

## Chapter 6 - The Classroom Environment

**Table 6.1.<sup>1</sup>** Percentages and sampling errors for availability of classroom resources for the teachers (SACMEQ I and SACMEQ II)

Resource	Availability of classroom resources					
	SACMEQ I		SACMEQ II			
	Reading teacher		Reading teacher		Mathematics teacher	
	%	SE	%	SE	%	SE
A usable writing board						
Chalk						
A wall chart of any kind						
A cupboard						
One or more bookshelves						
A classroom library or book corner						
A teacher table						
A teacher chair						

SACMEQ I variables: XTRESCKB, XTRESCHL, XTRESWCH, XTRESCPB, XTRESBKS, XTRESCLI, XTRESTTA, XTRESTCH.

SACMEQ II variables: ZXCRES1, ZXCRES2, ZXCRES3, ZXCRES4, ZXCRES5, ZXCRES6, ZXCRES7, ZXCRES8, ZYCRES1, ZYCRES2, ZYCRES3, ZYCRES4, ZYCRES5, ZYCRES6, ZYCRES7, ZYCRES8.

SACMEQ I			SACMEQ II		
Question N°	Original Variable	Recoded Variable	Question N°	Original Variable	Recoded Variable
TQ10.01	TRESCKBD (1=no; 2=yes)	XTRESCKB (1=0) (2=1)	TQ12.1	XCRES1 and YCRES1 (1=no; 2=yes)	ZXCRES1 and ZYCRES1 (1=0) (2=1)
T Q10.02	TRESCHLK (1=no; 2=yes)	XTRESCHL (1=0) (2=1)	TQ12.2	XCRES2 and YCRES2 (1=no; 2=yes)	ZXCRES2 and ZYCRES2 (1=0) (2=1)
TQ10.03	TRESWCHT (1=no; 2=yes)	XTRESWCH (1=0) (2=1)	TQ12.3	XCRES3 and YCRES3 (1=no; 2=yes)	ZXCRES3 and ZYCRES3 (1=0) (2=1)
TQ10.07	TRESCPB (1=no; 2=yes)	XTRESCPB (1=0) (2=1)	TQ12.4	XCRES4 and YCRES4 (1=no; 2=yes)	ZXCRES4 and ZYCRES4 (1=0) (2=1)
TQ10.08	TRESBKSH (1=no; 2=yes)	XTRESBKS (1=0) (2=1)	TQ12.5	XCRES5 and YCRES5 (1=no; 2=yes)	ZXCRES5 and ZYCRES5 (1=0) (2=1)
TQ10.09	TRESCLIB (1=no; 2=yes)	XTRESCLI (1=0) (2=1)	TQ12.6	XCRES6 and YCRES6 (1=no; 2=yes)	ZXCRES6 and ZYCRES6 (1=0) (2=1)
TQ10.11	TRESTTAB (1=no; 2=yes)	XTRESTTA (1=0) (2=1)	TQ12.7	XCRES7 and YCRES7 (1=no; 2=yes)	ZXCRES7 and ZYCRES7 (1=0) (2=1)
TQ10.12	TRESTCHR (1=no; 2=yes)	XTRESTCH (1=0) (2=1)	TQ12.8	XCRES8 and YCRES8 (1=no; 2=yes)	ZXCRES8 and ZYCRES8 (1=0) (2=1)

<sup>1</sup> ONLY for Group B Countries : Kenya, Malawi, Mozambique, Namibia, Seychelles, South Africa, Swaziland, Tanzania, Uganda and Zanzibar.

**Table 6.1(r).<sup>2</sup>** Percentages and sampling errors for availability of classroom resources for the teachers (SACMEQ I and SACMEQ II)

Resource	Availability of classroom resources			
	SACMEQ I		SACMEQ II	
	%	SE	%	SE
A usable writing board				
Chalk				
A wall chart of any kind				
A cupboard				
One or more bookshelves				
A classroom library or book corner				
A teacher table				
A teacher chair				

SACMEQ I variables: XTRESCKB, XTRESCHL, XTRESWCH, XTRESCPB, XTRESBKS, XTRESCLI, XTRESTTA, XTRESTCH.

SACMEQ II variables: ZXCRES1, ZXCRES2, ZXCRES3, ZXCRES4, ZXCRES5, ZXCRES6, ZXCRES7, ZXCRES8.

SACMEQ I			SACMEQ II		
Question N°	Original Variable	Recoded Variable	Question N°	Original Variable	Recoded Variable
TQ10.01	TRESCKBD (1=no; 2=yes)	XTRESCKB (1=0) (2=1)	TQ12.1	XCRES1 (1=no; 2=yes)	ZXCRES1 (1=0) (2=1)
TQ10.02	TRESCHLK (1=no; 2=yes)	XTRESCHL (1=0) (2=1)	TQ12.2	XCRES2 (1=no; 2=yes)	ZXCRES2 (1=0) (2=1)
TQ10.03	TRESWCHT (1=no; 2=yes)	XTRESWCH (1=0) (2=1)	TQ12.3	XCRES3 (1=no; 2=yes)	ZXCRES3 (1=0) (2=1)
TQ10.07	TRESCPB (1=no; 2=yes)	XTRESCPB (1=0) (2=1)	TQ12.4	XCRES4 (1=no; 2=yes)	ZXCRES4 (1=0) (2=1)
TQ10.08	TRESBKSH (1=no; 2=yes)	XTRESBKS (1=0) (2=1)	TQ12.5	XCRES5 (1=no; 2=yes)	ZXCRES5 (1=0) (2=1)
TQ10.09	TRESCLIB (1=no; 2=yes)	XTRESCLI (1=0) (2=1)	TQ12.6	XCRES6 (1=no; 2=yes)	ZXCRES6 (1=0) (2=1)
TQ10.11	TRESTTAB (1=no; 2=yes)	XTRESTTA (1=0) (2=1)	TQ12.7	XCRES7 (1=no; 2=yes)	ZXCRES7 (1=0) (2=1)
TQ10.12	TRESTCHR (1=no; 2=yes)	XTRESTCH (1=0) (2=1)	TQ12.8	XCRES8 (1=no; 2=yes)	ZXCRES8 (1=0) (2=1)

<sup>2</sup> ONLY for Group A Countries : Botswana, Lesotho, Mauritius and Zambia.

**Table 6.2.<sup>3</sup>** Means and sampling errors for the classroom resources index (SACMEQ I and SACMEQ II)

[illegible]

SACMEO I variable: XTCLRES8.

SACMEQ II variables: ZXCLRES8, ZYCLRES8.

SACMEQ I			SACMEQ II		
Question No.	Original Variable	Linked to Constructs	Question No.	Original Variable	Linked to Constructs
TQ10.01	TRESCKBD (1=no; 2=yes)	XTCLRES8=	TQ12.1	XCRES1 and YCRES1 (1=no; 2=yes)	ZXCLRES8 (Reading) =
TQ10.02	TRESCHLK (1=no; 2=yes)	TRESCKBD+	TQ12.2	XCRES2 and YCRES2 (1=no; 2=yes)	XCRES1 + XCRES2 + XCRES3 +
TQ10.03	TRESWCHT(1=no; 2=yes)	TRESCHLK+	TQ12.3	XCRES3 and YCRES3 (1=no; 2=yes)	XCRES4 + XCRES5 + XCRES6 +
TQ10.07	TRESCPB (1=no; 2=yes)	TRESWCHT+	TQ12.4	XCRES4 and YCRES4 (1=no; 2=yes)	XCRES7 + XCRES8 - 8 (Max.8)
TQ10.08	TRESBKSH (1=no; 2=yes)	TRESCPB+	TQ12.5	XCRES5 and YCRES5 (1=no; 2=yes)	ZYCLRES8 (Mathematics) =
TQ10.09	TRESCLIB (1=no; 2=yes)	TRESBKSH+	TQ12.6	XCRES6 and YCRES6 (1=no; 2=yes)	YCRES1 + YCRES2 +
TQ10.11	TRESTTAB (1=no; 2=yes)	TRESCLIB+	TQ12.7	XCRES7 and YCRES7 (1=no; 2=yes)	YCRES3 + YCRES4 +
TQ10.12	TRESTCHR (1=no; 2=yes)	TRESTTAB +	TQ12.8	XCRES8 and YCRES8 (1=no; 2=yes)	YCRES5 + YCRES6 +
		TRESTCHR -8			YCRES7 + YCRES8 - 8 (Max.8)

<sup>3</sup> ONLY for Group B Countries : Kenya, Malawi, Mozambique, Namibia, Seychelles, South Africa, Swaziland, Tanzania, Uganda and Zanzibar.

**Table 6.2(r).<sup>4</sup>** Means and sampling errors for the classroom resources index (SACMEQ I and SACMEQ II)

Classroom resources index				
Region	SACMEQ I		SACMEQ II	
	Mean	SE	Mean	SE
Region 1				
Region 2				
Region 3				
Region 13				
<b>National</b>				

SACMEQ I variable: XTCLRES8.

SACMEQ II variable: ZXCLRES8.

SACMEQ I			SACMEQ II		
Question No.	Original Variable	Linked to Constructs	Question No.	Original Variable	Linked to Constructs
TQ10.01	TRESCKBD (1=no; 2=yes)	XTCLRES8=	TQ12.1	XCRES1 (1=no; 2=yes)	ZXCLRES8 = XCRES1 + XCRES2 + XCRES3 + XCRES4 + XCRES5 + XCRES6 + XCRES7 + XCRES8 - 8 (Max.8)
TQ10.02	TRESCHLK (1=no; 2=yes)	TRESCKBD+	TQ12.2	XCRES2 (1=no; 2=yes)	
TQ10.03	TRESWCHT (1=no; 2=yes)	TRESCHLK+	TQ12.3	XCRES3 (1=no; 2=yes)	
TQ10.07	TRESCPBD (1=no; 2=yes)	TRESWCHT+	TQ12.4	XCRES4 (1=no; 2=yes)	
TQ10.08	TRESBKSH (1=no; 2=yes)	TRESCPBD+	TQ12.5	XCRES5 (1=no; 2=yes)	
TQ10.09	TRESCLIB (1=no; 2=yes)	TRESBKSH+	TQ12.6	XCRES6 (1=no; 2=yes)	
TQ10.11	TRESTTAB (1=no; 2=yes)	TRESCLIB+	TQ12.7	XCRES7 (1=no; 2=yes)	
TQ10.12	TRESTCHR (1=no; 2=yes)	TRESTTAB + TRESTCHR -8 (Max 8)	TQ12.8	XCRES8 (1=no; 2=yes)	

<sup>4</sup> ONLY for Group A Countries : Botswana, Lesotho, Mauritius and Zambia.

**Table 6.3.** Percentages and sampling errors for pupils having sitting and writing places (SACMEQ I and SACMEQ II)

Region	SACMEQ I				SACMEQ II			
	% having sitting place		% having writing place		% having sitting place		% having writing place	
	%	SE	%	SE	%	SE	%	SE
Region 1								
Region 2								
Region 3								
Region 13								
<b>National</b>								

SACMEQ I variables: XPSIT, XPWRITE.

SACMEQ II variables: ZPSIT, ZPWRITE.

SACMEQ I			SACMEQ II		
Question No.	Original Variable	Linked to Constructs	Question No.	Original Variable	Linked to Constructs
PQ24	PSIT 1=floor; 2=bench with others; 3=separate chair	XPSIT (1=0) (2 thru 3=1)	PQ22	PSIT 1=floor; 2=log/stone/box/tin; 3=chair/bench	ZPSIT (1 thru 2=0) (3=1)
PQ25	PWRITE 1=nowhere; 2=where I sit; 3=desk/table	XPWRITE (1 thru 2=0) (3=1)	PQ23	PWRITE 1=nowhere; 2=where I sit; 3=desk/table	ZPWRITE (1 thru 2=0) (3=1)

**Table 6.4.** Percentages and sampling errors for pupils having own reading textbook (SACMEQ I and SACMEQ II)

Region	SACMEQ I		SACMEQ II			
	Own reading textbook		Own reading textbook		Own mathematics textbook	
	%	SE	%	SE	%	SE
Region 1						
Region 2						
Region 3						
Region 13						
<b>National</b>						

SACMEQ I variable: XPREADER.

SACMEQ II variables: ZPTEXTR, ZPTEXTM .

SACMEQ I			SACMEQ II		
Question No.	Original Variable	Linked to Constructs	Question No.	Original Variable	Linked to Constructs
PQ20	PREADERS (1=no readers; 2=only teacher; 3=share with 2+; 4=share with 1; 5=myself)	XPREADER (1 thru 4=0) (5=1)	PQ35	PTEXTR (1=no textbooks; 2=only teacher; 3=share with 2+; 4=share with 1; 5=myself)	ZPTEXTR (1 thru 4=0) (5=1)
—	—	—	PQ38	PTEXTM (1=no textbooks; 2=only teacher; 3=share with 2+; 4=share with 1; 5=myself)	ZPTEXTM (1 thru 4=0) (5=1)

**Table 6.5(a).** Percentages and sampling errors for shortages of basic classroom materials: Exercise books, notebook, and pencil. (SACMEQ I and SACMEQ II)

Region	SACMEQ I						SACMEQ II					
	Exercise books		Notebook		Pencil		Exercise books		Notebook		Pencil	
	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE
Region 1												
Region 2												
Region 3												
Region 13												
<b>National</b>												

SACMEQ I variables: XPMATEX, XPMANOT, XPMATPEN.

SACMEQ II variables: ZPMAT01, ZPMAT02, ZPMAT03.

SACMEQ I			SACMEQ II		
Question No.	Original Variable	Linked to Constructs	Question No.	Original Variable	Linked to Constructs
PQ22.1	PMATEX	XPMATEX (0 =1) (1 thru 97=0)	PQ21.1	PMAT01	ZPMAT01 (0 =1) (1 thru 97=0)
PQ22.2	PMATNOTE	XPMANOT (0 =1) (1 thru 97=0)	PQ21.2	PMAT02	ZPMAT02 (0 =1) (1 thru 97=0)
PQ22.3	PMATPENC	XPMATPEN (0 =1) (1 thru 97=0)	PQ21.3	PMAT03	ZPMAT03 (0 =1) (1 thru 97=0)

**Table 6.5(b).** Percentages and sampling errors for shortages of basic classroom materials: Eraser, pen, and ruler. (SACMEQ I and SACMEQ II)

Region	SACMEQ I						SACMEQ II					
	Eraser		Pen		Ruler		Eraser		Pen		Ruler	
	%	SE	%	SE	%	SE	%	SE	%	SE	%	SE
Region 1												
Region 2												
Region 3												
Region 13												
<b>National</b>												

SACMEQ I variables: XPMATERA, XPMATBPN, XPMATRUL.

SACMEQ II variables: ZPMAT05, ZPMAT07, ZPMAT06.

SACMEQ I			SACMEQ II		
Question No.	Original Variable	Linked to Constructs	Question No.	Original Variable	Linked to Constructs
PQ22.5	PMATERAS	XPMATERA (0 =1) (1 thru 97=0)	PQ21.5	PMAT05	ZPMAT05 (0 =1) (1 thru 97=0)
PQ22.6	PMATBPEN	XPMATBPN (0 =1) (1 thru 97=0)	PQ21.7	PMAT07	ZPMAT07 (0 =1) (1 thru 97=0)
PQ22.4	PMATRUL	XPMATRUL (0 =1) (1 thru 97=0)	PQ21.6	PMAT06	ZPMAT06 (0 =1) (1 thru 97=0)