

Appendix C

SELECTED MATHEMATICS ACHIEVEMENT RESULTS FOR THE PHILIPPINES

Table C.1 **Philippines - Selected Mathematics Achievement Results - Unweighted Data**

Distributions of Mathematics Achievement - Seventh Grade

Mean	Years of Formal Schooling	Average Age	5th Percentile (Scale Score)	Data Rep., Analysis, and Prob.	50th Percentile (Scale Score)	75th Percentile (Scale Score)	95th Percentile (Scale Score)
399 (1.9)	7	14.0	291 (1.0)	349 (1.3)	389 (1.1)	440 (2.8)	546 (1.4)

Distributions of Mathematics Achievement - Sixth Grade

Mean	Years of Formal Schooling	Average Age	5th Percentile (Scale Score)	Data Rep., Analysis, and Prob.	50th Percentile (Scale Score)	75th Percentile (Scale Score)	95th Percentile (Scale Score)
386 (1.0)	6	12.9	284 (1.4)	339 (0.4)	377 (0.7)	422 (2.6)	531 (1.6)

Gender Differences in Mathematics Achievement - Seventh Grade

Boys Mean	Girls Mean	Difference
396 (2.3)	402 (1.8)	6 (2.9)

Gender Differences in Mathematics Achievement - Sixth Grade

Boys Mean	Girls Mean	Difference
384 (1.0)	388 (1.2)	4 (1.6)

**Percentages of Students Achieving International Marker Levels in Mathematics
Seventh Grade**

Top 10% Level	Top Quarter Level	Top Half Level
1 (0.1)	2 (0.2)	10 (0.6)

**Percentages of Students Achieving International Marker Levels in Mathematics
Sixth Grade**

Top 10% Level	Top Quarter Level	Top Half Level
1 (0.0)	3 (0.1)	11 (0.2)

() Standard errors appear in parentheses. Because results are rounded to the nearest whole number, some totals may appear inconsistent.

SOURCE: IEA Third International Mathematics and Science Study (TIMSS), 1994-95.

Table C.1 (Continued)
Philippines - Selected Mathematics Achievement Results - Unweighted Data

Average Percent Correct by Mathematics Content Areas - Seventh Grade

Mathematics Overall	Fractions and Number Sense	Geometry	Algebra	Data Rep., Analysis, and Prob.	Measurement	Proportionality
33 (0.4)	39 (0.5)	32 (0.4)	31 (0.5)	39 (0.5)	21 (0.4)	27 (0.5)

Average Percent Correct by Mathematics Content Areas -Sixth Grade

Mathematics Overall	Fractions and Number Sense	Geometry	Algebra	Data Rep., Analysis, and Prob.	Measurement	Proportionality
31 (0.2)	36 (0.3)	30 (0.3)	28 (0.2)	36 (0.3)	20 (0.2)	25 (0.3)

**Average Percent Correct for Boys and Girls by Mathematics Content Areas
 Seventh Grade**

Mathematics Overall		Fractions & Number Sense		Geometry		Algebra	
Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
32 (0.5)	33 (0.4)	37 (0.6)	39 (0.5)	33 (0.5)	32 (0.4)	30 (0.6)	32 (0.5)

Data Representation, Analysis & Probability		Measurement		Proportionality	
Boys	Girls	Boys	Girls	Boys	Girls
38 (0.6)	40 (0.5)	22 (0.5)	21 (0.4)	27 (0.6)	27 (0.5)

**Average Percent Correct for Boys and Girls by Mathematics Content Areas
 Sixth Grade**

Mathematics Overall		Fractions & Number Sense		Geometry		Algebra	
Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
30 (0.3)	31 (0.3)	36 (0.3)	37 (0.4)	29 (0.4)	30 (0.4)	27 (0.3)	29 (0.3)

Data Representation, Analysis & Probability		Measurement		Proportionality	
Boys	Girls	Boys	Girls	Boys	Girls
35 (0.4)	37 (0.4)	20 (0.3)	20 (0.2)	25 (0.3)	26 (0.3)

*Seventh or Eighth grades in most countries; see Table 2 for information about the grades tested in the Philippines.
 () Standard errors appear in parentheses. Because results are rounded to the nearest whole number, some totals may appear inconsistent.

SOURCE: IEA Third International Mathematics and Science Study (TIMSS), 1994-95.

