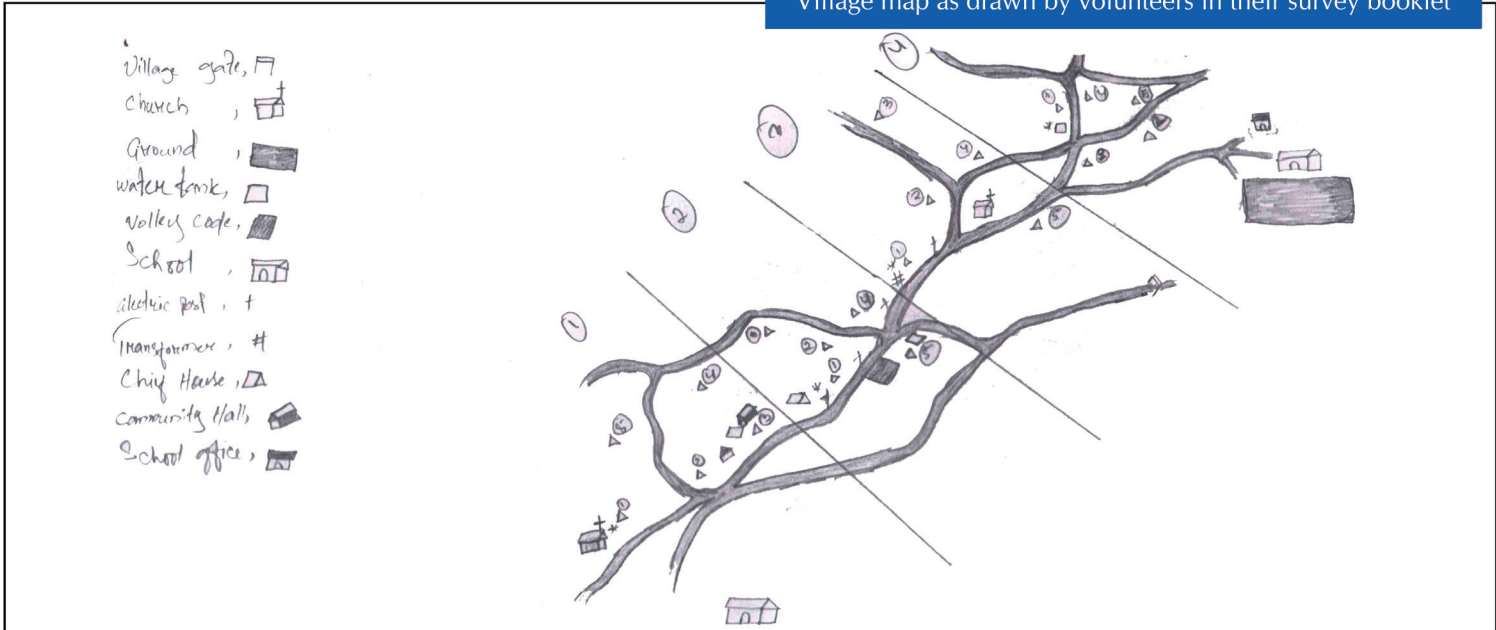




Manipur

Village map as drawn by volunteers in their survey booklet



School enrollment

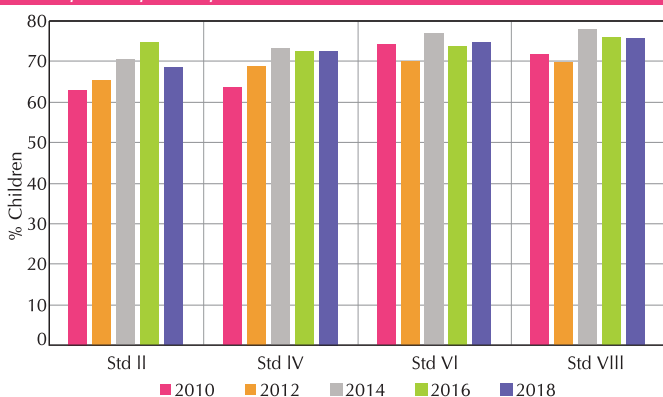
Table 1: % Children enrolled in different types of schools by age group and gender 2018

Age group	Govt	Pvt	Other	Not in school	Total
Age 6-14: All	28.0	70.4	0.3	1.3	100
Age 7-16: All	27.6	70.3	0.3	1.9	100
Age 7-10: All	27.0	71.8	0.2	0.9	100
Age 7-10: Boys	27.4	71.6	0.0	1.0	100
Age 7-10: Girls	26.9	71.7	0.5	0.9	100
Age 11-14: All	28.0	70.1	0.4	1.6	100
Age 11-14: Boys	25.9	72.0	0.5	1.6	100
Age 11-14: Girls	29.9	68.3	0.2	1.6	100
Age 15-16: All	28.2	65.6	0.1	6.1	100
Age 15-16: Boys	25.9	67.1	0.0	7.0	100
Age 15-16: Girls	30.1	64.3	0.2	5.4	100

'Other' includes children going to Madarsa or EGS.

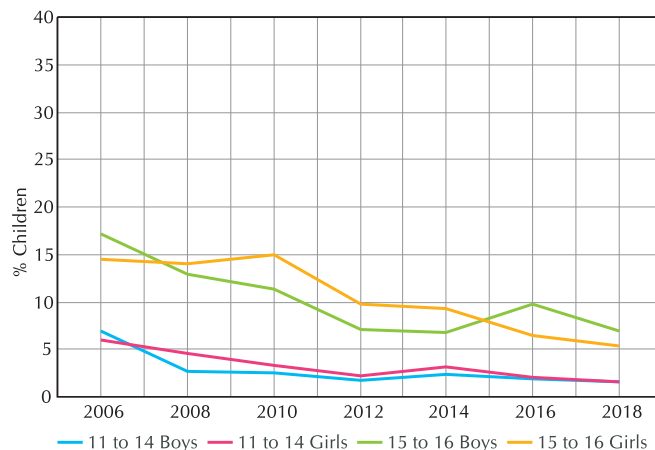
'Not in school' includes children who never enrolled or have dropped out.

Chart 2: Trends over time
% Children enrolled in private schools in Std II, IV, VI and VIII
2010, 2012, 2014, 2016 and 2018



The proportion of children going to private school often varies by grade. There are also changes over time. For example, in 2018 private school enrollment in Std II is 68.7% as compared to 75.7% in Std VIII.

Chart 1: Trends over time
% Children not enrolled in school by age group and gender
2006, 2008, 2010, 2012, 2014, 2016 and 2018



Each line shows trends in the proportion of children not enrolled in school for a particular subset of children. For example, the proportion of girls (age 15-16) not enrolled in school was 14.5% in 2006, 9.7% in 2012, and 5.4% in 2018.

Table 2: Age-grade distribution
% Children in each grade by age 2018

Age	≤5	6	7	8	9	10	11	12	13	14	15	16	Total
I	11.4	30.1	38.0	14.7					5.8			100	
II	3.1	10.3	31.9	32.2	12.8	6.8				3.0		100	
III	1.7	8.9	27.0	28.5	20.7	8.3				5.0		100	
IV	1.4	7.9		22.9	35.5	17.4	10.0				5.0	100	
V	2.3	6.5			27.3	31.0	20.4	9.1				3.6	100
VI	1.7	10.0			28.4	36.1	15.7	6.1			2.0	100	
VII	2.2	10.5				32.1	31.3	16.7			7.3	100	
VIII	1.5	13.5			30.4	33.4	16.7			4.6	100		

This table shows the age distribution for each grade. For example, of all children in Std III, 27% children are 8 years old but there are also 8.9% who are 7, 28.5% who are 9, 20.7% who are 10, 8.3% who are 11, and 5% who are 12 or older.

Young children in pre-school and school

Table 3: % Children age 3-8 enrolled in different types of pre-schools and schools 2018

Age	Pre-school			School			Not in pre-school or school	Total
	Anganwadi	Govt LKG/UKG	Pvt LKG/UKG	Govt	Pvt	Other		
Age 3	16.2	15.2	21.9	0.0	0.8	0.0	46.0	100
Age 4	11.4	22.6	41.7	2.3	2.0	0.0	19.9	100
Age 5	5.6	22.7	59.3	4.6	4.3	0.0	3.5	100
Age 6	9.4	10.7	41.6	14.1	23.4	0.2	0.7	100
Age 7	8.3	5.4	15.9	17.9	51.7	0.1	0.7	100
Age 8	4.0	2.8	7.9	22.9	61.1	0.5	0.7	100



Data is not presented where sample size is insufficient.

Reading

ASER learning assessments are conducted in the household. Children in the age group 5-16 are assessed. Assessments are conducted in 19 languages across the country. The type of school in which children are enrolled (government or private) is also recorded.

Table 4: % Children by grade and reading level
All children 2018

Std	Not even letter	Letter	Word	Std I level text	Std II level text	Total
I	4.1	34.8	45.2	11.8	4.1	100
II	2.1	22.3	31.4	25.0	19.2	100
III	0.9	12.3	20.5	30.5	35.8	100
IV	0.2	6.8	11.4	21.2	60.5	100
V	0.0	6.4	9.5	16.6	67.5	100
VI	0.2	2.9	8.2	12.7	75.9	100
VII	0.7	2.1	5.5	10.4	81.4	100
VIII	0.0	1.8	3.0	8.7	86.5	100

The reading tool is a progressive tool. Each row shows the variation in children's reading levels within a given grade. For example, among children in Std III, 0.9% cannot even read letters, 12.3% can read letters but not words or higher, 20.5% can read words but not Std I level text or higher, 30.5% can read Std I level text but not Std II level text, and 35.8% can read Std II level text. For each grade, the total of these exclusive categories is 100%.

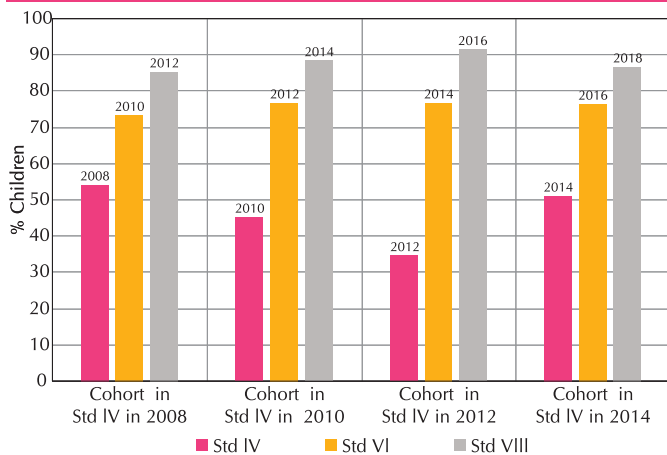
Table 5: Trends over time
Reading in Std III by school type
2012, 2014, 2016 and 2018

Year	% Children in Std III who can read Std II level text		
	Govt	Pvt	Govt & Pvt*
2012	21.1	36.4	31.2
2014	17.3	40.2	34.5
2016	21.9	37.5	32.2
2018	24.5	42.2	35.8

* This is the weighted average for children in government and private schools only.

The highest level in the ASER reading assessment is a Std II level text. Table 5 shows the proportion of children in Std III who can read Std II level text. This figure is a proxy for "grade level" reading for Std III. Data for children enrolled in government schools and private schools is shown separately.

Chart 3: Trends over time
% Children who can read Std II level text
Cohorts of children in Std IV in 2008, 2010, 2012 and 2014



This graph shows the progress of four cohorts from Std IV to Std VIII. For example, the first cohort was in Std IV in 2008, in Std VI in 2010, and in Std VIII in 2012. For this cohort, % children who could read Std II level text in Std IV (in 2008) was 54.2% and in Std VI (in 2010) was 73.4%. When the cohort reached Std VIII in 2012, this figure was 85.3%. The progress of each of these cohorts can be understood in the same way.

Reading Tool (English)

Std II level text	Std I level text
<p>A big tree stood in a garden. It was alone and lonely. One day a bird came and sat on it. The bird held a seed in its beak. It dropped the seed near the tree. A small plant grew there. Soon there was another tree. The big tree was happy.</p>	<p>Rani likes her school. Her class is in a big room. Rani has a bag and a book. She also has a pen.</p>
<p>Letters</p> <p>e d w s c g h z i q</p>	<p>Words</p> <p>hand star bus cat book day few old sing bold</p>

Table 6: Trends over time
Reading in Std V and Std VIII by school type
2012, 2014, 2016 and 2018

Year	% Children in Std V who can read Std II level text			% Children in Std VIII who can read Std II level text		
	Govt	Pvt	Govt & Pvt*	Govt	Pvt	Govt & Pvt*
2012	46.9	71.0	63.6	68.1	92.6	85.3
2014	43.1	74.7	66.6	72.2	92.9	88.3
2016	64.7	73.5	70.7	82.4	94.2	91.4
2018	50.6	74.0	67.6	72.5	90.9	86.5

* This is the weighted average for children in government and private schools only.



Data is not presented where sample size is insufficient.

Arithmetic

ASER learning assessments are conducted in the household. Children in the age group 5-16 are assessed. Assessments are conducted in 19 languages across the country. The type of school in which children are enrolled (government or private) is also recorded.

Table 7: % Children by grade and arithmetic level
All children 2018

Std	Not even 1-9	Recognize numbers		Subtract	Divide	Total
		1-9	10-99			
I	2.0	11.6	75.1	7.2	4.1	100
II	1.4	5.1	56.6	27.7	9.3	100
III	0.3	1.9	39.3	35.5	23.1	100
IV	0.2	1.0	24.7	30.4	43.8	100
V	0.0	0.4	22.6	26.5	50.5	100
VI	0.2	0.0	16.9	24.3	58.6	100
VII	0.7	0.5	14.8	20.8	63.2	100
VIII	0.0	0.1	11.3	16.1	72.5	100

The arithmetic tool is a progressive tool. Each row shows the variation in children's arithmetic levels within a given grade. For example, among children in Std III, 0.3% cannot even recognize numbers 1-9, 1.9% can recognize numbers up to 9 but cannot recognize numbers up to 99 or higher, 39.3% can recognize numbers up to 99 but cannot do subtraction, 35.5% can do subtraction but cannot do division, and 23.1% can do division. For each grade, the total of these exclusive categories is 100%.

Arithmetic Tool (English)

Number recognition 1-9		Number recognition 10-99		Subtraction		Division
5	7	74	23	63 - 44	51 - 35	7) 898
8	4	91	86	92 - 48	71 - 35	4) 659
2	9	24	79	45 - 27	34 - 19	8) 946
3	1	37	61	43 - 29	46 - 17	6) 757
		58	14			

Ask the child to recognize any 5 numbers. At least 4 must be correct. Ask the child to recognize any 5 numbers. At least 4 must be correct. Ask the child to do any 2 subtraction problems. Both must be correct. Ask the child to do any 1 division problem. It must be correct.

Table 8: Trends over time
Arithmetic in Std III by school type
2012, 2014, 2016 and 2018

Year	% Children in Std III who can do at least subtraction		
	Govt	Pvt	Govt & Pvt*
2012	38.4	61.1	53.3
2014	52.0	61.9	59.4
2016	53.2	63.0	59.7
2018	53.5	61.5	58.6

* This is the weighted average for children in government and private schools only.

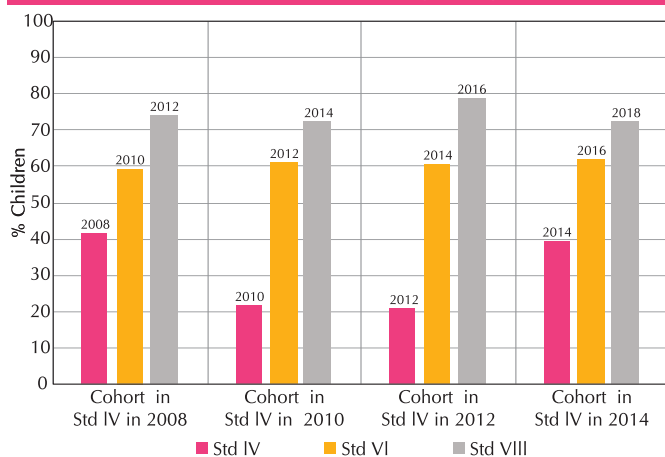
In most states, children are expected to do 2-digit by 2-digit subtraction with borrowing by Std II. Table 8 shows the proportion of children in Std III who can do subtraction. This figure is a proxy for "grade level" arithmetic for Std III. Data for children enrolled in government schools and private schools is shown separately.

Table 9: Trends over time
Arithmetic in Std V and Std VIII by school type
2012, 2014, 2016 and 2018

Year	% Children in Std V who can do division			% Children in Std VIII who can do division		
	Govt	Pvt	Govt & Pvt*	Govt	Pvt	Govt & Pvt*
2012	26.5	52.9	44.7	58.1	80.5	73.9
2014	43.1	58.7	54.7	48.3	79.2	72.5
2016	46.9	55.1	52.5	67.3	82.1	78.6
2018	38.4	55.2	50.6	62.3	75.7	72.5

* This is the weighted average for children in government and private schools only.

Chart 4: Trends over time
% Children who can do division
Cohorts of children in Std IV in 2008, 2010, 2012 and 2014



This graph shows the progress of four cohorts from Std IV to Std VIII. For example, the first cohort was in Std IV in 2008, in Std VI in 2010, and in Std VIII in 2012. For this cohort, % children who were at division level in Std IV (in 2008) was 41.7% and in Std VI (in 2010) was 59.2%. When the cohort reached Std VIII in 2012, this figure was 73.9%. The progress of each of these cohorts can be understood in the same way.



Data is not presented where sample size is insufficient.

Basic reading and arithmetic

Table 10: Basic reading by age group and gender 2018

Age group	% Children who can read Std II level text		
	Male	Female	All
Age 8-10	39.6	41.4	40.5
Age 11-13	71.5	70.3	70.9
Age 14-16	82.7	89.1	86.1

Table 11: Basic arithmetic by age group and gender 2018

Age group	% Children who can do at least subtraction			% Children who can do division		
	Male	Female	All	Male	Female	All
Age 8-10	57.4	56.2	56.8	29.1	27.1	28.1
Age 11-13	81.0	76.6	78.8	57.6	54.2	55.9
Age 14-16	83.4	85.6	84.6	67.6	69.1	68.4

Beyond basics

These questions were asked only to children in the age group 14-16. For each task, the surveyor showed the visual and read out the question to the child. The exact answer given by the child was recorded. The results are reported only for those children who were able to do at least subtraction correctly.

Calculating time

If this girl sleeps at this time at night and wakes up at this time in the morning, then for how many hours does she sleep?

Applying unitary method

If 3 tablets are needed to purify 15 litres of water, how many tablets are needed to purify 35 litres of water?

Financial decision making

These 5 books are available in two shops in a market. If you have to buy all 5 books, what is the least amount of money you would have to spend?

Shop 1 - Rate list		Shop 2 - Rate list	
Name of book	Price	Name of book	Price
Science	₹50	Science	Special Offer!! Set of 5 books for ₹299 Only
Math	₹80	Math	
Hindi	₹30	Hindi	
English	₹70	English	
History	₹40	History	

Calculating discount

This is the price of this T-shirt and it is available on a discount of 10 percent. If you were to buy this T-shirt, how much money would you need to spend?

Table 12: Of all children who can do subtraction but not division, % children who can correctly answer by age and gender 2018

Age	Calculating time			Applying unitary method			Financial decision making			Calculating discount		
	Male	Female	All	Male	Female	All	Male	Female	All	Male	Female	All
Age 14	33.7	40.5	37.7	34.8	30.1	32.1	7.5	8.8	8.3	16.1	20.2	18.5
Age 15	38.6	38.8	38.7	55.9	22.1	40.5	14.2	2.7	8.9	16.0	21.9	18.7
Age 16	55.6	43.5	47.3	19.7	15.8	17.0	5.4	0.0	1.7	13.6	4.7	7.5
Age 14-16	39.4	40.9	40.2	40.9	24.1	31.3	9.9	4.8	7.0	15.6	16.3	16.0

Table 13: Of all children who can do division, % children who can correctly answer by age and gender 2018

Age	Calculating time			Applying unitary method			Financial decision making			Calculating discount		
	Male	Female	All	Male	Female	All	Male	Female	All	Male	Female	All
Age 14	40.9	48.0	44.9	51.8	47.0	49.1	8.7	9.7	9.2	30.0	32.7	31.5
Age 15	41.9	40.4	41.1	60.7	47.4	53.7	11.8	9.9	10.8	30.5	31.1	30.8
Age 16	55.6	38.7	45.7	40.7	47.9	44.9	9.2	16.6	13.5	37.2	29.2	32.5
Age 14-16	43.7	43.9	43.8	53.1	47.3	49.9	9.9	11.1	10.5	31.4	31.6	31.5



School observations

In each sampled village, the largest government school with primary sections is visited on the day of the survey. Information about schools in this report is based on these visits.

**Table 14: Trends over time
Number of schools visited
2010, 2014, 2016 and 2018**

	2010	2014	2016	2018
Primary schools (Std I-IV/V)	97	100	107	89
Upper primary schools (Std I-VII/VIII)	28	79	73	69
Total schools visited	125	179	180	158

**Table 15: Trends over time
Student and teacher attendance on the day of visit
2010, 2014, 2016 and 2018**

Primary schools (Std I-IV/V)	2010	2014	2016	2018
% Enrolled children present (Average)	66.1	57.0	56.7	57.8
% Teachers present (Average)	70.8	63.5	65.2	66.9
Upper primary schools (Std I-VII/VIII)	2010	2014	2016	2018
% Enrolled children present (Average)	71.3	52.6	53.9	56.1
% Teachers present (Average)	75.1	70.6	71.2	70.0

**Table 16: Trends over time
Multigrade classes
2010, 2014, 2016 and 2018**

Primary schools (Std I-IV/V)	2010	2014	2016	2018
% Schools where Std II children were observed sitting with one or more other classes	40.7	39.3	49.5	50.0
% Schools where Std IV children were observed sitting with one or more other classes	35.2	38.5	50.0	42.9
Upper primary schools (Std I-VII/VIII)	2010	2014	2016	2018
% Schools where Std II children were observed sitting with one or more other classes	28.0	25.7	36.7	36.5
% Schools where Std IV children were observed sitting with one or more other classes	20.0	23.2	29.5	32.8

School facilities

**Table 17: Trends over time
% Schools with selected facilities
2010, 2014, 2016 and 2018**

% Schools with		2010	2014	2016	2018
Mid-day meal	Kitchen shed for cooking mid-day meal	58.4	52.8	51.5	61.6
	Mid-day meal served in school on day of visit	47.8	34.5	49.4	46.4
Drinking water	No facility for drinking water	84.6	75.8	80.8	88.9
	Facility but no drinking water available	10.3	8.4	4.0	4.6
	Drinking water available	5.1	15.7	15.3	6.5
Total		100	100	100	100
Toilet	No toilet facility	21.4	15.6	9.0	14.7
	Facility but toilet not useable	38.5	31.3	47.2	40.4
	Toilet useable	40.2	53.1	43.8	44.9
	Total	100	100	100	100
Girls' toilet	No separate provision for girls' toilet	78.5	64.3	50.3	64.0
	Separate provision but locked	4.7	10.8	17.9	15.4
	Separate provision, unlocked but not useable	8.4	5.1	7.3	5.2
	Separate provision, unlocked and useable	8.4	19.8	24.5	15.4
	Total	100	100	100	100
Library	No library	90.8	82.0	88.3	91.0
	Library but no books being used by children on day of visit	3.4	15.2	8.3	5.8
	Library books being used by children on day of visit	5.9	2.8	3.3	3.2
	Total	100	100	100	100
Electricity	Electricity connection		36.3	55.6	
	Of schools with electricity connection, % schools with electricity available on day of visit		59.0	74.7	
Computer	No computer available for children to use	91.5	83.7	85.0	91.0
	Available but not being used by children on day of visit	5.9	11.2	10.6	5.8
	Computer being used by children on day of visit	2.5	5.1	4.4	3.2
	Total	100	100	100	100



Data is not presented where sample size is insufficient.

Other school indicators

In each sampled village, the largest government school with primary sections is visited on the day of the survey. Information about schools in this report is based on these visits.

**Table 18: Trends over time
 % Schools with total enrollment of 60 or less
 2010, 2014, 2016 and 2018**

	2010	2014	2016	2018
Primary schools (Std I-IV/V)	40.4	74.5	73.3	78.2
Upper primary schools (Std I-VII/VIII)	17.9	25.3	34.8	44.8

Table 19: Physical education and sports in schools 2018

% Schools with		Std I-IV/ V	Std I-VII/ VIII	All schools
Dedicated time for physical education	Physical education period in the timetable	3.7	15.2	8.8
	No physical education period but dedicated time allotted	13.6	22.7	17.7
	No physical education period and no dedicated time allotted	82.7	62.1	73.5
	Total	100	100	100
Physical education teacher	Separate physical education teacher	2.5	6.2	4.1
	Other physical education teacher	17.5	13.9	15.9
	No physical education teacher	80.0	80.0	80.0
	Total	100	100	100
Playground	Playground inside the school premises	50.0	73.1	60.1
	Playground outside the school premises	20.9	11.9	17.0
	No accessible playground	29.1	14.9	22.9
	Total	100	100	100
Availability of any sports equipment		41.2	58.5	48.7
Supervised physical education activity observed on day of visit		9.4	13.2	11.1

**Table 20: School Management Committee (SMC) in schools
 2014, 2016 and 2018**

	2014	2016	2018
% Schools which reported having an SMC	87.6	94.2	97.5
Of all schools that have an SMC, % schools that had the last SMC meeting			
Before July	35.5	33.1	23.8
Between July and September	59.7	38.6	58.0
After September	4.8	28.4	18.2

