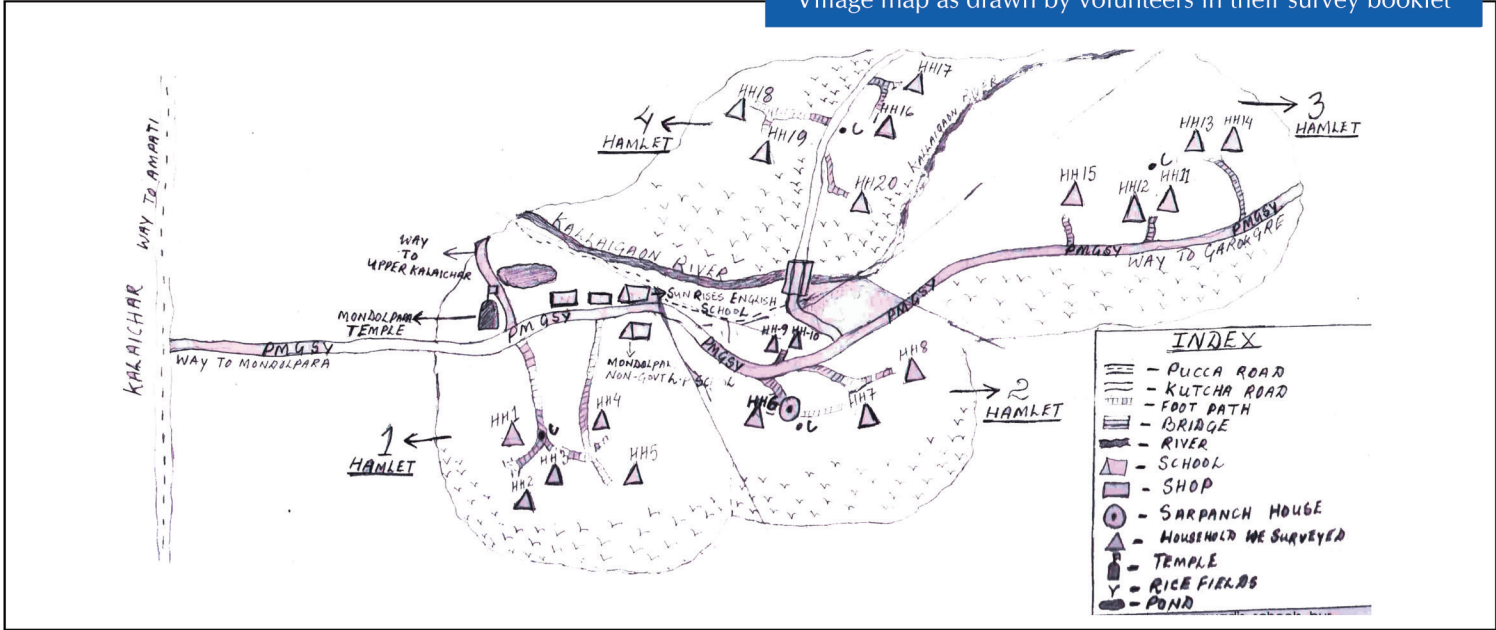




Meghalaya

Village map as drawn by volunteers in their survey booklet



School enrollment

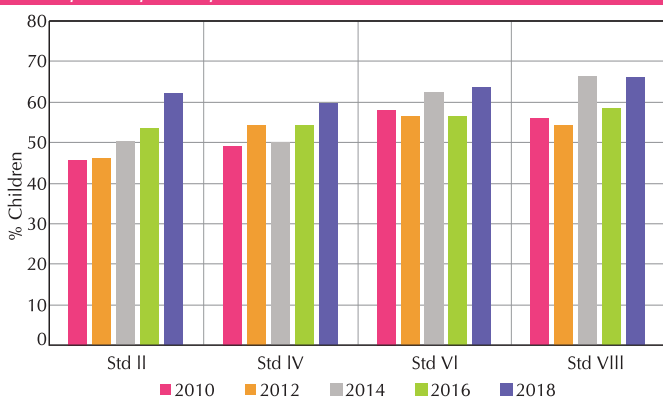
Table 1: % Children enrolled in different types of schools by age group and gender 2018

Age group	Govt	Pvt	Other	Not in school	Total
Age 6-14: All	35.7	58.6	0.5	5.3	100
Age 7-16: All	35.5	58.0	0.5	6.0	100
Age 7-10: All	31.1	64.0	0.4	4.5	100
Age 7-10: Boys	31.0	62.8	0.5	5.7	100
Age 7-10: Girls	31.4	64.9	0.3	3.5	100
Age 11-14: All	40.3	54.6	0.6	4.6	100
Age 11-14: Boys	39.0	53.2	0.5	7.3	100
Age 11-14: Girls	41.5	55.9	0.7	2.0	100
Age 15-16: All	32.3	55.0	0.4	12.3	100
Age 15-16: Boys	31.8	52.2	0.2	15.9	100
Age 15-16: Girls	32.3	57.9	0.6	9.2	100

'Other' includes children going to Madarsa or EGS.

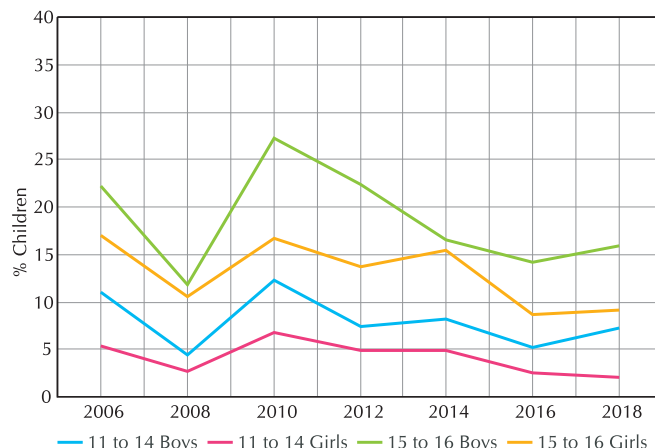
'Not in school' includes children who never enrolled or have dropped out.

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 62% as compared to 66.3% 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 17.1% in 2006, 13.7% in 2012, and 9.2% in 2018.

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

Std \ Age	≤5	6	7	8	9	10	11	12	13	14	15	16	Total	
I	10.6	25.3	27.5	12.6	10.8	5.8	7.4						100	
II	3.7	5.3	17.5	27.8	15.5	14.5	8.3	7.4					100	
III	1.7	5.9	16.1	24.7	19.7	13.0	10.3	8.7					100	
IV	5.8		15.6		22.1	19.3	16.5	10.7	6.1	3.9			100	
V	5.6			15.6		21.2	21.6	18.5	11.0	6.6			100	
VI	1.2				6.1	15.1	20.8	25.9	16.1	8.0	6.9			100
VII	3.2					13.1		24.7	25.0	18.7	15.3			100
VIII	4.8				21.3		27.9	28.9	17.1				100	

This table shows the age distribution for each grade. For example, of all children in Std III, 16.1% children are 8 years old but there are also 5.9% who are 7, 24.7% who are 9, 19.7% who are 10, 13% who are 11, 10.3% who are 12, and 8.7% who are 13 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	9.1	8.3	16.5	0.4	0.4	0.0	65.4	100
Age 4	9.5	19.6	41.1	0.3	3.1	0.0	26.4	100
Age 5	7.9	25.3	49.6	3.8	4.4	0.0	8.9	100
Age 6	13.6	22.1	34.7	6.8	16.9	0.0	6.0	100
Age 7	16.8	13.5	21.4	13.9	30.9	0.1	3.3	100
Age 8	11.9	13.7	11.6	16.9	41.7	0.0	4.1	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	12.3	47.9	29.6	7.2	3.0	100
II	5.9	33.5	32.6	16.5	11.7	100
III	1.9	19.0	29.6	24.9	24.6	100
IV	0.9	14.6	21.7	25.7	37.2	100
V	0.2	6.9	17.0	25.9	50.1	100
VI	0.2	3.6	9.3	25.1	61.8	100
VII	0.2	3.6	8.3	18.3	69.6	100
VIII	0.4	2.2	6.0	8.7	82.8	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, 1.9% cannot even read letters, 19% can read letters but not words or higher, 29.6% can read words but not Std I level text or higher, 24.9% can read Std I level text but not Std II level text, and 24.6% can read Std II level text. For each grade, the total of these exclusive categories is 100%.

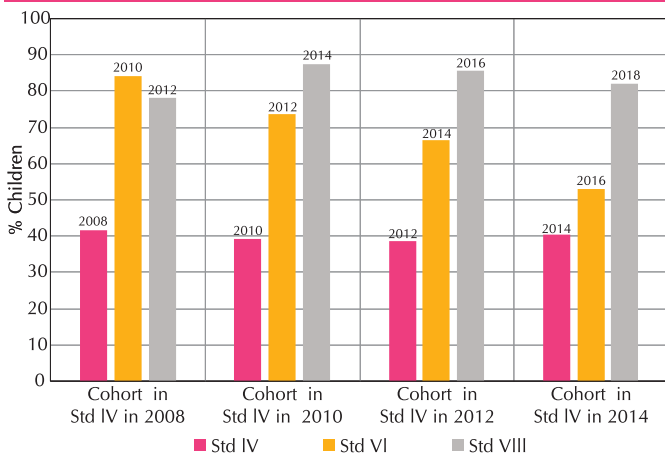
Table 5: Trends over time Reading in Std III by school type 2012, 2014, 2016 and 2018

Year	% Children in Std III who can read Std II level text		
	Govt	Pvt	Govt & Pvt*
2012	23.9	38.7	30.1
2014	23.2	25.2	24.3
2016	16.9	22.1	19.6
2018	19.6	28.0	24.7

* 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 42% and in Std VI (in 2010) was 84.5%. When the cohort reached Std VIII in 2012, this figure was 78.6%. 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>Salma is a little girl. She had a pretty doll. She loved playing with her doll. One day the doll fell from her hand to the floor. It broke into many pieces. Salma was very sad. She cried a lot. Her mother gave her another doll. Now she is happy again.</p>	<p>Ravi is a boy. He has many friends. He loves to draw. He does not like to sing.</p>
<p>Letters</p> <p>b s o k m y r h t x</p>	<p>Words</p> <p>ring bad ball cold king clap foot fan girl crow</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	58.4	69.3	64.5	69.0	86.6	78.4
2014	46.1	69.1	58.3	86.8	88.6	88.0
2016	41.3	53.0	47.6	84.5	87.2	86.0
2018	38.9	58.1	50.2	76.9	85.5	82.5

* 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	11.1	39.9	47.7	1.1	0.2	100
II	4.3	21.8	66.3	7.2	0.4	100
III	2.8	11.3	66.8	18.1	1.2	100
IV	1.7	7.3	58.8	26.2	6.0	100
V	0.2	3.5	53.0	36.2	7.2	100
VI	0.6	1.7	45.1	39.2	13.3	100
VII	0.3	1.3	37.1	42.9	18.5	100
VIII	0.4	1.2	32.9	37.5	28.1	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, 2.8% cannot even recognize numbers 1-9, 11.3% can recognize numbers up to 9 but cannot recognize numbers up to 99 or higher, 66.8% can recognize numbers up to 99 but cannot do subtraction, 18.1% can do subtraction but cannot do division, and 1.2% 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
1	4	51	83	46 - 29	63 - 39	7)879
7	3	37	65	47 - 28	45 - 17	6)824
6	9	55	26	92 - 76	84 - 57	8)985
5	2	91	43	52 - 14	66 - 48	4)517
		36	27			

Ask the child to recognize any 6 numbers. At least 4 must be correct. Ask the child to recognize any 6 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	27.7	32.7	29.9
2014	23.1	33.8	28.8
2016	21.6	23.0	22.3
2018	14.2	22.6	19.3

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

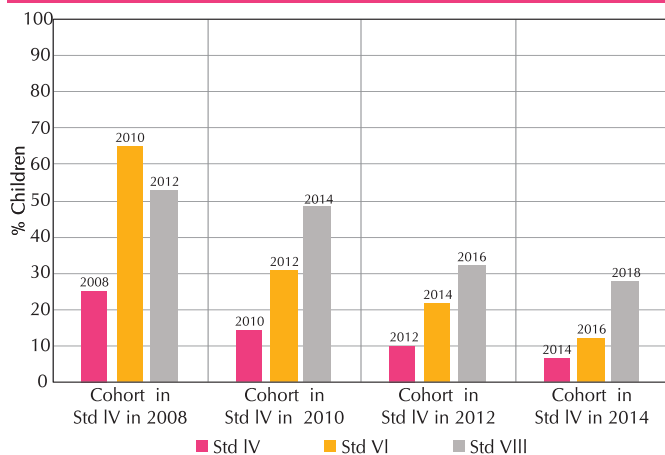
In most states, children are expected to do 2-digit by 2-digit subtraction with borrowing by Std II. Table 8 shows the proportion of children in Std III who can do subtraction. This figure is a proxy for "grade level" arithmetic for Std III. Data for children enrolled in government schools and private 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	17.3	20.1	18.8	37.5	65.0	52.5
2014	5.9	15.4	10.9	45.8	49.6	48.3
2016	11.4	10.0	10.6	30.2	33.9	32.2
2018	4.7	8.8	7.1	23.3	30.3	27.9

* 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 24.9% and in Std VI (in 2010) was 65.1%. When the cohort reached Std VIII in 2012, this figure was 52.8%. 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	18.9	24.9	21.9
Age 11-13	41.2	53.6	47.6
Age 14-16	63.3	72.3	68.0

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	15.3	19.8	17.5	1.9	4.3	3.1
Age 11-13	39.8	42.7	41.3	7.5	11.8	9.7
Age 14-16	54.4	59.6	57.1	17.2	23.1	20.2

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 40 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	Special Offer!! Set of 5 books for ₹ 299 Only	Science	₹ 80
Math		Math	₹ 30
Hindi		Hindi	₹ 70
English		English	₹ 60
History		History	₹ 40

Calculating discount

10% 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	20.6	41.2	28.9	25.7	19.6	23.2	14.4	25.4	19.6	7.0	0.0	4.2
Age 15	33.9	27.2	30.0	35.1	23.1	28.1	10.1	19.6	14.8	14.9	8.4	11.1
Age 16	37.4	18.0	27.6	42.9	35.5	39.2	45.8	46.0	45.9	1.4	5.4	3.5
Age 14-16	29.2	28.3	28.8	33.6	26.4	30.1	21.6	30.5	26.1	7.0	4.8	5.9

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	29.5	50.5	42.8	27.5	38.2	34.2	83.3	27.0	47.0	8.8	14.9	12.6
Age 15	29.8	46.7	38.8	30.2	45.2	38.2	33.7	14.4	23.2	18.7	15.0	16.8
Age 16	56.4	51.8	53.8	50.9	35.4	42.2	29.7	43.6	39.0	17.4	5.6	10.8
Age 14-16	39.6	49.8	45.4	37.2	39.4	38.5	48.4	31.4	37.7	15.7	11.6	13.4



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)	101	114	118	127
Upper primary schools (Std I-VII/VIII)	9	15	11	16
Total schools visited	110	129	129	143

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

All schools (Std I-IV/V and Std I-VII/VIII)	2010	2014	2016	2018
% Enrolled children present (Average)	75.5	73.8	74.8	74.9
% Teachers present (Average)	93.0	88.3	83.0	86.6

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

All schools (Std I-IV/V and Std I-VII/VIII)	2010	2014	2016	2018
% Schools where Std II children were observed sitting with one or more other classes	64.7	66.9	59.8	76.8
% Schools where Std IV children were observed sitting with one or more other classes	61.3	60.7	59.0	75.0

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	60.6	83.3	86.7	84.5
	Mid-day meal served in school on day of visit	51.9	40.7	47.9	47.9
Drinking water	No facility for drinking water	70.6	71.7	72.2	76.1
	Facility but no drinking water available	5.5	11.8	7.9	8.5
	Drinking water available	23.9	16.5	19.8	15.5
Total		100	100	100	100
Toilet	No toilet facility	34.9	20.2	2.3	7.0
	Facility but toilet not useable	40.6	41.1	45.7	48.3
	Toilet useable	24.5	38.8	51.9	44.8
	Total	100	100	100	100
Girls' toilet	No separate provision for girls' toilet	64.8	52.5	29.4	37.3
	Separate provision but locked	9.1	19.8	24.8	20.9
	Separate provision, unlocked but not useable	11.4	10.9	7.3	11.9
	Separate provision, unlocked and useable	14.8	16.8	38.5	29.9
	Total	100	100	100	100
Library	No library	78.0	76.4	71.3	89.4
	Library but no books being used by children on day of visit	6.4	1.6	6.2	7.8
	Library books being used by children on day of visit	15.6	22.1	22.5	2.8
	Total	100	100	100	100
Electricity	Electricity connection		16.8	15.9	
	Of schools with electricity connection, % schools with electricity available on day of visit		38.9	80.0	
Computer	No computer available for children to use	97.3	98.5	98.3	97.9
	Available but not being used by children on day of visit	1.8	0.8	0.9	1.4
	Computer being used by children on day of visit	0.9	0.8	0.9	0.7
	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
All schools (Std I-IV/V and Std I-VII/VIII)	71.0	68.6	69.9	69.0

Table 19: Physical education and sports in schools 2018

% Schools with		All schools (Std I-IV/V and Std I-VII/VIII)
Dedicated time for physical education	Physical education period in the timetable	22.0
	No physical education period but dedicated time allotted	18.2
	No physical education period and no dedicated time allotted	59.9
	Total	100
Physical education teacher	Separate physical education teacher	6.8
	Other physical education teacher	15.8
	No physical education teacher	77.4
	Total	100
Playground	Playground inside the school premises	54.3
	Playground outside the school premises	13.6
	No accessible playground	32.1
	Total	100
Availability of any sports equipment		19.7
Supervised physical education activity observed on day of visit		8.6

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

	2014	2016	2018
% Schools which reported having an SMC	91.3	78.9	90.1
Of all schools that have an SMC, % schools that had the last SMC meeting			
Before July	56.1	48.2	32.5
Between July and September	41.1	39.5	48.8
After September	2.8	12.4	18.7

