)	0.9	(0.6)	2.31	(0.5)	3.67	(1.1)
Manizales	36.5	(3.5)	0.6	(0.5)	17.4	(3.6)	1.3	(1.0)	2.57	(0.5)	5.67	(1.7)
Medellín	36.5	(3.8)	0.5	(0.5)	17.5	(3.3)	1.8	(1.0)	3.23	(0.5)	6.48	(1.4)
United Arab Emirates												
Abu Dhabi*	39.3	(2.8)	2.9	(0.8)	38.7	(3.5)	2.9	(0.8)	1.89	(0.2)	2.11	(0.3)
Ajman	50.4	(3.8)	0.5	(1.0)	45.0	(4.3)	0.2	(1.0)	1.74	(0.3)	1.96	(0.5)
Dubai*	19.9	(1.2)	8.1	(1.2)	17.5	(1.0)	9.6	(1.1)	2.57	(0.2)	2.67	(0.3)
Fujairah	52.1	(5.4)	0.3	(0.5)	48.7	(4.7)	2.2	(1.3)	1.59	(0.3)	1.79	(0.4)
Ras Al Khaimah	48.7	(6.0)	1.4	(1.3)	50.3	(4.3)	1.1	(1.1)	1.66	(0.4)	1.90	(0.5)
Sharjah	31.6	(5.2)	1.9	(1.7)	40.8	(6.9)	2.5	(1.2)	1.95	(0.5)	1.55	(0.6)
Umm Al Quwain	53.4	(5.7)	0.7	(1.0)	61.2	(6.0)	0.0	c	1.48	(0.5)	1.43	(0.6)

* PISA adjudicated region.

1. ESCS refers to the PISA index of economic, social and cultural status.


Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Results for the province of Quebec in this table should be treated with caution due to a possible non-response bias.

For Massachusetts and North Carolina, the desired target population covers 15-year-old students in grade 7 or above in public schools only (see Annex A2).

Puerto Rico is an unincorporated territory of the United States. As such, PISA results for the United States do not include Puerto Rico.

See Table I.6.6a for national data.

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[Part 1/2]

Table B2.I.72 Differences in science performance between immigrant and non-immigrant students, and socio-economic status

Results based on students' self-reports

	Percentage of immigrant students in PISA 2015		Science performance							
			Non-immigrant students		Immigrant students		Second-generation immigrants		First-generation immigrants	
			%	S.E.	Mean score	S.E.	Mean score	S.E.	Mean score	S.E.
OECD										
Belgium										
Flemish community*	14.0	(1.0)	529	(2.4)	447	(5.7)	448	(8.6)	446	(7.6)
French community	22.2	(1.7)	499	(4.1)	453	(7.6)	459	(8.5)	446	(8.3)
German-speaking community	21.8	(2.1)	511	(5.5)	489	(10.4)	c	c	492	(11.5)
Canada										
Alberta	28.0	(1.8)	543	(4.1)	541	(5.4)	548	(6.6)	535	(6.3)
British Columbia	39.4	(2.7)	540	(4.6)	544	(6.3)	541	(6.9)	548	(7.7)
Manitoba	23.9	(1.2)	506	(5.7)	494	(5.1)	502	(8.2)	490	(6.5)
New Brunswick	5.6	(0.8)	507	(4.7)	530	(12.7)	c	c	535	(13.1)
Newfoundland and Labrador	2.5	(1.2)	508	(3.3)	c	c	c	c	c	c
Nova Scotia	8.3	(1.2)	520	(4.4)	521	(11.4)	c	c	522	(15.4)
Ontario	37.1	(2.4)	526	(4.2)	530	(5.1)	529	(5.3)	531	(6.5)
Prince Edward Island	5.2	(1.2)	513	(5.2)	c	c	c	c	c	c
Quebec	23.3	(3.9)	541	(4.3)	531	(9.5)	535	(10.0)	527	(11.2)
Saskatchewan	13.8	(1.0)	500	(3.4)	477	(7.6)	526	(13.3)	468	(8.1)
Italy										
Bolzano	8.0	(0.7)	522	(2.5)	450	(8.5)	456	(11.9)	446	(10.7)
Campania	1.7	(0.4)	449	(5.4)	c	c	c	c	c	c
Lombardia	11.3	(1.1)	510	(4.8)	452	(8.2)	465	(11.3)	442	(9.6)
Trento	10.6	(0.8)	518	(2.5)	459	(8.0)	478	(11.2)	441	(10.6)
Portugal										
Região Autónoma dos Açores	2.2	(0.5)	471	(2.4)	469	(21.8)	c	c	c	c
Spain										
Andalusia*	4.1	(0.6)	475	(4.0)	445	(17.2)	c	c	436	(20.2)
Aragon*	13.9	(1.2)	519	(4.7)	449	(6.9)	c	c	448	(7.4)
Asturias*	6.5	(0.7)	506	(4.0)	457	(7.9)	c	c	454	(8.1)
Balearic Islands*	17.2	(1.4)	493	(4.7)	455	(6.4)	481	(12.3)	449	(6.2)
Basque Country*	8.8	(0.7)	489	(3.0)	433	(5.0)	444	(16.8)	432	(5.5)
Canary Islands*	12.9	(1.8)	479	(3.9)	463	(5.9)	468	(11.1)	461	(6.9)
Cantabria*	9.5	(1.1)	501	(5.5)	453	(11.2)	c	c	453	(11.8)
Castile and Leon*	7.4	(0.9)	523	(3.7)	472	(7.0)	c	c	465	(7.6)
Castile-La Mancha*	9.0	(1.0)	502	(4.3)	459	(10.5)	c	c	457	(12.1)
Catalonia*	18.8	(2.1)	518	(4.0)	456	(7.0)	460	(11.5)	455	(7.4)
Comunidad Valenciana*	14.6	(1.8)	499	(3.5)	476	(6.5)	497	(12.7)	472	(6.9)
Extremadura*	2.1	(0.5)	476	(4.0)	439	(17.3)	c	c	c	c
Galicia*	6.1	(0.8)	516	(3.1)	473	(10.5)	c	c	468	(11.0)
La Rioja*	17.1	(0.9)	513	(5.6)	441	(8.2)	c	c	441	(8.4)
Madrid*	19.5	(1.7)	528	(3.2)	474	(6.5)	483	(13.5)	470	(7.8)
Murcia*	15.3	(1.2)	494	(4.0)	437	(8.2)	425	(15.7)	440	(7.7)
Navarre*	14.2	(1.5)	520	(4.2)	470	(5.2)	c	c	466	(5.6)
United Kingdom										
England	18.4	(1.1)	520	(2.9)	494	(6.4)	503	(6.4)	486	(8.7)
Northern Ireland	15.9	(1.1)	509	(3.0)	469	(6.4)	c	c	463	(6.4)
Scotland	5.7	(0.5)	498	(2.4)	497	(8.7)	512	(15.6)	492	(9.1)
Wales	7.7	(0.9)	488	(2.7)	475	(10.0)	482	(10.3)	471	(12.0)
United States										
Massachusetts*	20.1	(1.9)	539	(6.2)	501	(11.3)	520	(10.8)	462	(13.0)
North Carolina*	11.4	(1.3)	504	(5.1)	506	(8.3)	510	(9.9)	497	(13.9)
Puerto Rico*	4.4	(0.9)	407	(6.1)	397	(12.2)	393	(13.5)	c	c
Partners										
Colombia										
Bogotá	0.7	(0.2)	458	(4.9)	c	c	c	c	c	c
Cali	0.7	(0.2)	423	(4.9)	c	c	c	c	c	c
Manizales	0.1	(0.1)	435	(4.2)	c	c	c	c	m	m
Medellín	0.8	(0.2)	435	(4.2)	c	c	c	c	c	c
United Arab Emirates										
Abu Dhabi*	54.2	(1.6)	390	(4.4)	457	(5.2)	443	(4.6)	472	(6.8)
Ajman	46.5	(2.3)	387	(4.3)	426	(5.1)	412	(7.4)	436	(6.5)
Dubai*	74.3	(0.3)	410	(2.5)	509	(1.6)	498	(2.5)	514	(2.1)
Fujairah	27.6	(3.1)	383	(3.9)	456	(13.9)	455	(16.5)	457	(16.0)
Ras Al Khaimah	27.1	(3.5)	395	(4.1)	424	(23.3)	418	(24.7)	430	(24.2)
Sharjah	60.7	(3.2)	395	(9.7)	462	(12.1)	472	(13.8)	456	(12.5)
Umm Al Quwain	32.9	(2.2)	378	(5.4)	416	(7.5)	412	(12.7)	420	(9.9)

* PISA adjudicated region.


Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Results for the province of Quebec in this table should be treated with caution due to a possible non-response bias.

For Massachusetts and North Carolina, the desired target population covers 15-year-old students in grade 7 or above in public schools only (see Annex A2).

Puerto Rico is an unincorporated territory of the United States. As such, PISA results for the United States do not include Puerto Rico.

See Table I.7.4a for national data.

StatLink  <http://dx.doi.org/10.1787/888933432325>

[Part 2/2]

Table B2.1.72 Differences in science performance between immigrant and non-immigrant students, and socio-economic status

Results based on students' self-reports

	Differences in science performance											
	Before accounting for students' socio-economic status					After accounting for students' socio-economic status						
	Between non-immigrants and immigrants		Between non-immigrants and second-generation immigrants		Between non-immigrants and first-generation immigrants		Between non-immigrants and immigrants		Between non-immigrants and second-generation immigrants		Between non-immigrants and first-generation immigrants	
	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.	Score dif.	S.E.
OECD	Belgium											
	82	(5.7)	81	(8.4)	82	(7.9)	57	(5.1)	50	(7.0)	63	(7.6)
	46	(7.1)	40	(7.8)	53	(8.1)	26	(6.2)	24	(6.6)	28	(7.7)
	22	(11.8)	m	m	19	(12.6)	28	(12.1)	m	m	26	(12.7)
	Canada											
	3	(4.9)	-4	(6.7)	8	(5.5)	2	(4.8)	-8	(6.5)	11	(5.4)
	-4	(6.9)	-1	(8.0)	-7	(7.6)	-7	(6.1)	-9	(7.1)	-3	(7.3)
	12	(7.2)	4	(9.3)	15	(8.4)	8	(7.1)	-2	(9.0)	13	(8.4)
	-23	(14.2)	m	m	-28	(14.8)	-12	(13.1)	m	m	-15	(13.5)
	m	m	m	m	m	m	m	m	m	m	m	m
	0	(11.8)	m	m	-2	(16.2)	6	(10.3)	m	m	7	(14.8)
	-4	(5.1)	-3	(5.5)	-5	(6.4)	-4	(4.5)	-6	(4.7)	0	(6.0)
	m	m	m	m	m	m	m	m	m	m	m	m
	10	(8.1)	6	(8.8)	15	(9.9)	6	(6.7)	-2	(7.6)	15	(8.4)
	23	(8.2)	-26	(13.9)	31	(8.6)	21	(8.5)	-27	(13.6)	30	(9.0)
	Italy											
	72	(8.7)	66	(12.1)	75	(10.8)	64	(8.8)	62	(11.7)	66	(11.3)
	m	m	m	m	m	m	m	m	m	m	m	m
	58	(7.9)	45	(10.7)	68	(9.5)	43	(7.8)	33	(10.8)	50	(9.9)
	59	(8.0)	40	(11.2)	77	(10.8)	43	(8.3)	24	(11.0)	63	(10.9)
	Portugal											
	1	(22.3)	m	m	m	m	24	(18.5)	m	m	m	m
	Spain											
	30	(16.3)	m	m	39	(19.1)	32	(15.6)	m	m	38	(18.8)
	70	(6.4)	m	m	70	(6.8)	48	(6.4)	m	m	48	(6.4)
	49	(8.7)	m	m	52	(9.0)	30	(8.9)	m	m	31	(9.5)
	38	(7.0)	12	(11.7)	44	(7.2)	31	(6.4)	11	(11.3)	35	(6.9)
	56	(5.4)	45	(16.9)	58	(5.8)	38	(5.6)	27	(16.4)	40	(6.1)
	16	(7.1)	11	(11.2)	18	(8.3)	10	(6.6)	4	(11.2)	12	(7.3)
	48	(10.5)	m	m	48	(11.3)	37	(9.2)	m	m	36	(9.9)
	52	(7.6)	m	m	58	(8.4)	35	(7.7)	m	m	42	(8.5)
	43	(11.4)	m	m	45	(12.8)	28	(10.8)	m	m	29	(12.6)
	62	(6.1)	58	(10.9)	63	(6.6)	42	(6.4)	33	(9.4)	44	(7.2)
	23	(7.1)	2	(13.4)	27	(7.3)	15	(7.0)	0	(14.4)	17	(6.8)
	37	(18.7)	m	m	m	m	24	(20.8)	m	m	m	m
	43	(10.7)	m	m	48	(11.0)	36	(10.1)	m	m	41	(10.5)
	71	(7.5)	m	m	72	(7.8)	46	(8.3)	m	m	46	(8.5)
	54	(6.3)	45	(13.4)	57	(7.6)	32	(5.2)	23	(12.9)	35	(6.2)
	57	(9.3)	69	(16.3)	55	(8.9)	31	(8.2)	44	(14.8)	29	(7.7)
	50	(6.0)	m	m	54	(6.6)	26	(6.2)	m	m	28	(6.8)
	United Kingdom											
	26	(6.2)	18	(6.1)	34	(8.6)	20	(5.0)	10	(4.9)	30	(7.0)
	40	(6.6)	m	m	46	(6.5)	34	(6.2)	m	m	39	(6.1)
	1	(8.5)	-13	(14.8)	6	(9.2)	4	(7.9)	-15	(12.1)	11	(8.9)
	13	(9.6)	6	(10.1)	16	(11.6)	14	(8.8)	6	(10.2)	18	(10.8)
	United States											
	39	(9.8)	19	(9.3)	77	(12.8)	14	(7.5)	-1	(7.4)	44	(11.2)
	-2	(8.6)	-5	(9.6)	7	(15.0)	-29	(8.6)	-33	(9.2)	-22	(14.3)
	10	(12.9)	14	(15.0)	m	m	12	(10.2)	12	(13.1)	m	m
Partners	Colombia											
	m	m	m	m	m	m	m	m	m	m	m	m
	m	m	m	m	m	m	m	m	m	m	m	m
	m	m	m	m	m	m	m	m	m	m	m	m
	m	m	m	m	m	m	m	m	m	m	m	m
	United Arab Emirates											
	-67	(5.5)	-52	(5.3)	-81	(6.9)	-68	(5.2)	-54	(5.2)	-80	(6.4)
	-39	(6.6)	-26	(8.5)	-50	(7.9)	-42	(6.6)	-29	(8.1)	-51	(8.0)
	-99	(3.1)	-88	(3.7)	-104	(3.4)	-96	(3.2)	-89	(3.7)	-100	(3.4)
	-73	(14.6)	-72	(17.0)	-74	(16.7)	-74	(14.0)	-72	(16.7)	-76	(15.9)
	-30	(22.0)	-23	(23.9)	-35	(22.7)	-32	(21.9)	-25	(23.8)	-38	(22.4)
	-66	(13.3)	-77	(14.9)	-61	(13.8)	-66	(12.7)	-76	(14.6)	-61	(13.1)
	-38	(9.3)	-34	(14.8)	-42	(10.4)	-39	(9.3)	-36	(15.1)	-41	(10.4)

* PISA adjudicated region.


Notes: Values that are statistically significant are indicated in bold (see Annex A3).

Results for the province of Quebec in this table should be treated with caution due to a possible non-response bias.

For Massachusetts and North Carolina, the desired target population covers 15-year-old students in grade 7 or above in public schools only (see Annex A2).

Puerto Rico is an unincorporated territory of the United States. As such, PISA results for the United States do not include Puerto Rico.

See Table I.7.4a for national data.

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ANNEX B3

LIST OF TABLES AND FIGURES AVAILABLE ON LINE

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<http://dx.doi.org/10.1787/888933433183>

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Chapter 5 Mathematics performance among 15-year-olds

<http://dx.doi.org/10.1787/888933433203>

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<http://dx.doi.org/10.1787/888933433214>

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<http://dx.doi.org/10.1787/888933433226>

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Chapter 8 What PISA results imply for policy

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A corrigendum has been issued for this page. See: <http://www.oecd.org/about/publishing/Corrigenda-PISA2015-Volumel.pdf>

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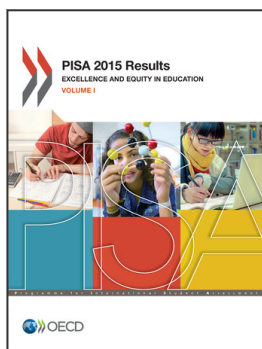
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