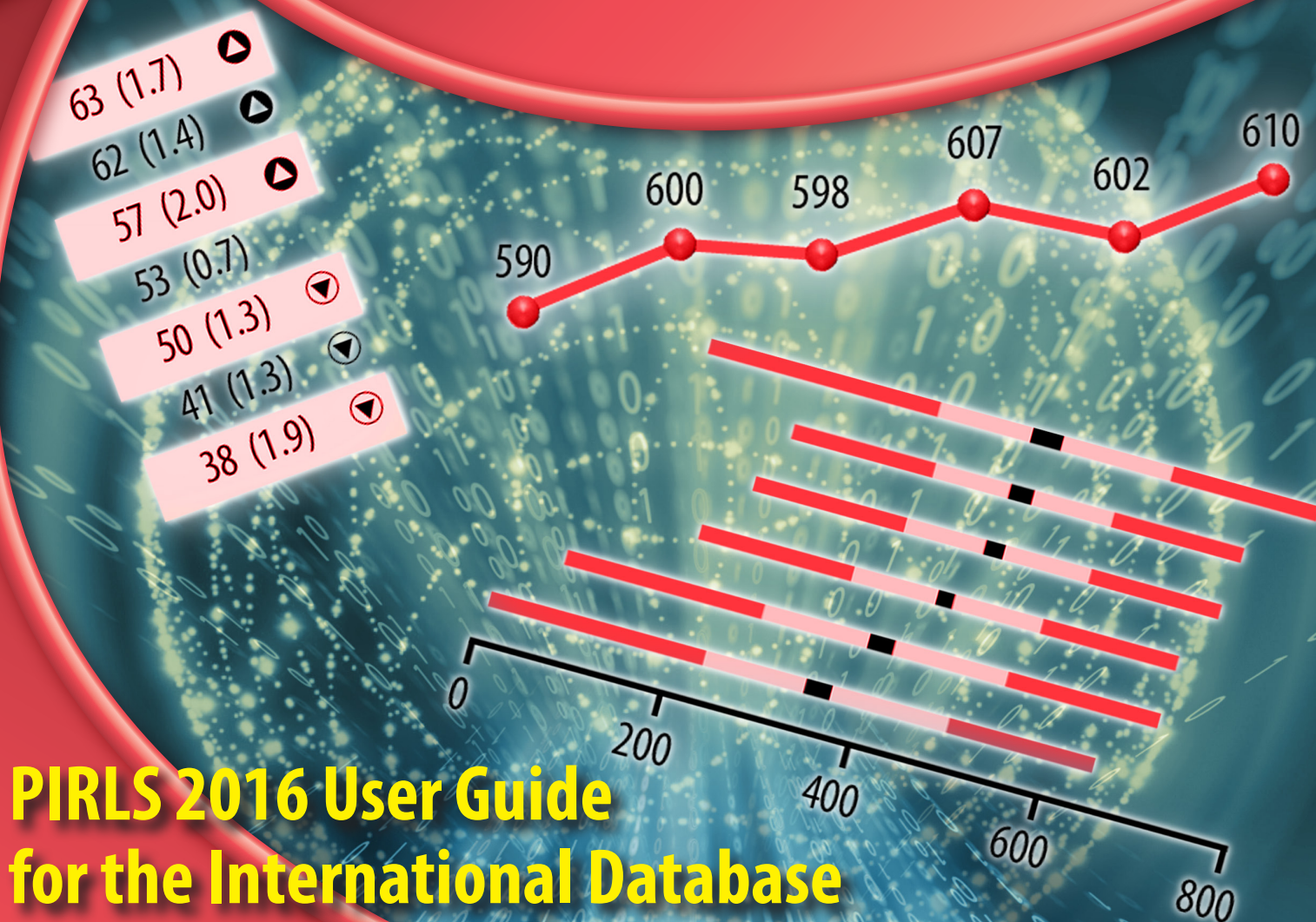


PROGRESS IN INTERNATIONAL READING LITERACY STUDY

PIRLS



PIRLS 2016 User Guide for the International Database

ITEM PERCENT CORRECT STATISTICS

ePIRLS 2016



TIMSS & PIRLS
International Study Center
Lynch School of Education
BOSTON COLLEGE

E11M01M (Mars): Which website explains where Mars is
Multiple Choice (Key is C)

Country	Percent Correct	
Norway (5)	52 (1.6)	▲
Denmark	48 (2.0)	▲
Singapore	47 (1.3)	▲
Chinese Taipei	42 (1.5)	▲
United States	39 (1.6)	▲
Ireland	37 (1.7)	
Sweden	36 (1.7)	
International Avg.	36 (0.4)	
Israel	35 (1.4)	
Canada	33 (1.6)	
Slovenia	31 (1.3)	▼
Portugal	31 (1.2)	▼
Georgia	25 (1.7)	▼
Italy	23 (1.1)	▼
United Arab Emirates	20 (0.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

- ▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	29 (0.8)	▼
Abu Dhabi, UAE	18 (1.2)	▼

E11M02C (Mars): Planets between Mars and Sun
Constructed Response (1 Point)

Country	Percent Correct	
Norway (5)	96 (0.6)	▲
Denmark	95 (0.7)	▲
Sweden	95 (0.8)	▲
Ireland	92 (1.2)	▲
Canada	92 (0.8)	▲
Chinese Taipei	91 (0.8)	▲
Slovenia	91 (0.8)	
Portugal	91 (0.9)	
Singapore	90 (0.8)	
International Avg.	89 (0.2)	
United States	89 (0.8)	
Italy	88 (1.1)	
Georgia	83 (1.2)	▼
Israel	81 (1.2)	▼
United Arab Emirates	77 (0.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

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Benchmarking Participants

Dubai, UAE	88 (0.8)	▼
Abu Dhabi, UAE	68 (1.7)	▼

E11M03C (Mars): What scientists thought 100 years ago
Constructed Response (1 Point)

Country	Percent Correct	
Ireland	85 (1.4)	▲
Sweden	82 (1.1)	▲
Singapore	78 (0.9)	▲
Portugal	77 (1.2)	▲
Italy	73 (1.4)	▲
Canada	69 (1.4)	
United States	68 (1.2)	
International Avg.	66 (0.4)	
Chinese Taipei	66 (1.3)	
Denmark	62 (2.0)	▼
Norway (5)	59 (1.9)	▼
Georgia	58 (1.6)	▼
Israel	54 (1.4)	▼
United Arab Emirates	53 (0.8)	▼
Slovenia	47 (1.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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▼ Percent significantly lower than international average

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Benchmarking Participants

Dubai, UAE	69 (0.9)	▲
Abu Dhabi, UAE	42 (1.3)	▼

E11M04C (Mars): Why Mars looks red
Constructed Response (1 Point)

Country	Percent Correct	
Sweden	77 (1.4)	▲
Singapore	73 (1.3)	▲
Norway (5)	72 (1.4)	▲
Denmark	69 (1.4)	▲
Ireland	68 (1.8)	▲
United States	66 (1.4)	▲
Chinese Taipei	66 (1.3)	▲
Israel	64 (1.3)	▲
Slovenia	61 (1.5)	
International Avg.	61 (0.4)	
Canada	60 (1.7)	
Italy	57 (1.8)	▼
United Arab Emirates	44 (1.1)	▼
Portugal	40 (1.7)	▼
Georgia	37 (2.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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Benchmarking Participants

Dubai, UAE	60 (1.0)	
Abu Dhabi, UAE	33 (1.6)	▼

E11M05M (Mars): Why Mars is cold
Multiple Choice (Key is A)

Country	Percent Correct	
Norway (5)	94 (0.6)	▲
Sweden	93 (0.8)	▲
Singapore	93 (0.7)	▲
Ireland	90 (1.1)	▲
United States	89 (1.1)	▲
Denmark	89 (1.1)	
Slovenia	88 (0.9)	
Canada	88 (1.2)	
Israel	87 (0.9)	
International Avg.	87 (0.3)	
Portugal	85 (1.0)	
Chinese Taipei	85 (1.0)	▼
Italy	83 (1.0)	▼
Georgia	80 (1.5)	▼
United Arab Emirates	76 (0.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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▼ Percent significantly lower than international average

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Benchmarking Participants

Dubai, UAE	86 (0.9)	
Abu Dhabi, UAE	69 (1.6)	▼

E11M06M (Mars): Which website discusses space exploration
Multiple Choice (Key is D)

Country	Percent Correct	
Norway (5)	87 (1.2)	▲
Sweden	84 (1.2)	▲
Denmark	80 (1.5)	▲
Slovenia	70 (1.6)	▲
Israel	67 (1.3)	
Ireland	67 (1.6)	
International Avg.	65 (0.4)	
Singapore	65 (1.2)	
United States	65 (1.3)	
Portugal	63 (1.4)	
Canada	61 (1.4)	▼
Chinese Taipei	61 (1.4)	▼
Italy	56 (1.5)	▼
United Arab Emirates	50 (0.9)	▼
Georgia	39 (2.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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Benchmarking Participants

Dubai, UAE	57 (1.1)	▼
Abu Dhabi, UAE	45 (1.7)	▼

E11M07M (Mars): More failures than successes
Multiple Choice (Key is C)

Country	Percent Correct	
Singapore	70 (1.3)	▲
Ireland	60 (1.8)	▲
United States	60 (1.5)	▲
Canada	50 (1.8)	▲
Chinese Taipei	46 (1.4)	▲
International Avg.	43 (0.4)	
Portugal	42 (1.5)	
Israel	39 (1.5)	▼
Italy	37 (1.5)	▼
Norway (5)	36 (1.6)	▼
Slovenia	36 (1.9)	▼
Georgia	34 (1.4)	▼
United Arab Emirates	31 (0.8)	▼
Sweden	29 (1.5)	▼
Denmark	27 (1.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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Benchmarking Participants

Dubai, UAE	49 (1.3)	▲
Abu Dhabi, UAE	25 (1.3)	▼

E11M08C (Mars): Why scientists keep exploring Mars
Constructed Response (1 Point)

Country	Percent Correct	
Norway (5)	84 (1.0)	▲
Singapore	82 (1.0)	▲
Italy	82 (1.1)	▲
Ireland	79 (1.4)	▲
Sweden	76 (1.4)	▲
Chinese Taipei	73 (1.3)	
Portugal	73 (0.9)	
International Avg.	72 (0.4)	
Denmark	72 (1.5)	
United States	71 (1.4)	
Slovenia	71 (1.7)	
Israel	68 (1.3)	▼
Canada	68 (1.7)	▼
Georgia	64 (1.8)	▼
United Arab Emirates	47 (1.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

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Benchmarking Participants

Dubai, UAE	66 (1.0)	▼
Abu Dhabi, UAE	35 (1.7)	▼

E11M09C (Mars): Definition of orbit
Constructed Response (1 Point)

Country	Percent Correct	
Singapore	74 (1.1)	▲
Norway (5)	70 (1.5)	▲
Italy	68 (1.5)	▲
Canada	68 (1.5)	▲
Ireland	64 (1.9)	▲
United States	63 (1.5)	▲
Denmark	62 (1.9)	▲
International Avg.	57 (0.4)	
Portugal	56 (1.7)	
Chinese Taipei	55 (1.3)	
Slovenia	53 (1.6)	▼
Sweden	49 (1.8)	▼
Israel	48 (1.3)	▼
United Arab Emirates	42 (0.9)	▼
Georgia	28 (1.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	56 (0.9)	
Abu Dhabi, UAE	36 (1.7)	▼

ePIRLS 2016 Percent Correct Statistics for Achievement Items

E11M10M (Mars): Purpose of moving diagram Multiple Choice (Key is C)

Country	Percent Correct	
Norway (5)	85 (1.0)	▲
Sweden	85 (1.4)	▲
Denmark	84 (1.3)	▲
Ireland	78 (1.5)	▲
Singapore	77 (1.1)	▲
Slovenia	75 (1.5)	▲
United States	75 (1.1)	▲
Canada	75 (1.3)	
International Avg.	72 (0.4)	
Chinese Taipei	70 (1.3)	
Portugal	70 (1.3)	▼
Israel	67 (1.2)	▼
Italy	66 (1.6)	▼
United Arab Emirates	52 (1.1)	▼
Georgia	50 (1.8)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	70 (1.1)	▼
Abu Dhabi, UAE	44 (2.1)	▼

E11M11C (Mars): Why plan ahead
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	40 (1.3) ▲	83 (0.8) ▲
Israel	29 (1.5) ▲	60 (1.4)
Norway (5)	27 (1.4) ▲	64 (1.4) ▲
Chinese Taipei	23 (1.0) ▲	64 (1.5) ▲
Canada	21 (1.4)	62 (1.6) ▲
Italy	21 (1.0)	58 (1.4)
International Avg.	20 (0.3)	57 (0.4)
Slovenia	19 (1.1)	48 (1.6) ▼
Ireland	18 (1.5)	60 (1.8)
United States	17 (1.1) ▼	58 (1.5)
Sweden	17 (1.0) ▼	58 (1.5)
Denmark	16 (1.3) ▼	57 (1.9)
Portugal	13 (0.9) ▼	40 (1.3) ▼
United Arab Emirates	11 (0.4) ▼	44 (0.8) ▼
Georgia	9 (1.1) ▼	44 (1.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

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Benchmarking Participants

Dubai, UAE	20 (0.9)	59 (1.1)
Abu Dhabi, UAE	8 (0.8) ▼	35 (1.3) ▼

E11M12M (Mars): Description of flyby mission
Multiple Choice (Key is B)

Country	Percent Correct	
Ireland	77 (1.5)	▲
Denmark	76 (1.6)	▲
United States	75 (1.2)	▲
Singapore	75 (1.0)	▲
Sweden	75 (1.5)	▲
Norway (5)	73 (1.4)	▲
Canada	71 (1.6)	▲
Israel	70 (1.3)	▲
Chinese Taipei	68 (1.1)	
International Avg.	67 (0.4)	
Italy	62 (1.3)	▼
Slovenia	61 (1.4)	▼
Portugal	60 (1.4)	▼
United Arab Emirates	56 (0.8)	▼
Georgia	42 (2.1)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	71 (1.1)	▲
Abu Dhabi, UAE	49 (1.7)	▼

E11M13C (Mars): Why orbiters are useful
Constructed Response (1 Point)

Country	Percent Correct	
Norway (5)	42 (1.7)	▲
Singapore	38 (1.3)	▲
United States	35 (1.7)	▲
Sweden	33 (1.6)	▲
Slovenia	33 (1.3)	▲
Israel	30 (1.4)	▲
Ireland	27 (1.6)	
International Avg.	27 (0.4)	
Canada	26 (1.6)	
Italy	22 (1.2)	▼
Denmark	19 (1.5)	▼
United Arab Emirates	19 (0.9)	▼
Georgia	18 (1.7)	▼
Portugal	16 (0.9)	▼
Chinese Taipei	13 (0.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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▼ Percent significantly lower than international average
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Benchmarking Participants

Dubai, UAE	28 (1.3)	
Abu Dhabi, UAE	14 (1.4)	▼

E11M14C (Mars): Which inventions have helped scientists
Constructed Response (3 Points)

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Ireland	37 (2.1) ▲	61 (1.8) ▲	75 (1.6) ▲
Sweden	33 (1.9) ▲	55 (1.7) ▲	71 (1.5) ▲
Singapore	31 (1.4) ▲	59 (1.4) ▲	72 (1.2) ▲
Norway (5)	30 (1.2) ▲	52 (1.5) ▲	67 (1.7) ▲
United States	26 (1.4) ▲	53 (1.7) ▲	63 (1.5) ▲
Canada	26 (1.4) ▲	52 (1.8) ▲	66 (1.7) ▲
Slovenia	25 (1.5)	48 (1.9)	61 (1.9)
Denmark	24 (1.8)	45 (2.2)	59 (2.1)
Portugal	23 (1.3)	48 (1.6)	65 (1.5) ▲
International Avg.	23 (0.4)	47 (0.4)	60 (0.4)
Italy	16 (1.2) ▼	46 (1.7)	61 (1.7)
Israel	15 (1.2) ▼	47 (1.4)	64 (1.4) ▲
Chinese Taipei	14 (1.0) ▼	33 (1.2) ▼	45 (1.4) ▼
United Arab Emirates	12 (0.6) ▼	32 (0.9) ▼	44 (1.0) ▼
Georgia	8 (1.2) ▼	22 (1.6) ▼	34 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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▼ Percent significantly lower than international average

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Benchmarking Participants

Dubai, UAE	23 (0.7)	48 (1.2)	61 (1.2)
Abu Dhabi, UAE	7 (0.9) ▼	23 (1.4) ▼	34 (1.7) ▼

E11M15C (Mars): Why rovers look for water
Constructed Response (1 Point)

Country	Percent Correct	
Singapore	89 (0.8)	▲
Norway (5)	88 (0.8)	▲
Sweden	86 (1.1)	▲
Denmark	83 (1.5)	▲
Ireland	83 (1.3)	▲
Chinese Taipei	82 (1.1)	▲
International Avg.	76 (0.3)	
United States	75 (1.2)	
Canada	75 (1.3)	
Portugal	74 (1.1)	
Slovenia	73 (1.2)	▼
Italy	72 (1.2)	▼
Israel	69 (1.3)	▼
Georgia	62 (1.7)	▼
United Arab Emirates	56 (1.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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▼ Percent significantly lower than international average

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Benchmarking Participants

Dubai, UAE	72 (1.0)	▼
Abu Dhabi, UAE	46 (1.7)	▼

E11M16C (Mars): Match curiosity (DERIVED)
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	70 (1.3) ▲	83 (1.0) ▲
Chinese Taipei	70 (1.2) ▲	81 (1.0) ▲
Norway (5)	54 (2.0) ▲	69 (1.7) ▲
United States	54 (1.6) ▲	72 (1.4) ▲
Ireland	53 (2.1) ▲	69 (1.7) ▲
Sweden	50 (1.4) ▲	67 (1.4) ▲
Denmark	48 (1.8)	65 (1.6) ▲
Canada	48 (2.0)	62 (1.9)
Italy	47 (1.6)	60 (1.4)
International Avg.	47 (0.4)	61 (0.4)
Israel	39 (1.4) ▼	56 (1.5) ▼
Slovenia	37 (1.6) ▼	53 (1.6) ▼
Portugal	35 (1.6) ▼	52 (1.6) ▼
United Arab Emirates	29 (0.9) ▼	41 (0.9) ▼
Georgia	16 (1.3) ▼	26 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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Benchmarking Participants

Dubai, UAE	49 (1.0)	63 (0.9)
Abu Dhabi, UAE	21 (1.3) ▼	32 (1.7) ▼

E11M16MA (Mars): Match curiosity (arm and hand)
Multiple Choice (Key is F)

Country	Percent Correct	
Singapore	85 (1.0)	▲
Chinese Taipei	81 (1.0)	▲
United States	74 (1.3)	▲
Ireland	73 (1.6)	▲
Norway (5)	72 (1.3)	▲
Sweden	68 (1.3)	▲
Denmark	65 (1.7)	
Canada	65 (2.3)	
International Avg.	64 (0.4)	
Italy	63 (1.6)	
Slovenia	56 (1.7)	▼
Israel	56 (1.4)	▼
Portugal	56 (1.5)	▼
United Arab Emirates	48 (0.9)	▼
Georgia	33 (1.8)	▼

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Benchmarking Participants

Dubai, UAE	67 (1.0)	▲
Abu Dhabi, UAE	38 (1.7)	▼

ePIRLS 2016 Percent Correct Statistics for Achievement Items

E11M16MB (Mars): Match curiosity (body and instruments) Multiple Choice (Key is C)

Country	Percent Correct	
Singapore	79 (1.1)	▲
Chinese Taipei	78 (1.1)	▲
Ireland	67 (1.9)	▲
United States	65 (1.5)	▲
Norway (5)	63 (2.0)	▲
Sweden	60 (1.5)	▲
Canada	59 (1.7)	
Denmark	58 (1.4)	
Italy	58 (1.4)	
International Avg.	57 (0.4)	
Israel	51 (1.5)	▼
Slovenia	50 (1.6)	▼
Portugal	49 (1.5)	▼
United Arab Emirates	41 (0.9)	▼
Georgia	26 (1.8)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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▼ Percent significantly lower than international average

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Benchmarking Participants

Dubai, UAE	60 (1.0)	
Abu Dhabi, UAE	35 (1.6)	▼

ePIRLS 2016 Percent Correct Statistics for Achievement Items

E11M16MC (Mars): Match curiosity (eyes) Multiple Choice (Key is A)

Country	Percent Correct	
Singapore	87 (0.8)	▲
Chinese Taipei	87 (0.8)	▲
United States	83 (1.2)	▲
Norway (5)	82 (1.4)	▲
Ireland	80 (1.3)	▲
Denmark	80 (1.6)	▲
Sweden	79 (1.0)	▲
Canada	75 (1.5)	
Slovenia	75 (1.3)	
International Avg.	74 (0.4)	
Italy	73 (1.5)	
Israel	69 (1.2)	▼
Portugal	65 (1.5)	▼
United Arab Emirates	54 (1.1)	▼
Georgia	40 (1.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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Benchmarking Participants

Dubai, UAE	73 (1.0)	
Abu Dhabi, UAE	45 (1.8)	▼

ePIRLS 2016 Percent Correct Statistics for Achievement Items

E11M16MD (Mars): Match curiosity (wheels and legs)
Multiple Choice (Key is E)

Country	Percent Correct	
Chinese Taipei	90 (0.8)	▲
Singapore	90 (0.8)	▲
Sweden	86 (1.1)	▲
Norway (5)	84 (1.5)	▲
Ireland	83 (1.4)	▲
Denmark	81 (1.4)	▲
United States	81 (1.2)	▲
Canada	77 (1.5)	
Portugal	77 (1.6)	
International Avg.	76 (0.3)	
Israel	75 (1.4)	
Italy	74 (1.3)	
Slovenia	74 (1.4)	
United Arab Emirates	53 (0.9)	▼
Georgia	43 (1.6)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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Benchmarking Participants

Dubai, UAE	73 (0.9)	▼
Abu Dhabi, UAE	43 (1.7)	▼

E11M17C (Mars): How curiosity explores like a person
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Norway (5)	49 (1.6) ▲	68 (1.6) ▲
Ireland	46 (1.8) ▲	73 (1.4) ▲
United States	46 (1.6) ▲	70 (1.4) ▲
Sweden	41 (1.5) ▲	63 (1.6) ▲
Denmark	38 (1.9) ▲	60 (1.8) ▲
Canada	37 (1.7) ▲	61 (1.7) ▲
Singapore	35 (1.0) ▲	59 (1.0) ▲
International Avg.	32 (0.4)	53 (0.4)
Italy	31 (1.5) ▼	48 (1.5) ▼
Slovenia	30 (1.4) ▼	48 (1.3) ▼
Israel	26 (1.0) ▼	48 (1.5) ▼
Chinese Taipei	23 (1.2) ▼	38 (1.3) ▼
Portugal	19 (1.1) ▼	42 (1.5) ▼
United Arab Emirates	17 (0.5) ▼	32 (0.8) ▼
Georgia	13 (1.2) ▼	27 (1.4) ▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

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Benchmarking Participants

Dubai, UAE	29 (1.0) ▼	50 (1.4) ▼
Abu Dhabi, UAE	13 (1.2) ▼	25 (1.7) ▼

E11M18C (Mars): Surface of Mars different
Constructed Response (1 Point)

Country	Percent Correct	
Norway (5)	65 (1.7)	▲
Denmark	58 (1.6)	▲
Sweden	57 (1.9)	▲
Singapore	54 (1.3)	▲
Canada	49 (1.5)	▲
International Avg.	42 (0.4)	
United States	42 (1.5)	
Italy	42 (1.7)	
Slovenia	41 (1.6)	
Israel	37 (1.2)	▼
Chinese Taipei	34 (1.6)	▼
Ireland	32 (1.9)	▼
Portugal	31 (1.1)	▼
Georgia	26 (1.6)	▼
United Arab Emirates	24 (0.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	36 (1.1)	▼
Abu Dhabi, UAE	21 (1.1)	▼

E11M19M (Mars): Why article titled Gift of Curiosity
Multiple Choice (Key is C)

Country	Percent Correct	
Sweden	69 (1.6)	▲
Norway (5)	61 (1.6)	▲
Singapore	54 (1.2)	▲
Denmark	53 (1.7)	▲
Ireland	53 (1.8)	▲
International Avg.	45 (0.4)	
Slovenia	45 (1.6)	
Italy	44 (1.5)	
Canada	42 (1.6)	
Chinese Taipei	39 (1.3)	▼
United States	39 (1.4)	▼
Portugal	39 (1.2)	▼
Israel	35 (1.5)	▼
United Arab Emirates	31 (0.9)	▼
Georgia	25 (1.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

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Benchmarking Participants

Dubai, UAE	42 (1.2)	▼
Abu Dhabi, UAE	28 (1.3)	▼

E11M20C (Mars): Writer in favor of exploring
Constructed Response (1 Point)

Country	Percent Correct	
Ireland	48 (1.8)	▲
Norway (5)	47 (1.4)	▲
United States	45 (1.8)	▲
Canada	42 (1.6)	▲
Slovenia	27 (1.4)	▲
International Avg.	25 (0.3)	
Israel	21 (1.3)	▼
Sweden	21 (1.3)	▼
Singapore	19 (0.9)	▼
Denmark	19 (1.5)	▼
Portugal	18 (1.3)	▼
United Arab Emirates	13 (0.6)	▼
Italy	10 (0.9)	▼
Georgia	8 (0.7)	▼
Chinese Taipei	7 (0.8)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

- ▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
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Benchmarking Participants

Dubai, UAE	25 (1.0)	
Abu Dhabi, UAE	9 (1.1)	▼

E11R01M (Rainforests): Which website gives rainforest information
Multiple Choice (Key is C)

Country	Percent Correct	
Norway (5)	88 (0.9)	▲
Sweden	87 (1.0)	▲
Denmark	85 (1.3)	▲
Singapore	84 (1.0)	▲
Ireland	82 (1.4)	▲
United States	82 (1.2)	▲
Israel	75 (1.3)	
Slovenia	75 (1.3)	
Canada	75 (1.3)	
International Avg.	73 (0.3)	
Italy	71 (1.5)	
Portugal	71 (1.3)	
United Arab Emirates	59 (1.0)	▼
Georgia	55 (1.8)	▼
Chinese Taipei	35 (1.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	69 (1.0)	▼
Abu Dhabi, UAE	51 (2.0)	▼

E11R02C (Rainforests): What is an ecosystem
Constructed Response (1 Point)

Country	Percent Correct	
Singapore	89 (0.8)	▲
Norway (5)	88 (1.0)	▲
Israel	87 (0.9)	▲
Slovenia	86 (1.0)	▲
Portugal	82 (1.1)	▲
Italy	82 (1.2)	
Ireland	80 (1.4)	
International Avg.	80 (0.3)	
Canada	79 (1.2)	
Denmark	79 (1.4)	
United States	78 (1.4)	
United Arab Emirates	76 (0.7)	▼
Sweden	73 (1.4)	▼
Georgia	70 (1.5)	▼
Chinese Taipei	66 (1.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	84 (0.8)	▲
Abu Dhabi, UAE	67 (1.5)	▼

E11R03C (Rainforests): Match ecosystem needs (DERIVED)
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Chinese Taipei	47 (1.3) ▲	83 (0.9) ▲
Canada	45 (1.6) ▲	79 (1.4) ▲
United States	43 (1.5) ▲	81 (1.0) ▲
Singapore	41 (1.2) ▲	80 (1.0) ▲
Sweden	39 (1.6) ▲	76 (1.5) ▲
Ireland	36 (1.6)	76 (1.3) ▲
Norway (5)	35 (1.6)	73 (1.5)
Israel	34 (1.3)	74 (1.1) ▲
International Avg.	34 (0.4)	70 (0.4)
Portugal	32 (1.6)	70 (1.5)
Denmark	31 (1.3)	68 (1.6)
Italy	25 (1.2) ▼	65 (1.4) ▼
United Arab Emirates	24 (0.8) ▼	54 (0.9) ▼
Slovenia	23 (1.3) ▼	64 (1.6) ▼
Georgia	15 (1.0) ▼	44 (1.8) ▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	32 (0.8)	69 (0.9)
Abu Dhabi, UAE	20 (1.7) ▼	45 (1.9) ▼

E11R03MA (Rainforests): Match ecosystem needs (air)
Multiple Choice (Key is D)

Country	Percent Correct	
United States	74 (1.3)	▲
Canada	71 (1.3)	▲
Ireland	71 (1.5)	▲
Singapore	70 (0.9)	▲
Portugal	65 (1.2)	▲
International Avg.	62 (0.4)	
Sweden	61 (1.8)	
Chinese Taipei	61 (1.2)	
Norway (5)	60 (1.5)	
Italy	60 (1.3)	
Israel	57 (1.5)	▼
Slovenia	56 (1.7)	▼
United Arab Emirates	55 (0.9)	▼
Denmark	54 (1.9)	▼
Georgia	47 (1.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	66 (1.0)	▲
Abu Dhabi, UAE	47 (1.8)	▼

E11R03MB (Rainforests): Match ecosystem needs (food)
Multiple Choice (Key is F)

Country	Percent Correct	
Chinese Taipei	92 (0.7)	▲
Singapore	90 (0.7)	▲
United States	89 (0.9)	▲
Canada	87 (1.4)	▲
Ireland	87 (1.1)	▲
Sweden	87 (1.0)	▲
Norway (5)	86 (1.0)	▲
Israel	84 (1.0)	
Portugal	84 (1.1)	
International Avg.	82 (0.3)	
Italy	82 (1.0)	
Denmark	81 (1.2)	
Slovenia	79 (1.4)	▼
United Arab Emirates	68 (0.9)	▼
Georgia	58 (1.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	81 (0.6)	
Abu Dhabi, UAE	60 (1.8)	▼

ePIRLS 2016 Percent Correct Statistics for Achievement Items

E11R03MC (Rainforests): Match ecosystem needs (water) Multiple Choice (Key is C)

Country	Percent Correct	
Chinese Taipei	90 (0.7)	▲
Singapore	87 (0.9)	▲
Norway (5)	87 (0.9)	▲
Sweden	86 (1.1)	▲
Israel	86 (0.9)	▲
Denmark	86 (1.3)	▲
United States	85 (1.2)	▲
Ireland	84 (1.3)	
Slovenia	83 (1.2)	
Portugal	83 (1.1)	
Canada	83 (1.3)	
International Avg.	82 (0.3)	
Italy	82 (1.3)	
United Arab Emirates	65 (0.9)	▼
Georgia	59 (1.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	78 (0.7)	▼
Abu Dhabi, UAE	56 (1.8)	▼

E11R03MD (Rainforests): Match ecosystem needs (sunlight)
Multiple Choice (Key is B)

Country	Percent Correct	
Chinese Taipei	78 (1.2)	▲
Canada	65 (1.5)	▲
Sweden	64 (1.6)	▲
Singapore	63 (1.4)	▲
United States	62 (1.5)	▲
Israel	61 (1.4)	▲
Norway (5)	58 (1.7)	▲
Denmark	56 (1.7)	
International Avg.	55 (0.4)	
Ireland	51 (1.8)	
Portugal	51 (1.8)	▼
Slovenia	44 (1.6)	▼
Italy	42 (1.5)	▼
United Arab Emirates	41 (1.1)	▼
Georgia	30 (1.2)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	51 (1.0)	▼
Abu Dhabi, UAE	37 (1.8)	▼

E11R04M (Rainforests): Why good heading
Multiple Choice (Key is B)

Country	Percent Correct	
United States	60 (1.5)	▲
Singapore	59 (1.3)	▲
Ireland	54 (1.6)	▲
Israel	50 (1.4)	▲
Canada	44 (2.1)	
Denmark	43 (1.7)	
International Avg.	41 (0.4)	
Italy	40 (1.7)	
Portugal	37 (1.4)	▼
United Arab Emirates	35 (0.8)	▼
Chinese Taipei	34 (1.6)	▼
Slovenia	34 (1.2)	▼
Norway (5)	33 (1.4)	▼
Sweden	30 (1.6)	▼
Georgia	22 (1.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

- ▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
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Benchmarking Participants

Dubai, UAE	44 (0.9)	▲
Abu Dhabi, UAE	33 (1.5)	▼

E11R05C (Rainforests): One thing map helps you understand
Constructed Response (1 Point)

Country	Percent Correct	
Denmark	80 (1.4)	▲
United States	79 (1.1)	▲
Norway (5)	79 (1.5)	▲
Singapore	78 (0.9)	▲
Ireland	69 (1.6)	▲
Italy	69 (1.4)	▲
Portugal	67 (1.4)	▲
Canada	67 (1.3)	▲
Sweden	66 (1.4)	
International Avg.	64 (0.4)	
Chinese Taipei	62 (1.5)	
Israel	60 (1.5)	▼
Slovenia	49 (1.5)	▼
United Arab Emirates	41 (1.0)	▼
Georgia	28 (1.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

- ▲ Percent significantly higher than international average
 ▼ Percent significantly lower than international average
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Benchmarking Participants

Dubai, UAE	57 (1.0)	▼
Abu Dhabi, UAE	34 (1.7)	▼

E11R06C (Rainforests): Which rainforest the oldest
Constructed Response (1 Point)

Country	Percent Correct	
Denmark	83 (1.4)	▲
Portugal	83 (1.1)	▲
Singapore	82 (0.9)	▲
Chinese Taipei	81 (1.3)	▲
Ireland	79 (1.4)	
Norway (5)	79 (1.1)	
Sweden	78 (1.5)	
Israel	78 (1.3)	
United States	77 (1.2)	
International Avg.	77 (0.4)	
Canada	77 (1.4)	
Italy	77 (1.1)	
Slovenia	70 (1.8)	▼
United Arab Emirates	59 (0.9)	▼
Georgia	- -	

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

A dash (-) indicates comparable data not available

Benchmarking Participants

Dubai, UAE	73 (0.9)	▼
Abu Dhabi, UAE	48 (1.6)	▼

E11R07C (Rainforests): Match rainforest layers (DERIVED)
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Chinese Taipei	50 (1.4) ▲	77 (1.2) ▲
Singapore	49 (1.2) ▲	74 (1.3) ▲
Denmark	49 (1.6) ▲	70 (1.4) ▲
Sweden	48 (1.9) ▲	70 (1.6) ▲
Norway (5)	44 (1.6) ▲	65 (1.7) ▲
Ireland	41 (1.4) ▲	66 (1.6) ▲
United States	35 (1.8)	58 (2.1)
International Avg.	35 (0.4)	58 (0.4)
Canada	34 (1.4)	57 (1.9)
Portugal	33 (1.5)	58 (1.5)
Slovenia	31 (1.6) ▼	53 (1.5) ▼
Israel	29 (1.4) ▼	51 (1.4) ▼
Italy	26 (1.3) ▼	53 (1.4) ▼
United Arab Emirates	17 (0.6) ▼	34 (1.1) ▼
Georgia	8 (0.9) ▼	21 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

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Benchmarking Participants

Dubai, UAE	30 (1.0) ▼	53 (1.2) ▼
Abu Dhabi, UAE	11 (1.0) ▼	25 (1.6) ▼

E11R07MA (Rainforests): Match rainforest layers (emergent)
Multiple Choice (Key is C)

Country	Percent Correct	
Singapore	80 (1.0)	▲
Norway (5)	80 (1.4)	▲
Sweden	78 (1.2)	▲
Denmark	77 (1.6)	▲
Ireland	76 (1.3)	▲
Chinese Taipei	73 (1.3)	▲
United States	70 (1.5)	
Canada	69 (1.2)	
International Avg.	69 (0.4)	
Portugal	67 (1.5)	
Israel	67 (1.2)	
Italy	67 (1.2)	
Slovenia	66 (1.4)	
United Arab Emirates	51 (0.9)	▼
Georgia	41 (1.8)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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▼ Percent significantly lower than international average
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Benchmarking Participants

Dubai, UAE	68 (1.3)	
Abu Dhabi, UAE	43 (1.6)	▼

ePIRLS 2016 Percent Correct Statistics for Achievement Items

E11R07MB (Rainforests): Match rainforest layers (canopy) Multiple Choice (Key is D)

Country	Percent Correct	
Sweden	79 (1.2)	▲
Chinese Taipei	77 (1.2)	▲
Ireland	73 (1.5)	▲
Denmark	73 (1.5)	▲
Singapore	71 (1.1)	▲
Italy	70 (1.4)	▲
Norway (5)	70 (1.5)	▲
Portugal	70 (1.5)	▲
International Avg.	65 (0.4)	
United States	65 (1.6)	
Canada	65 (1.6)	
Slovenia	64 (1.8)	
Israel	59 (1.3)	▼
United Arab Emirates	46 (1.0)	▼
Georgia	35 (1.6)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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Benchmarking Participants

Dubai, UAE	63 (1.1)	
Abu Dhabi, UAE	37 (1.8)	▼

E11R07MC (Rainforests): Match rainforest layers (understory)
Multiple Choice (Key is A)

Country	Percent Correct	
Chinese Taipei	80 (1.2)	▲
Singapore	73 (1.1)	▲
Ireland	71 (1.4)	▲
Sweden	70 (1.7)	▲
Denmark	70 (1.5)	▲
Norway (5)	67 (1.4)	▲
United States	63 (1.7)	
Canada	61 (1.7)	
International Avg.	60 (0.4)	
Slovenia	56 (1.7)	▼
Portugal	54 (1.6)	▼
Israel	52 (1.3)	▼
Italy	50 (1.4)	▼
United Arab Emirates	42 (0.9)	▼
Georgia	29 (1.2)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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Benchmarking Participants

Dubai, UAE	57 (0.9)	▼
Abu Dhabi, UAE	34 (1.5)	▼

E11R07MD (Rainforests): Match rainforest layers (forest floor)
Multiple Choice (Key is B)

Country	Percent Correct	
Chinese Taipei	82 (1.2)	▲
Singapore	77 (1.2)	▲
Denmark	70 (1.6)	▲
Sweden	68 (1.5)	▲
Norway (5)	62 (1.7)	▲
Portugal	61 (1.6)	
Ireland	60 (1.7)	
Canada	59 (2.1)	
United States	59 (1.7)	
International Avg.	59 (0.4)	
Slovenia	55 (1.7)	▼
Israel	52 (1.4)	▼
Italy	50 (1.6)	▼
United Arab Emirates	37 (1.0)	▼
Georgia	27 (1.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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Benchmarking Participants

Dubai, UAE	53 (1.4)	▼
Abu Dhabi, UAE	30 (1.5)	▼

E11R08C (Rainforests): Why picture separated into parts
Constructed Response (1 Point)

Country	Percent Correct	
Norway (5)	52 (1.6)	▲
Singapore	47 (1.3)	▲
Chinese Taipei	44 (1.4)	▲
Israel	44 (1.5)	▲
Ireland	43 (1.6)	
United States	42 (1.6)	
Portugal	42 (1.6)	
Denmark	41 (1.5)	
Sweden	41 (1.7)	
International Avg.	40 (0.4)	
Canada	38 (1.9)	
Slovenia	37 (1.5)	
Italy	37 (1.6)	▼
Georgia	28 (1.7)	▼
United Arab Emirates	27 (0.8)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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▼ Percent significantly lower than international average
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Benchmarking Participants

Dubai, UAE	40 (1.1)	
Abu Dhabi, UAE	19 (1.4)	▼

E11R09C (Rainforests): Why live in canopy
Constructed Response (1 Point)

Country	Percent Correct	
Singapore	73 (1.2)	▲
Norway (5)	67 (1.4)	▲
United States	63 (1.7)	▲
Canada	61 (1.4)	▲
Ireland	59 (1.6)	▲
Chinese Taipei	58 (1.4)	▲
Denmark	57 (1.8)	
Israel	55 (1.4)	
International Avg.	54 (0.4)	
Sweden	49 (1.5)	▼
Slovenia	48 (1.6)	▼
Italy	46 (1.6)	▼
Portugal	44 (1.6)	▼
United Arab Emirates	40 (0.9)	▼
Georgia	38 (1.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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▼ Percent significantly lower than international average
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Benchmarking Participants

Dubai, UAE	55 (1.1)	
Abu Dhabi, UAE	31 (1.2)	▼

E11R10M (Rainforests): How spider monkeys got name
Multiple Choice (Key is B)

Country	Percent Correct	
Singapore	83 (1.0)	▲
Norway (5)	80 (1.3)	▲
Ireland	77 (1.6)	▲
United States	76 (1.1)	▲
Sweden	74 (1.3)	▲
Denmark	73 (1.4)	▲
Israel	72 (1.3)	
International Avg.	71 (0.3)	
Italy	69 (1.4)	
Canada	69 (1.3)	
Chinese Taipei	68 (1.3)	▼
Portugal	67 (1.1)	▼
Slovenia	63 (1.3)	▼
United Arab Emirates	59 (0.9)	▼
Georgia	57 (1.6)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

- ▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
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Benchmarking Participants

Dubai, UAE	71 (0.9)	
Abu Dhabi, UAE	55 (1.4)	▼

E11R11C (Rainforests): Two facts about poison-arrow frog
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	57 (1.3) ▲	82 (1.1) ▲
Chinese Taipei	42 (1.3) ▲	76 (1.2) ▲
Ireland	38 (1.5) ▲	75 (1.6) ▲
Italy	32 (1.3) ▲	60 (1.7)
Sweden	31 (1.7)	73 (1.6) ▲
Norway (5)	31 (1.5)	68 (1.6) ▲
International Avg.	29 (0.4)	62 (0.4)
Canada	28 (1.7)	64 (1.7)
United States	26 (1.4) ▼	57 (1.6) ▼
Israel	26 (1.2) ▼	58 (1.5) ▼
Slovenia	24 (1.5) ▼	54 (1.6) ▼
Denmark	23 (1.3) ▼	67 (1.5) ▲
United Arab Emirates	22 (0.7) ▼	45 (0.9) ▼
Portugal	17 (1.2) ▼	45 (1.6) ▼
Georgia	15 (1.4) ▼	43 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	34 (0.9) ▲	63 (1.1)
Abu Dhabi, UAE	14 (1.5) ▼	36 (1.9) ▼

E11R12M (Rainforests): Why jaguars don't see sloths
Multiple Choice (Key is A)

Country	Percent Correct	
Norway (5)	83 (1.3)	▲
Singapore	83 (1.2)	▲
Sweden	82 (1.3)	▲
Denmark	78 (1.3)	▲
United States	77 (1.2)	▲
Ireland	77 (1.5)	▲
Chinese Taipei	75 (1.0)	▲
Slovenia	74 (1.4)	▲
Canada	73 (1.6)	
International Avg.	71 (0.4)	
Israel	67 (1.5)	▼
Italy	62 (1.7)	▼
Portugal	58 (1.1)	▼
Georgia	56 (2.0)	▼
United Arab Emirates	52 (0.8)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	65 (1.1)	▼
Abu Dhabi, UAE	46 (1.8)	▼

E11R13M (Rainforests): Which website discusses rainforest preservation
Multiple Choice (Key is B)

Country	Percent Correct	
Sweden	76 (1.5)	▲
Singapore	76 (0.9)	▲
Norway (5)	74 (1.4)	▲
Slovenia	72 (1.4)	▲
Italy	71 (1.3)	▲
Israel	71 (1.1)	▲
Ireland	70 (1.6)	
Chinese Taipei	69 (1.3)	
United States	69 (1.6)	
International Avg.	67 (0.4)	
Canada	66 (1.6)	
Denmark	66 (1.5)	
Portugal	62 (1.4)	▼
United Arab Emirates	57 (1.0)	▼
Georgia	45 (1.8)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	64 (1.1)	▼
Abu Dhabi, UAE	53 (1.9)	▼

E11R14C (Rainforests): Most important benefit of rainforests
Constructed Response (1 Point)

Country	Percent Correct	
Singapore	79 (1.0)	▲
Norway (5)	71 (1.5)	▲
Israel	68 (1.6)	▲
Portugal	66 (1.7)	▲
United States	66 (1.6)	▲
Ireland	65 (1.3)	▲
Canada	62 (2.1)	
Denmark	61 (1.9)	
International Avg.	60 (0.4)	
Sweden	58 (1.7)	
Slovenia	55 (1.4)	▼
Italy	55 (1.3)	▼
Chinese Taipei	49 (1.5)	▼
United Arab Emirates	46 (0.7)	▼
Georgia	38 (1.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	64 (1.1)	▲
Abu Dhabi, UAE	35 (1.4)	▼

E11R15C (Rainforests): Two reasons why rainforests cut down
Constructed Response (1 Point)

Country	Percent Correct	
Singapore	82 (1.1)	▲
Ireland	69 (1.7)	▲
Denmark	62 (1.9)	▲
United States	62 (1.7)	▲
Israel	62 (1.3)	▲
Norway (5)	62 (1.6)	▲
Chinese Taipei	61 (1.3)	▲
Slovenia	59 (1.6)	
International Avg.	58 (0.4)	
Sweden	56 (1.6)	
Canada	54 (1.5)	▼
Italy	52 (1.8)	▼
Portugal	46 (1.3)	▼
Georgia	39 (1.7)	▼
United Arab Emirates	38 (0.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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▼ Percent significantly lower than international average
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Benchmarking Participants

Dubai, UAE	58 (1.1)	
Abu Dhabi, UAE	26 (1.6)	▼

E11R16C (Rainforests): How cutting down trees affect rainforest animals
Constructed Response (1 Point)

Country	Percent Correct	
United States	69 (1.6)	▲
Chinese Taipei	69 (1.4)	▲
Singapore	63 (1.1)	▲
Ireland	60 (1.7)	▲
Denmark	55 (1.8)	▲
Norway (5)	54 (1.4)	▲
Canada	53 (1.3)	▲
Sweden	52 (1.7)	▲
International Avg.	49 (0.4)	
Slovenia	47 (1.4)	
Portugal	38 (1.4)	▼
Israel	38 (1.5)	▼
Italy	37 (1.3)	▼
United Arab Emirates	29 (0.9)	▼
Georgia	24 (1.6)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

- ▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
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Benchmarking Participants

Dubai, UAE	47 (1.2)	
Abu Dhabi, UAE	21 (1.5)	▼

E11B01M (Dr. Elizabeth Blackwell): Which website helps you learn about EB
Multiple Choice (Key is B)

Country	Percent Correct	
Sweden	93 (0.9)	▲
Denmark	93 (1.1)	▲
Norway (5)	88 (1.0)	▲
Portugal	87 (0.9)	▲
Italy	87 (0.9)	▲
Ireland	83 (1.4)	
Chinese Taipei	83 (1.1)	
International Avg.	82 (0.3)	
Canada	81 (1.4)	
Slovenia	79 (1.3)	▼
Georgia	78 (1.5)	▼
United States	78 (1.1)	▼
Israel	76 (1.2)	▼
Singapore	73 (0.9)	▼
United Arab Emirates	65 (0.8)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	73 (1.1)	▼
Abu Dhabi, UAE	62 (1.7)	▼

E11B02M (Dr. Elizabeth Blackwell): When did Elizabeth move to New York
Multiple Choice (Key is B)

Country	Percent Correct	
Singapore	95 (0.5)	▲
Ireland	93 (1.1)	▲
United States	93 (0.8)	▲
Denmark	92 (1.0)	▲
Norway (5)	92 (0.9)	▲
Chinese Taipei	90 (0.7)	▲
Sweden	89 (1.0)	▲
Israel	87 (1.0)	▲
International Avg.	87 (0.3)	
Canada	87 (1.4)	
Portugal	86 (0.9)	
Italy	81 (1.1)	▼
Slovenia	80 (1.1)	▼
United Arab Emirates	78 (0.7)	▼
Georgia	74 (1.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	88 (0.6)	▲
Abu Dhabi, UAE	70 (1.6)	▼

E11B03C (Dr. Elizabeth Blackwell): Year Geneva Medical College founded
Constructed Response (1 Point)

Country	Percent Correct	
Singapore	44 (1.4)	▲
Denmark	42 (2.0)	▲
Sweden	38 (1.7)	▲
Norway (5)	38 (1.5)	▲
Chinese Taipei	37 (1.3)	▲
Ireland	37 (1.8)	▲
Israel	34 (1.2)	
International Avg.	32 (0.4)	
Canada	31 (1.3)	
Italy	28 (1.4)	▼
United States	26 (1.6)	▼
Georgia	26 (1.9)	▼
Portugal	23 (1.3)	▼
Slovenia	22 (1.1)	▼
United Arab Emirates	17 (0.6)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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▼ Percent significantly lower than international average
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Benchmarking Participants

Dubai, UAE	24 (0.7)	▼
Abu Dhabi, UAE	12 (0.9)	▼

E11B04C (Dr. Elizabeth Blackwell): What Elizabeth did in 1874
Constructed Response (1 Point)

Country	Percent Correct	
Portugal	79 (1.3)	▲
Chinese Taipei	76 (1.2)	▲
Sweden	75 (1.6)	▲
Singapore	75 (0.9)	▲
Italy	73 (1.5)	▲
Ireland	72 (1.6)	
Israel	71 (1.2)	
Denmark	70 (1.8)	
International Avg.	69 (0.4)	
Norway (5)	66 (1.7)	
Slovenia	65 (1.8)	▼
Canada	65 (1.5)	▼
United States	63 (1.6)	▼
United Arab Emirates	60 (0.9)	▼
Georgia	59 (1.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

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Benchmarking Participants

Dubai, UAE	69 (1.0)	
Abu Dhabi, UAE	53 (1.8)	▼

E11B05M (Dr. Elizabeth Blackwell): Advantage of timeline
Multiple Choice (Key is D)

Country	Percent Correct	
Sweden	63 (1.8)	▲
Slovenia	62 (1.5)	▲
Italy	58 (1.5)	▲
Israel	54 (1.4)	▲
Denmark	52 (1.7)	▲
Ireland	52 (1.8)	▲
Singapore	49 (1.4)	
International Avg.	47 (0.4)	
Chinese Taipei	47 (1.4)	
Canada	47 (1.9)	
United States	46 (1.7)	
Norway (5)	43 (1.7)	▼
Portugal	43 (1.6)	▼
United Arab Emirates	29 (0.8)	▼
Georgia	17 (1.2)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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Benchmarking Participants

Dubai, UAE	37 (1.3)	▼
Abu Dhabi, UAE	23 (1.2)	▼

E11B06C (Dr. Elizabeth Blackwell): Who treated Elizabeth as a joke
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	61 (1.5) ▲	86 (1.1) ▲
Chinese Taipei	43 (1.6) ▲	70 (1.5) ▲
Ireland	41 (1.6) ▲	80 (1.3) ▲
Portugal	38 (1.5) ▲	61 (1.3)
United States	38 (1.5) ▲	72 (1.3) ▲
Canada	37 (2.1)	66 (2.0)
International Avg.	33 (0.4)	63 (0.4)
Sweden	33 (1.6)	65 (1.7)
Denmark	32 (1.8)	60 (1.5) ▼
Norway (5)	32 (1.7)	71 (1.8) ▲
Israel	30 (1.4) ▼	61 (1.6)
Italy	27 (1.6) ▼	50 (1.8) ▼
United Arab Emirates	23 (0.8) ▼	48 (1.0) ▼
Georgia	20 (1.7) ▼	46 (1.8) ▼
Slovenia	12 (1.0) ▼	45 (1.2) ▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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Benchmarking Participants

Dubai, UAE	39 (1.5) ▲	66 (1.1) ▲
Abu Dhabi, UAE	16 (1.2) ▼	39 (1.6) ▼

E11B07M (Dr. Elizabeth Blackwell): Why exclamation point
Multiple Choice (Key is C)

Country	Percent Correct	
Sweden	74 (1.5)	▲
Denmark	72 (1.7)	▲
Norway (5)	67 (1.7)	▲
Ireland	63 (1.7)	▲
Chinese Taipei	61 (1.2)	▲
Singapore	61 (1.0)	▲
Canada	58 (1.9)	
International Avg.	57 (0.4)	
United States	57 (1.5)	
Italy	53 (1.4)	▼
Israel	53 (1.7)	▼
Portugal	47 (1.4)	▼
Georgia	46 (1.7)	▼
Slovenia	45 (1.2)	▼
United Arab Emirates	40 (0.8)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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▼ Percent significantly lower than international average
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Benchmarking Participants

Dubai, UAE	51 (1.1)	▼
Abu Dhabi, UAE	35 (1.3)	▼

E11B08C (Dr. Elizabeth Blackwell): Elizabeth's reaction to not being allowed in class
Constructed Response (1 Point)

Country	Percent Correct	
Singapore	83 (1.2)	▲
Sweden	82 (1.2)	▲
Norway (5)	81 (1.4)	▲
Ireland	80 (1.5)	▲
Italy	77 (1.3)	▲
Denmark	77 (1.4)	▲
United States	76 (1.3)	▲
Canada	75 (1.4)	
Israel	74 (1.3)	
International Avg.	73 (0.4)	
Chinese Taipei	72 (1.4)	
Portugal	68 (1.4)	▼
Slovenia	67 (1.3)	▼
Georgia	62 (1.7)	▼
United Arab Emirates	54 (1.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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▼ Percent significantly lower than international average

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Benchmarking Participants

Dubai, UAE	69 (1.1)	▼
Abu Dhabi, UAE	42 (1.5)	▼

E11B09C (Dr. Elizabeth Blackwell): Why Elizabeth gave up dream
Constructed Response (1 Point)

Country	Percent Correct	
Singapore	84 (1.1)	▲
Norway (5)	80 (1.4)	▲
Denmark	79 (1.5)	▲
Sweden	77 (1.7)	▲
Ireland	76 (1.7)	▲
Chinese Taipei	73 (1.2)	▲
Canada	69 (1.3)	
International Avg.	67 (0.4)	
United States	67 (1.7)	
Israel	65 (1.4)	
Slovenia	61 (1.3)	▼
Georgia	60 (1.8)	▼
Portugal	59 (1.5)	▼
Italy	47 (1.6)	▼
United Arab Emirates	46 (0.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	64 (1.5)	▼
Abu Dhabi, UAE	35 (1.7)	▼

E11B10C (Dr. Elizabeth Blackwell): Examples of Elizabeth not giving up
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	43 (1.3) ▲	84 (0.8) ▲
Israel	30 (1.4) ▲	59 (1.4) ▲
United States	23 (1.4) ▲	58 (1.5) ▲
Ireland	21 (1.3) ▲	50 (2.0)
Denmark	19 (1.4)	49 (1.7)
Canada	19 (1.5)	52 (1.8) ▲
International Avg.	18 (0.3)	48 (0.4)
Georgia	17 (1.5)	48 (1.9)
United Arab Emirates	17 (0.7)	46 (1.0) ▼
Norway (5)	15 (1.1) ▼	41 (1.7) ▼
Italy	15 (1.0) ▼	46 (1.5)
Portugal	12 (1.1) ▼	46 (1.6)
Chinese Taipei	9 (0.6) ▼	34 (1.5) ▼
Sweden	7 (0.8) ▼	23 (1.5) ▼
Slovenia	7 (0.7) ▼	32 (1.9) ▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

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Benchmarking Participants

Dubai, UAE	27 (1.1) ▲	60 (1.1) ▲
Abu Dhabi, UAE	13 (1.0) ▼	36 (1.5) ▼

E11B11M (Dr. Elizabeth Blackwell): How Elizabeth's parents ahead of their time
Multiple Choice (Key is C)

Country	Percent Correct	
Chinese Taipei	49 (1.4)	▲
Ireland	48 (2.0)	▲
Singapore	43 (1.3)	▲
Israel	43 (1.5)	▲
United States	40 (1.7)	
Norway (5)	40 (1.7)	
Canada	38 (1.5)	
International Avg.	37 (0.4)	
Denmark	36 (1.8)	
Italy	35 (1.4)	
Sweden	34 (1.8)	
Slovenia	31 (1.3)	▼
Georgia	29 (1.9)	▼
Portugal	26 (1.3)	▼
United Arab Emirates	25 (0.6)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	33 (1.1)	▼
Abu Dhabi, UAE	21 (1.0)	▼

E11B12C (Dr. Elizabeth Blackwell): How unusual family helped Elizabeth
Constructed Response (1 Point)

Country	Percent Correct	
Singapore	63 (1.4)	▲
Ireland	48 (1.8)	▲
Norway (5)	47 (1.6)	▲
United States	41 (1.7)	▲
Georgia	39 (1.8)	
Denmark	38 (1.7)	
Sweden	38 (1.5)	
International Avg.	37 (0.4)	
Slovenia	35 (1.7)	
Canada	33 (2.4)	▼
Italy	31 (1.4)	▼
Israel	30 (1.5)	▼
Portugal	29 (1.2)	▼
United Arab Emirates	27 (0.8)	▼
Chinese Taipei	26 (1.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

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Benchmarking Participants

Dubai, UAE	39 (1.0)	
Abu Dhabi, UAE	18 (1.2)	▼

E11B13C (Dr. Elizabeth Blackwell): Whether 1850s New York was a good place to live
Constructed Response (1 Point)

Country	Percent Correct	
Ireland	78 (1.4)	▲
Sweden	75 (1.4)	▲
Norway (5)	75 (1.6)	▲
Denmark	74 (1.5)	▲
Singapore	74 (1.3)	▲
United States	71 (1.6)	▲
Canada	70 (1.7)	▲
International Avg.	61 (0.4)	
Slovenia	59 (1.2)	
Israel	58 (1.3)	▼
Italy	57 (1.6)	▼
Portugal	52 (1.3)	▼
Chinese Taipei	41 (1.4)	▼
United Arab Emirates	36 (0.7)	▼
Georgia	35 (1.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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▼ Percent significantly lower than international average

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Benchmarking Participants

Dubai, UAE	57 (0.7)	▼
Abu Dhabi, UAE	27 (1.3)	▼

E11B14C (Dr. Elizabeth Blackwell): What shows people did not accept woman doctor
Constructed Response (1 Point)

Country	Percent Correct	
Singapore	63 (1.3)	▲
Ireland	48 (1.7)	▲
Chinese Taipei	47 (1.6)	▲
Israel	42 (1.3)	▲
United States	40 (1.6)	▲
Norway (5)	39 (1.5)	
Italy	38 (1.4)	
International Avg.	37 (0.4)	
Canada	35 (1.7)	
Denmark	32 (1.6)	▼
Sweden	32 (1.5)	▼
United Arab Emirates	25 (0.9)	▼
Georgia	24 (1.7)	▼
Portugal	24 (1.1)	▼
Slovenia	23 (1.4)	▼

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Benchmarking Participants

Dubai, UAE	37 (1.4)	
Abu Dhabi, UAE	17 (1.0)	▼

E11B15C (Dr. Elizabeth Blackwell): Two goals that are the same today
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	63 (1.0) ▲	83 (1.0) ▲
Norway (5)	60 (1.4) ▲	80 (1.5) ▲
Denmark	53 (1.4) ▲	74 (1.6) ▲
Ireland	50 (2.1) ▲	77 (1.6) ▲
Canada	48 (2.1) ▲	72 (2.0) ▲
International Avg.	41 (0.4)	67 (0.4)
Italy	41 (1.6)	70 (1.5)
Portugal	41 (1.4)	61 (1.5) ▼
Sweden	40 (1.4)	69 (1.6)
United States	39 (1.5)	71 (1.6) ▲
United Arab Emirates	36 (0.8) ▼	55 (1.0) ▼
Slovenia	32 (1.3) ▼	52 (1.6) ▼
Israel	31 (1.4) ▼	64 (1.6)
Chinese Taipei	25 (1.5) ▼	72 (1.4) ▲
Georgia	21 (1.6) ▼	44 (2.1) ▼

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Benchmarking Participants

Dubai, UAE	51 (1.4) ▲	71 (1.4) ▲
Abu Dhabi, UAE	26 (1.5) ▼	44 (1.9) ▼

E11B16C (Dr. Elizabeth Blackwell): Three things Elizabeth did to help women
Constructed Response (3 Points)

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Sweden	53 (1.7) ▲	70 (1.5) ▲	84 (1.1) ▲
Chinese Taipei	52 (1.3) ▲	65 (1.4) ▲	74 (1.4) ▲
United States	47 (1.4) ▲	69 (1.3) ▲	81 (1.2) ▲
Norway (5)	45 (1.6) ▲	71 (1.6) ▲	84 (1.4) ▲
Ireland	43 (1.6) ▲	72 (1.7) ▲	85 (1.4) ▲
Singapore	42 (1.1) ▲	66 (1.2) ▲	85 (1.1) ▲
Israel	41 (1.5)	57 (1.7)	68 (1.7) ▼
International Avg.	38 (0.4)	59 (0.4)	73 (0.4)
Denmark	34 (1.5) ▼	62 (1.9)	79 (1.3) ▲
Portugal	33 (1.3) ▼	51 (1.5) ▼	67 (1.6) ▼
United Arab Emirates	33 (0.8) ▼	49 (0.9) ▼	59 (1.0) ▼
Canada	32 (1.4) ▼	59 (1.5)	74 (1.4)
Italy	32 (1.5) ▼	59 (1.5)	72 (1.5)
Slovenia	31 (1.3) ▼	47 (1.6) ▼	64 (1.6) ▼
Georgia	19 (1.2) ▼	37 (1.7) ▼	49 (1.9) ▼

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Benchmarking Participants

Dubai, UAE	44 (1.4) ▲	65 (1.1) ▲	76 (0.9) ▲
Abu Dhabi, UAE	26 (1.3) ▼	38 (1.7) ▼	49 (1.9) ▼

E11B17C (Dr. Elizabeth Blackwell): Three important achievements
Constructed Response (3 Points)

Country	Percent Full Credit	Percent at Least 2 Points	Percent at Least 1 Point
Singapore	36 (1.1) ▲	63 (1.3) ▲	78 (1.1) ▲
Ireland	32 (2.1) ▲	64 (1.7) ▲	80 (1.7) ▲
Norway (5)	26 (1.4) ▲	59 (1.7) ▲	80 (1.5) ▲
United States	25 (1.3) ▲	54 (1.4) ▲	74 (1.5) ▲
Israel	21 (1.3)	43 (1.6)	59 (1.5) ▼
Denmark	21 (1.4)	51 (1.9) ▲	73 (1.8) ▲
International Avg.	19 (0.3)	44 (0.4)	63 (0.4)
Chinese Taipei	18 (0.9)	36 (1.3) ▼	54 (1.4) ▼
Italy	17 (1.1) ▼	42 (1.7)	60 (1.6) ▼
Canada	16 (1.2) ▼	43 (2.1)	65 (1.7)
United Arab Emirates	14 (0.6) ▼	31 (0.8) ▼	48 (1.0) ▼
Sweden	12 (1.0) ▼	43 (1.8)	69 (1.7) ▲
Georgia	12 (1.0) ▼	27 (1.5) ▼	42 (1.8) ▼
Slovenia	11 (0.8) ▼	33 (1.0) ▼	58 (1.5) ▼
Portugal	9 (0.8) ▼	26 (1.4) ▼	45 (1.5) ▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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Benchmarking Participants

Dubai, UAE	24 (1.0) ▲	49 (1.1) ▲	65 (1.0)
Abu Dhabi, UAE	10 (0.9) ▼	21 (1.4) ▼	38 (1.8) ▼

E11Z01M (Zebra and Wildebeest Migration): Which website explains zebra migration
Multiple Choice (Key is B)

Country	Percent Correct	
Norway (5)	88 (1.2)	▲
Denmark	88 (1.5)	▲
Singapore	87 (0.7)	▲
Italy	84 (1.2)	▲
Ireland	84 (1.5)	▲
Israel	83 (1.0)	▲
Canada	82 (1.2)	
Sweden	82 (1.3)	
United States	82 (1.2)	
International Avg.	80 (0.3)	
Chinese Taipei	78 (1.1)	
Portugal	77 (0.9)	▼
Slovenia	77 (1.3)	▼
United Arab Emirates	66 (0.9)	▼
Georgia	64 (1.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

- ▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	75 (1.0)	▼
Abu Dhabi, UAE	59 (1.3)	▼

E11Z02C (Zebra and Wildebeest Migration): Two ways zebras and wildebeests are the same
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Denmark	48 (1.5) ▲	75 (1.4) ▲
Norway (5)	42 (1.5) ▲	73 (1.4) ▲
Sweden	42 (1.5) ▲	61 (1.9)
Chinese Taipei	41 (1.4) ▲	82 (1.2) ▲
Singapore	41 (1.2) ▲	79 (1.1) ▲
Slovenia	38 (1.4)	59 (1.3) ▼
Ireland	37 (2.0)	70 (1.9) ▲
Canada	36 (1.2)	68 (1.7) ▲
International Avg.	36 (0.4)	65 (0.4)
United States	36 (1.4)	69 (1.3) ▲
Italy	35 (1.5)	62 (1.5)
Israel	30 (1.2) ▼	63 (1.4)
Georgia	30 (1.4) ▼	53 (1.5) ▼
Portugal	25 (1.8) ▼	46 (1.6) ▼
United Arab Emirates	22 (0.7) ▼	45 (0.9) ▼
Benchmarking Participants		
Dubai, UAE	34 (1.0) ▼	63 (1.1)
Abu Dhabi, UAE	18 (1.1) ▼	35 (1.7) ▼

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

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SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

E11Z03M (Zebra and Wildebeest Migration): Why boxes with facts
Multiple Choice (Key is D)

Country	Percent Correct	
United States	77 (1.5)	▲
Singapore	74 (1.1)	▲
Ireland	73 (1.5)	▲
Italy	71 (1.2)	▲
Chinese Taipei	71 (1.2)	▲
Canada	68 (1.6)	▲
Norway (5)	63 (1.7)	
Denmark	62 (1.8)	
International Avg.	62 (0.4)	
Slovenia	61 (1.5)	
Sweden	60 (1.9)	
Georgia	52 (1.7)	▼
Portugal	47 (1.4)	▼
United Arab Emirates	46 (1.2)	▼
Israel	42 (1.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

- ▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
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Benchmarking Participants

Dubai, UAE	61 (1.1)	
Abu Dhabi, UAE	39 (1.6)	▼

E11Z04C (Zebra and Wildebeest Migration): Why zebras and wildebeests migrate
Constructed Response (1 Point)

Country	Percent Correct	
Norway (5)	90 (1.0)	▲
Sweden	90 (0.9)	▲
Denmark	89 (0.9)	▲
Slovenia	89 (0.7)	▲
Ireland	86 (1.2)	▲
Israel	86 (1.1)	▲
United States	85 (1.1)	
Chinese Taipei	85 (1.0)	
Portugal	85 (0.9)	
Singapore	84 (1.0)	
International Avg.	84 (0.3)	
Canada	83 (1.6)	
Italy	81 (1.2)	▼
Georgia	79 (1.5)	▼
United Arab Emirates	60 (1.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	74 (0.8)	▼
Abu Dhabi, UAE	49 (1.6)	▼

E11Z05M (Zebra and Wildebeest Migration): How map helps
Multiple Choice (Key is C)

Country	Percent Correct	
Denmark	84 (1.4)	▲
Norway (5)	80 (1.1)	▲
Sweden	77 (1.3)	▲
Portugal	76 (1.2)	▲
United States	72 (1.3)	▲
Israel	72 (1.2)	▲
Ireland	69 (1.6)	
International Avg.	67 (0.4)	
Italy	65 (1.6)	
Slovenia	64 (1.5)	▼
Canada	63 (1.5)	▼
Singapore	62 (1.0)	▼
Georgia	56 (1.6)	▼
United Arab Emirates	55 (1.0)	▼
Chinese Taipei	48 (1.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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Benchmarking Participants

Dubai, UAE	62 (0.9)	▼
Abu Dhabi, UAE	50 (1.5)	▼

E11Z06C (Zebra and Wildebeest Migration): Difficulties without wildebeests
Constructed Response (1 Point)

Country	Percent Correct	
Singapore	65 (1.3)	▲
Norway (5)	63 (1.6)	▲
Ireland	63 (1.9)	▲
Sweden	63 (1.7)	▲
Chinese Taipei	60 (1.4)	▲
United States	60 (1.3)	▲
Denmark	54 (1.9)	
International Avg.	53 (0.4)	
Canada	53 (1.8)	
Portugal	51 (1.4)	
Italy	51 (1.6)	
Israel	50 (1.6)	
Slovenia	45 (1.2)	▼
Georgia	32 (1.6)	▼
United Arab Emirates	27 (0.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	46 (1.0)	▼
Abu Dhabi, UAE	19 (1.3)	▼

E11Z07M (Zebra and Wildebeest Migration): How zebras help wildebeests
Multiple Choice (Key is A)

Country	Percent Correct	
Denmark	80 (1.5)	▲
Singapore	79 (1.1)	▲
United States	77 (1.3)	▲
Ireland	77 (1.9)	▲
Sweden	75 (1.6)	▲
Norway (5)	71 (1.4)	▲
Slovenia	69 (2.2)	
International Avg.	68 (0.4)	
Chinese Taipei	67 (1.2)	
Canada	67 (2.3)	
Portugal	66 (1.3)	
Israel	66 (1.4)	
Italy	62 (1.3)	▼
Georgia	51 (1.8)	▼
United Arab Emirates	41 (1.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

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Benchmarking Participants

Dubai, UAE	59 (0.9)	▼
Abu Dhabi, UAE	36 (1.6)	▼

E11Z08M (Zebra and Wildebeest Migration): Why zebras and wildebeests share food
Multiple Choice (Key is C)

Country	Percent Correct	
United States	74 (1.3)	▲
Ireland	73 (1.6)	▲
Singapore	72 (1.0)	▲
Canada	70 (1.4)	▲
Sweden	69 (1.4)	▲
Norway (5)	68 (1.7)	▲
Slovenia	68 (1.6)	▲
Italy	68 (1.3)	▲
Chinese Taipei	67 (1.2)	
Israel	66 (1.4)	
International Avg.	65 (0.4)	
Portugal	61 (1.3)	▼
Denmark	59 (1.9)	▼
United Arab Emirates	47 (0.8)	▼
Georgia	46 (1.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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Benchmarking Participants

Dubai, UAE	59 (0.8)	▼
Abu Dhabi, UAE	42 (1.8)	▼

E11Z09C (Zebra and Wildebeest Migration): What map shows
Constructed Response (1 Point)

Country	Percent Correct	
Denmark	43 (2.1)	▲
Sweden	39 (1.5)	▲
Slovenia	38 (1.6)	▲
Norway (5)	36 (1.4)	▲
Singapore	34 (0.9)	▲
Portugal	32 (1.4)	▲
Georgia	32 (1.4)	
United States	30 (1.4)	
International Avg.	29 (0.4)	
Ireland	24 (1.5)	▼
Canada	24 (1.9)	▼
Italy	23 (1.3)	▼
Israel	20 (1.4)	▼
United Arab Emirates	18 (0.6)	▼
Chinese Taipei	15 (0.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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Benchmarking Participants

Dubai, UAE	27 (1.0)	▼
Abu Dhabi, UAE	14 (1.1)	▼

E11Z10M (Zebra and Wildebeest Migration): Why writer uses "feast"
Multiple Choice (Key is D)

Country	Percent Correct	
Chinese Taipei	73 (1.3)	▲
Sweden	69 (1.5)	▲
Singapore	67 (1.3)	▲
Norway (5)	65 (1.6)	▲
Denmark	64 (1.9)	▲
United States	64 (1.5)	▲
Ireland	61 (2.0)	▲
Canada	61 (2.0)	▲
Israel	60 (1.4)	▲
International Avg.	57 (0.4)	
Slovenia	54 (1.4)	
Portugal	52 (1.8)	▼
Italy	50 (1.5)	▼
United Arab Emirates	36 (0.8)	▼
Georgia	21 (1.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	49 (1.0)	▼
Abu Dhabi, UAE	30 (1.4)	▼

E11Z11M (Zebra and Wildebeest Migration): When babies born
Multiple Choice (Key is B)

Country	Percent Correct	
Singapore	94 (0.5)	▲
Chinese Taipei	93 (0.8)	▲
United States	88 (1.1)	▲
Sweden	88 (1.2)	▲
Slovenia	88 (1.2)	▲
Ireland	88 (1.5)	
Norway (5)	87 (1.1)	▲
Italy	85 (1.0)	
International Avg.	85 (0.3)	
Denmark	85 (1.2)	
Israel	83 (0.9)	
Canada	83 (2.2)	
Portugal	82 (1.0)	▼
Georgia	77 (1.2)	▼
United Arab Emirates	67 (0.8)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	81 (0.9)	▼
Abu Dhabi, UAE	58 (1.7)	▼

E11Z12C (Zebra and Wildebeest Migration): Difference between maps
Constructed Response (1 Point)

Country	Percent Correct	
Norway (5)	77 (1.4)	▲
Ireland	74 (1.7)	▲
Sweden	71 (1.7)	▲
United States	70 (1.4)	▲
Portugal	65 (1.3)	▲
Denmark	65 (1.6)	▲
Canada	63 (1.3)	▲
Singapore	61 (1.3)	
International Avg.	60 (0.4)	
Israel	59 (1.3)	
Chinese Taipei	51 (1.6)	▼
Italy	49 (1.5)	▼
Slovenia	48 (1.4)	▼
United Arab Emirates	40 (0.9)	▼
Georgia	40 (1.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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▼ Percent significantly lower than international average

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Benchmarking Participants

Dubai, UAE	57 (1.0)	▼
Abu Dhabi, UAE	32 (1.3)	▼

E11Z13M (Zebra and Wildebeest Migration): When animals reach rivers
Multiple Choice (Key is D)

Country	Percent Correct	
Chinese Taipei	93 (0.7)	▲
Singapore	90 (0.8)	▲
Ireland	87 (1.3)	▲
United States	85 (1.2)	▲
Sweden	84 (1.3)	▲
Denmark	83 (1.3)	▲
Israel	81 (1.0)	
Norway (5)	80 (1.3)	
International Avg.	79 (0.3)	
Canada	78 (1.8)	
Italy	77 (1.4)	
Slovenia	76 (1.4)	▼
Portugal	75 (1.2)	▼
United Arab Emirates	64 (0.9)	▼
Georgia	58 (1.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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Benchmarking Participants

Dubai, UAE	78 (0.7)	
Abu Dhabi, UAE	53 (1.9)	▼

E11Z14C (Zebra and Wildebeest Migration): How Mara River is good and bad
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	79 (1.2) ▲	93 (0.7) ▲
Denmark	78 (1.4) ▲	95 (0.6) ▲
Ireland	73 (1.6) ▲	93 (1.0) ▲
Norway (5)	73 (1.6) ▲	92 (0.9) ▲
Sweden	73 (1.2) ▲	93 (0.8) ▲
United States	69 (1.5) ▲	89 (1.0) ▲
International Avg.	62 (0.4)	85 (0.3)
Portugal	60 (1.5)	86 (1.0)
Israel	60 (1.3)	82 (1.0) ▼
Slovenia	58 (1.5) ▼	83 (1.5)
Canada	56 (2.0) ▼	87 (1.7)
Italy	54 (1.4) ▼	84 (1.3)
Chinese Taipei	49 (1.3) ▼	80 (1.1) ▼
Georgia	46 (1.5) ▼	70 (1.5) ▼
United Arab Emirates	42 (1.0) ▼	60 (1.1) ▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

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Benchmarking Participants

Dubai, UAE	63 (0.9)	80 (0.8) ▼
Abu Dhabi, UAE	30 (1.7) ▼	48 (1.8) ▼

E11Z15M (Zebra and Wildebeest Migration): How hyenas catch prey
Multiple Choice (Key is B)

Country	Percent Correct	
Singapore	77 (1.2)	▲
Norway (5)	77 (1.7)	▲
Denmark	74 (1.6)	▲
United States	73 (1.4)	▲
Sweden	73 (1.3)	▲
Ireland	71 (1.8)	▲
Canada	68 (2.0)	
International Avg.	65 (0.4)	
Israel	64 (1.5)	
Italy	63 (1.5)	
Chinese Taipei	62 (1.4)	▼
Portugal	59 (1.3)	▼
United Arab Emirates	51 (1.0)	▼
Slovenia	51 (2.0)	▼
Georgia	48 (1.6)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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Benchmarking Participants

Dubai, UAE	65 (0.9)	
Abu Dhabi, UAE	44 (1.7)	▼

E11Z16C (Zebra and Wildebeest Migration): How lions hunt compared to crocs
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Norway (5)	60 (1.8) ▲	86 (1.2) ▲
Denmark	57 (1.7) ▲	84 (1.2) ▲
Sweden	55 (2.0) ▲	82 (1.3) ▲
Singapore	53 (1.3) ▲	79 (1.3) ▲
United States	45 (1.5) ▲	75 (1.2) ▲
Ireland	45 (1.8) ▲	77 (1.5) ▲
Canada	40 (2.2)	73 (2.3) ▲
International Avg.	40 (0.4)	69 (0.4)
Chinese Taipei	34 (1.3) ▼	70 (1.5)
Israel	33 (1.5) ▼	61 (1.4) ▼
Slovenia	32 (1.6) ▼	65 (1.7) ▼
Portugal	32 (1.4) ▼	62 (1.5) ▼
Italy	31 (1.5) ▼	62 (1.6) ▼
Georgia	21 (1.3) ▼	47 (1.9) ▼
United Arab Emirates	19 (0.7) ▼	39 (1.0) ▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

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Benchmarking Participants

Dubai, UAE	32 (1.1) ▼	60 (1.2) ▼
Abu Dhabi, UAE	12 (1.1) ▼	29 (1.8) ▼

E11Z17C (Zebra and Wildebeest Migration): What words and maps add
Constructed Response (1 Point)

Country	Percent Correct	
United States	56 (1.7)	▲
Italy	51 (1.4)	▲
Sweden	48 (1.8)	▲
Canada	47 (1.7)	▲
Norway (5)	45 (1.6)	▲
Israel	44 (1.2)	▲
Singapore	41 (1.3)	▲
Denmark	39 (1.9)	
International Avg.	35 (0.4)	
Georgia	35 (1.5)	
Ireland	34 (1.9)	
Slovenia	23 (1.4)	▼
Portugal	15 (0.9)	▼
United Arab Emirates	9 (0.5)	▼
Chinese Taipei	7 (0.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	14 (0.7)	▼
Abu Dhabi, UAE	6 (0.6)	▼

E11Z18M (Zebra and Wildebeest Migration): Which website discusses threats
Multiple Choice (Key is C)

Country	Percent Correct	
Denmark	78 (1.6)	▲
Sweden	78 (1.1)	▲
Singapore	74 (1.1)	▲
Ireland	73 (1.7)	▲
Israel	71 (1.3)	▲
Italy	69 (1.5)	▲
United States	68 (1.3)	▲
Slovenia	66 (1.4)	
Canada	65 (1.9)	
Portugal	64 (1.3)	
International Avg.	64 (0.4)	
Norway (5)	61 (1.5)	
Chinese Taipei	51 (1.6)	▼
United Arab Emirates	43 (1.0)	▼
Georgia	32 (1.5)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	56 (1.3)	▼
Abu Dhabi, UAE	35 (1.4)	▼

E11Z19C (Zebra and Wildebeest Migration): Why difficult to catch baby zebra
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	42 (1.3) ▲	74 (1.3) ▲
Ireland	31 (1.7) ▲	65 (1.6) ▲
Norway (5)	28 (1.6) ▲	67 (1.8) ▲
United States	27 (1.4) ▲	62 (1.8) ▲
Denmark	27 (1.8) ▲	68 (1.7) ▲
Sweden	26 (1.3) ▲	64 (1.6) ▲
Canada	24 (1.4) ▲	60 (2.0) ▲
International Avg.	22 (0.3)	55 (0.4)
Israel	22 (1.2)	58 (1.2) ▲
Chinese Taipei	18 (1.1) ▼	55 (1.5)
Italy	16 (1.2) ▼	50 (1.5) ▼
Slovenia	15 (0.9) ▼	45 (1.5) ▼
United Arab Emirates	12 (0.6) ▼	30 (1.2) ▼
Portugal	10 (0.8) ▼	46 (1.6) ▼
Georgia	6 (0.7) ▼	29 (1.7) ▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	24 (1.3)	54 (1.4)
Abu Dhabi, UAE	6 (0.8) ▼	20 (1.6) ▼

E11Z20C (Zebra and Wildebeest Migration): Match animal and predator avoidance (DERIVED)
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Singapore	64 (1.4) ▲	84 (1.1) ▲
Sweden	52 (1.8) ▲	78 (1.4) ▲
Denmark	52 (1.9) ▲	82 (1.5) ▲
United States	51 (1.4) ▲	78 (1.2) ▲
Ireland	49 (1.8) ▲	76 (1.6) ▲
Norway (5)	48 (1.8) ▲	79 (1.6) ▲
Chinese Taipei	45 (1.5) ▲	82 (1.2) ▲
International Avg.	40 (0.4)	68 (0.4)
Canada	40 (1.7)	71 (2.0)
Slovenia	36 (1.7) ▼	67 (1.6)
Israel	33 (1.2) ▼	60 (1.2) ▼
Italy	32 (1.6) ▼	64 (1.3) ▼
Portugal	26 (1.7) ▼	54 (1.6) ▼
United Arab Emirates	21 (0.8) ▼	40 (1.1) ▼
Georgia	13 (1.0) ▼	34 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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▼ Percent significantly lower than international average

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Benchmarking Participants

Dubai, UAE	38 (1.0) ▼	62 (1.0) ▼
Abu Dhabi, UAE	15 (1.2) ▼	29 (1.7) ▼

E11Z20MA (Zebra and Wildebeest Migration): Match animal (Lives in herds)
Multiple Choice (Key is C)

Country	Percent Correct	
Chinese Taipei	86 (1.0)	▲
Denmark	85 (1.3)	▲
Singapore	83 (1.0)	▲
United States	81 (1.0)	▲
Ireland	79 (1.4)	▲
Norway (5)	78 (1.5)	▲
Sweden	78 (1.5)	▲
Canada	78 (1.8)	▲
International Avg.	71 (0.4)	
Slovenia	69 (1.6)	
Italy	69 (1.4)	▼
Israel	63 (1.1)	▼
Portugal	60 (1.4)	▼
United Arab Emirates	45 (0.9)	▼
Georgia	44 (1.5)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	65 (0.9)	▼
Abu Dhabi, UAE	35 (1.6)	▼

E11Z20MB (Zebra and Wildebeest Migration): Match animal (Kicks predators)
Multiple Choice (Key is A)

Country	Percent Correct	
Singapore	82 (0.9)	▲
Chinese Taipei	76 (1.2)	▲
Sweden	74 (1.5)	▲
United States	72 (1.4)	▲
Denmark	72 (1.8)	▲
Ireland	71 (1.4)	▲
Norway (5)	71 (1.7)	▲
Canada	62 (2.0)	
International Avg.	61 (0.4)	
Slovenia	55 (1.5)	▼
Israel	51 (1.3)	▼
Italy	50 (1.5)	▼
Portugal	43 (1.7)	▼
United Arab Emirates	43 (1.0)	▼
Georgia	27 (1.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

- ▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	60 (0.9)	
Abu Dhabi, UAE	34 (1.4)	▼

E11Z20MC (Zebra and Wildebeest Migration): Match animal (Uses horns)
Multiple Choice (Key is B)

Country	Percent Correct	
Singapore	92 (0.8)	▲
Norway (5)	89 (1.2)	▲
Chinese Taipei	89 (1.0)	▲
United States	88 (1.0)	▲
Denmark	88 (1.1)	▲
Sweden	87 (1.1)	▲
Ireland	84 (1.6)	▲
Slovenia	81 (1.3)	
Canada	81 (1.6)	
International Avg.	79 (0.3)	
Israel	75 (1.0)	▼
Italy	75 (1.2)	▼
Portugal	74 (1.5)	▼
United Arab Emirates	54 (1.0)	▼
Georgia	48 (1.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	74 (0.7)	▼
Abu Dhabi, UAE	47 (1.8)	▼

E11Z20MD (Zebra and Wildebeest Migration): Match animal (Confuse predators)
Multiple Choice (Key is A)

Country	Percent Correct	
Singapore	79 (1.1)	▲
Norway (5)	72 (1.4)	▲
Sweden	70 (1.5)	▲
United States	69 (1.3)	▲
Denmark	69 (1.4)	▲
Ireland	68 (1.8)	▲
Slovenia	66 (1.6)	▲
Canada	63 (2.0)	
International Avg.	62 (0.4)	
Italy	61 (1.5)	
Chinese Taipei	61 (1.4)	
Israel	60 (1.2)	
Portugal	57 (1.6)	▼
United Arab Emirates	42 (1.0)	▼
Georgia	35 (1.5)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

- ▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	58 (0.9)	▼
Abu Dhabi, UAE	36 (1.7)	▼

E11T01M (The Legend of Troy): Which website helps you learn about Troy
Multiple Choice (Key is B)

Country	Percent Correct	
Ireland	80 (1.4)	▲
Chinese Taipei	77 (1.3)	▲
Sweden	72 (1.3)	▲
Italy	70 (1.4)	▲
Israel	65 (1.4)	
Singapore	63 (1.3)	
United States	63 (1.5)	
International Avg.	63 (0.4)	
Portugal	61 (1.5)	
Canada	61 (1.5)	
Georgia	59 (1.9)	
Norway (5)	58 (1.6)	▼
Denmark	54 (1.7)	▼
United Arab Emirates	47 (1.0)	▼
Slovenia	47 (1.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	57 (1.3)	▼
Abu Dhabi, UAE	44 (1.7)	▼

E11T02C (The Legend of Troy): Why Troy had high walls
Constructed Response (1 Point)

Country	Percent Correct	
Norway (5)	94 (0.7)	▲
Italy	94 (0.7)	▲
Ireland	93 (0.9)	▲
Sweden	92 (0.9)	▲
Denmark	92 (1.0)	▲
Singapore	91 (0.7)	▲
Canada	91 (1.0)	▲
Chinese Taipei	91 (0.8)	▲
United States	90 (0.9)	▲
Israel	88 (1.0)	
Portugal	88 (0.9)	
International Avg.	88 (0.3)	
Slovenia	87 (1.2)	
Georgia	76 (1.3)	▼
United Arab Emirates	64 (1.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	80 (1.1)	▼
Abu Dhabi, UAE	53 (1.8)	▼

E11T03M (The Legend of Troy): Why repeat "year after year"
Multiple Choice (Key is C)

Country	Percent Correct	
Norway (5)	68 (1.6)	▲
Sweden	68 (1.4)	▲
Denmark	64 (1.7)	▲
Ireland	64 (1.6)	▲
Israel	63 (1.4)	▲
United States	62 (1.7)	▲
Italy	58 (1.6)	
Singapore	57 (1.2)	
International Avg.	56 (0.4)	
Portugal	53 (1.6)	▼
Canada	53 (1.8)	▼
Slovenia	50 (1.6)	▼
Chinese Taipei	46 (1.5)	▼
Georgia	43 (1.6)	▼
United Arab Emirates	37 (0.8)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	46 (1.0)	▼
Abu Dhabi, UAE	33 (1.4)	▼

E11T04M (The Legend of Troy): How Greeks beat Trojans
Multiple Choice (Key is D)

Country	Percent Correct	
Norway (5)	92 (0.9)	▲
Ireland	89 (1.2)	▲
Sweden	88 (0.9)	▲
Denmark	87 (1.3)	▲
Chinese Taipei	87 (1.0)	▲
Italy	86 (1.0)	▲
Israel	82 (1.1)	
Singapore	81 (1.0)	
International Avg.	81 (0.3)	
Slovenia	80 (1.5)	
Portugal	78 (1.3)	
Canada	78 (1.1)	▼
United States	76 (1.2)	▼
Georgia	65 (1.3)	▼
United Arab Emirates	58 (0.8)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

- ▲ Percent significantly higher than international average
▼ Percent significantly lower than international average
() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	72 (0.9)	▼
Abu Dhabi, UAE	50 (1.8)	▼

E11T05C (The Legend of Troy): Why general sailed off
Constructed Response (2 Points)

Country	Percent Full Credit	Percent at Least 1 Point
Ireland	75 (1.6) ▲	92 (0.9) ▲
Singapore	70 (1.2) ▲	90 (0.8) ▲
Norway (5)	69 (1.6) ▲	91 (1.0) ▲
Denmark	67 (2.1) ▲	85 (1.6) ▲
Chinese Taipei	66 (1.5) ▲	86 (0.9) ▲
Sweden	65 (1.6) ▲	86 (1.1) ▲
United States	59 (1.7)	84 (1.2)
International Avg.	58 (0.4)	82 (0.3)
Israel	58 (1.4)	79 (1.2) ▼
Portugal	57 (1.4)	83 (1.0)
Slovenia	57 (1.8)	84 (1.0) ▲
Italy	57 (1.4)	83 (1.0)
Canada	54 (1.8) ▼	80 (1.6)
United Arab Emirates	31 (0.9) ▼	58 (0.9) ▼
Georgia	30 (1.8) ▼	64 (1.6) ▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

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Benchmarking Participants

Dubai, UAE	49 (1.0) ▼	75 (0.8) ▼
Abu Dhabi, UAE	20 (1.4) ▼	46 (1.7) ▼

E11T06C (The Legend of Troy): What discovery may make legend true
Constructed Response (1 Point)

Country	Percent Correct	
Chinese Taipei	73 (1.3)	▲
Singapore	71 (1.0)	▲
Norway (5)	66 (1.6)	▲
Denmark	65 (2.0)	▲
Ireland	62 (1.6)	▲
United States	62 (1.2)	▲
Canada	55 (1.8)	
Italy	54 (1.5)	
International Avg.	53 (0.4)	
Sweden	49 (1.6)	▼
Slovenia	47 (1.8)	▼
Portugal	43 (1.4)	▼
Israel	35 (1.4)	▼
Georgia	32 (1.9)	▼
United Arab Emirates	30 (1.1)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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▼ Percent significantly lower than international average
() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	43 (1.5)	▼
Abu Dhabi, UAE	22 (1.5)	▼

E11T07M (The Legend of Troy): Which is artifact
Multiple Choice (Key is A)

Country	Percent Correct	
Israel	54 (1.6)	▲
Singapore	48 (1.3)	▲
Italy	44 (1.5)	▲
Sweden	39 (1.7)	▲
Denmark	36 (1.7)	
Norway (5)	35 (1.8)	
International Avg.	34 (0.4)	
Georgia	34 (1.9)	
Ireland	31 (1.6)	
Chinese Taipei	31 (1.2)	▼
United States	29 (1.5)	▼
Slovenia	25 (1.3)	▼
United Arab Emirates	23 (0.7)	▼
Canada	23 (1.6)	▼
Portugal	21 (1.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	29 (1.3)	▼
Abu Dhabi, UAE	19 (1.3)	▼

E11T08C (The Legend of Troy): How archaeologists are like detectives
Constructed Response (1 Point)

Country	Percent Correct	
Singapore	82 (1.1)	▲
Ireland	70 (1.6)	▲
United States	66 (1.7)	▲
Norway (5)	64 (1.3)	▲
Italy	62 (1.6)	▲
Canada	61 (1.4)	
Chinese Taipei	60 (1.4)	
International Avg.	58 (0.4)	
Denmark	55 (1.8)	
Slovenia	54 (1.7)	▼
Portugal	53 (1.6)	▼
Israel	53 (1.4)	▼
United Arab Emirates	51 (0.9)	▼
Georgia	47 (1.8)	▼
Sweden	41 (1.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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▼ Percent significantly lower than international average
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Benchmarking Participants

Dubai, UAE	66 (0.9)	▲
Abu Dhabi, UAE	40 (1.6)	▼

E11T09C (The Legend of Troy): Why "the further down...the older things are"
Constructed Response (1 Point)

Country	Percent Correct	
Singapore	47 (1.4)	▲
Chinese Taipei	43 (1.5)	▲
Norway (5)	36 (1.6)	▲
Denmark	33 (1.9)	▲
Sweden	27 (1.4)	
International Avg.	27 (0.4)	
Israel	26 (1.4)	
Portugal	24 (1.2)	
Canada	24 (1.3)	
United States	24 (1.2)	▼
Ireland	24 (1.5)	
Italy	20 (1.2)	▼
United Arab Emirates	17 (0.7)	▼
Georgia	16 (1.2)	▼
Slovenia	12 (0.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	24 (1.0)	▼
Abu Dhabi, UAE	10 (0.9)	▼

E11T10C (The Legend of Troy): Why archaeologists dig in grid
Constructed Response (1 Point)

Country	Percent Correct	
Singapore	78 (1.2)	▲
Chinese Taipei	70 (1.2)	▲
Israel	62 (1.3)	▲
United States	58 (1.6)	▲
Sweden	54 (1.8)	▲
Ireland	51 (1.7)	
International Avg.	50 (0.4)	
Denmark	49 (1.7)	
Slovenia	49 (1.8)	
Canada	49 (1.7)	
Norway (5)	44 (1.8)	▼
Portugal	44 (1.4)	▼
Italy	40 (1.4)	▼
Georgia	31 (2.0)	▼
United Arab Emirates	28 (0.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	39 (1.2)	▼
Abu Dhabi, UAE	20 (1.3)	▼

E11T11M (The Legend of Troy): What is Hisarlik
Multiple Choice (Key is D)

Country	Percent Correct	
Ireland	82 (1.3)	▲
Denmark	81 (1.2)	▲
Italy	80 (1.1)	▲
Singapore	80 (1.0)	▲
Norway (5)	79 (1.3)	▲
Sweden	78 (1.4)	▲
Chinese Taipei	78 (1.0)	▲
United States	75 (1.3)	
Slovenia	74 (1.2)	
International Avg.	74 (0.3)	
Canada	72 (1.2)	
Portugal	69 (1.4)	▼
Israel	69 (1.2)	▼
Georgia	61 (2.2)	▼
United Arab Emirates	58 (1.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	74 (1.2)	
Abu Dhabi, UAE	49 (1.8)	▼

ePIRLS 2016 Percent Correct Statistics for Achievement Items

E11T12M (The Legend of Troy): In which country is Hisarlik
Multiple Choice (Key is A)

Country	Percent Correct	
Norway (5)	88 (1.2)	▲
Sweden	84 (1.1)	▲
Singapore	84 (0.8)	▲
Portugal	81 (1.3)	▲
Ireland	81 (1.4)	▲
Denmark	81 (1.3)	▲
United States	80 (1.3)	▲
Israel	77 (1.2)	
International Avg.	77 (0.4)	
Italy	76 (1.2)	
Chinese Taipei	75 (1.1)	
Canada	75 (1.6)	
Slovenia	71 (1.7)	▼
United Arab Emirates	65 (0.9)	▼
Georgia	57 (2.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	77 (0.9)	
Abu Dhabi, UAE	57 (1.4)	▼

E11T13M (The Legend of Troy): What Schliemann understood
Multiple Choice (Key is B)

Country	Percent Correct	
Chinese Taipei	71 (1.2)	▲
Norway (5)	70 (1.3)	▲
Singapore	70 (1.4)	▲
Ireland	69 (1.8)	▲
Denmark	67 (1.7)	▲
Sweden	65 (1.8)	▲
Israel	65 (1.3)	▲
United States	63 (1.4)	
International Avg.	62 (0.4)	
Slovenia	60 (1.7)	
Italy	59 (1.4)	▼
Canada	58 (2.6)	
Portugal	51 (1.1)	▼
Georgia	51 (1.9)	▼
United Arab Emirates	47 (0.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	57 (1.0)	▼
Abu Dhabi, UAE	42 (1.6)	▼

E11T14C (The Legend of Troy): Writer's opinion of Schliemann
Constructed Response (1 Point)

Country	Percent Correct	
Singapore	61 (1.2)	▲
Chinese Taipei	51 (1.7)	▲
United States	49 (1.5)	▲
Israel	44 (1.4)	▲
Ireland	44 (1.9)	▲
Norway (5)	40 (1.7)	
International Avg.	38 (0.4)	
Canada	38 (2.0)	
Sweden	37 (1.8)	
Portugal	36 (1.3)	
Denmark	36 (2.2)	
Slovenia	29 (1.4)	▼
Italy	27 (1.4)	▼
Georgia	25 (1.5)	▼
United Arab Emirates	18 (0.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	26 (0.9)	▼
Abu Dhabi, UAE	13 (1.0)	▼

E11T15M (The Legend of Troy): Dorpfeld's discovery
Multiple Choice (Key is D)

Country	Percent Correct	
Singapore	72 (1.3)	▲
Chinese Taipei	72 (1.5)	▲
Ireland	69 (1.7)	▲
Sweden	67 (1.7)	▲
Norway (5)	63 (1.7)	▲
Israel	59 (1.4)	
United States	59 (1.8)	
Denmark	59 (2.1)	
Italy	59 (1.6)	
Slovenia	58 (2.0)	
International Avg.	58 (0.4)	
Canada	57 (1.8)	
Portugal	45 (1.4)	▼
United Arab Emirates	36 (0.9)	▼
Georgia	36 (1.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

- ▲ Percent significantly higher than international average
 ▼ Percent significantly lower than international average
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Benchmarking Participants

Dubai, UAE	55 (1.3)	
Abu Dhabi, UAE	29 (1.6)	▼

E11T16M (The Legend of Troy): When city at Level 2 existed
Multiple Choice (Key is C)

Country	Percent Correct	
Chinese Taipei	93 (0.7)	▲
Singapore	91 (0.7)	▲
Norway (5)	89 (1.0)	▲
United States	86 (0.9)	▲
Ireland	85 (1.3)	▲
Sweden	85 (1.1)	▲
Denmark	83 (1.2)	▲
International Avg.	80 (0.3)	
Israel	80 (1.1)	
Portugal	79 (1.4)	
Slovenia	79 (1.7)	
Canada	77 (1.7)	
Italy	77 (1.3)	▼
United Arab Emirates	59 (0.9)	▼
Georgia	57 (2.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	75 (0.9)	▼
Abu Dhabi, UAE	51 (1.8)	▼

E11T17C (The Legend of Troy): Why Level 2 green
Constructed Response (1 Point)

Country	Percent Correct	
Norway (5)	69 (1.8)	▲
Singapore	69 (1.2)	▲
Chinese Taipei	62 (1.3)	▲
Ireland	60 (1.9)	▲
Denmark	60 (1.8)	▲
Israel	60 (1.5)	▲
Sweden	59 (1.6)	▲
Italy	53 (1.6)	
International Avg.	52 (0.4)	
United States	49 (1.5)	▼
Canada	48 (2.0)	▼
Portugal	47 (1.5)	▼
United Arab Emirates	36 (1.0)	▼
Slovenia	32 (1.5)	▼
Georgia	31 (1.7)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	51 (1.1)	
Abu Dhabi, UAE	28 (1.8)	▼

E11T18C (The Legend of Troy): Ordering (DERIVED)
Constructed Response (1 Point)

Country	Percent Correct	
Singapore	55 (1.4)	▲
Chinese Taipei	48 (1.3)	▲
Ireland	46 (1.6)	▲
Sweden	43 (1.7)	▲
Israel	37 (1.4)	
Italy	36 (1.3)	
United States	34 (1.5)	
International Avg.	34 (0.4)	
Denmark	33 (2.0)	
Canada	32 (1.5)	
Slovenia	29 (1.4)	▼
Norway (5)	28 (1.5)	▼
Portugal	27 (1.1)	▼
United Arab Emirates	22 (0.7)	▼
Georgia	13 (0.9)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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▼ Percent significantly lower than international average
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Benchmarking Participants

Dubai, UAE	35 (1.0)	
Abu Dhabi, UAE	17 (1.3)	▼

E11T18CA (The Legend of Troy): Ordering (Dorpfeld carefully studied)
Constructed Response (1 Point)

Country	Percent Correct	
Singapore	63 (1.3)	▲
Chinese Taipei	61 (1.2)	▲
Ireland	55 (1.6)	▲
Sweden	53 (1.8)	▲
Italy	46 (1.5)	
Israel	45 (1.5)	
United States	45 (1.6)	
International Avg.	44 (0.4)	
Denmark	44 (2.0)	
Canada	43 (1.6)	
Norway (5)	38 (1.6)	▼
Slovenia	37 (1.6)	▼
Portugal	36 (1.4)	▼
United Arab Emirates	32 (0.8)	▼
Georgia	21 (1.0)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	44 (1.0)	
Abu Dhabi, UAE	28 (1.6)	▼

E11T18CB (The Legend of Troy): Ordering (Maclaran wrote a book)
Constructed Response (1 Point)

Country	Percent Correct	
Singapore	66 (1.2)	▲
Chinese Taipei	60 (1.2)	▲
Ireland	58 (1.7)	▲
Sweden	56 (2.0)	▲
Israel	49 (1.4)	
Italy	48 (1.7)	
United States	48 (1.6)	
Canada	47 (1.6)	
International Avg.	47 (0.4)	
Slovenia	46 (1.6)	
Denmark	45 (1.9)	
Portugal	40 (1.2)	▼
Norway (5)	40 (1.7)	▼
United Arab Emirates	34 (0.9)	▼
Georgia	23 (1.3)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

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▼ Percent significantly lower than international average
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Benchmarking Participants

Dubai, UAE	49 (1.2)	
Abu Dhabi, UAE	28 (1.6)	▼

E11T18CD (The Legend of Troy): Ordering (Schliemann found treasure)
Constructed Response (1 Point)

Country	Percent Correct	
Singapore	64 (1.3)	▲
Chinese Taipei	57 (1.3)	▲
Ireland	54 (1.5)	▲
Sweden	51 (1.7)	▲
Israel	50 (1.2)	▲
Italy	47 (1.4)	
United States	46 (1.4)	
International Avg.	46 (0.4)	
Portugal	45 (1.2)	
Canada	43 (1.6)	▼
Slovenia	42 (1.6)	▼
Denmark	42 (2.0)	▼
Norway (5)	39 (1.4)	▼
United Arab Emirates	36 (0.8)	▼
Georgia	26 (1.4)	▼

SOURCE: IEA's Progress in International Reading Literacy Study – PIRLS 2016

▲ Percent significantly higher than international average

▼ Percent significantly lower than international average

() Standard errors appear in parentheses. Because of rounding some results may appear inconsistent.

Benchmarking Participants

Dubai, UAE	46 (1.0)	
Abu Dhabi, UAE	32 (1.3)	▼



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