

Appendix F

Syrian Arab Republic and Yemen Science Achievement

1.1 Syrian Arab Republic – Selected Science Achievement Results



Mean Achievement	Years of Schooling	Average Age	25th Percentile (Scale Score)	50th Percentile (Scale Score)	75th Percentile (Scale Score)	95th Percentile (Scale Score)	
411 (3.7)	8	14	276 (4.1)	356 (5.1)	413 (4.3)	466 (3.1)	538 (6.5)

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Yemen – Selected Science Achievement Results

Distribution of Science Achievement

Mean Achievement	Years of Schooling	Average Age	5th Percentile (Scale Score)	25th Percentile (Scale Score)	50th Percentile (Scale Score)	75th Percentile (Scale Score)	95th Percentile (Scale Score)
250 (.2)	8	11	5 (0.0)	126 (.2)	246 (13.0)	370 (13.8)	506 (6.6)

Gender Difference in Science Achievement

Science Achievement	Girls' Mean	Boys' Mean
250 (.2)	260 (10.7)	247 (11.1)

Average Achievement in Science Content Areas by Gender

Content Area	Girls' Mean	Boys' Mean	Overall Mean
البيولوجيا	23 (10.8)	223 (10.4)	227 (8.6)
الفيزياء والكيمياء	280 (.3)	268 (10.1)	271 (8.5)
العلوم الأرضية والفضائية	27 (.4)	288 (.6)	20 (8.0)

Percentages of Students Reaching International Benchmarks in Science

Advanced International Benchmark (625)	High International Benchmark (550)	Intermediate International Benchmark (475)	Low International Benchmark (400)
0 (0.1)	1 (0.4)	(1.3)	20 (2.1)

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