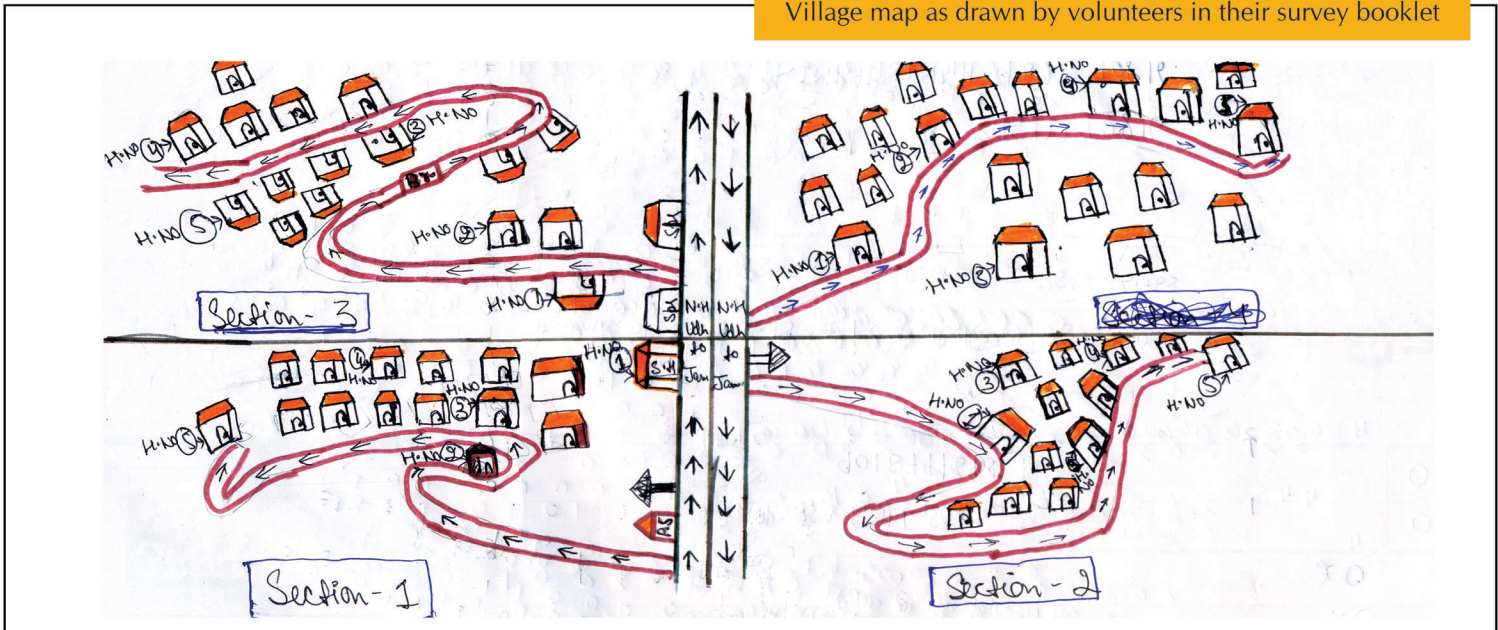


Jammu and Kashmir

Village map as drawn by volunteers in their survey booklet



Jammu and Kashmir RURAL

ANALYSIS BASED ON DATA FROM HOUSEHOLDS. 14 OUT OF 22 DISTRICTS
Data is not presented where sample size is insufficient.

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	58.3	40.1	0.4	1.3	100
Age 7-16: All	59.6	37.3	0.4	2.7	100
Age 7-10: All	54.9	44.3	0.3	0.6	100
Age 7-10: Boys	50.1	49.3	0.2	0.4	100
Age 7-10: Girls	59.8	39.1	0.3	0.8	100
Age 11-14: All	61.0	36.8	0.5	1.8	100
Age 11-14: Boys	58.5	39.9	0.5	1.2	100
Age 11-14: Girls	63.4	33.7	0.4	2.4	100
Age 15-16: All	67.4	22.5	0.3	9.9	100
Age 15-16: Boys	66.2	26.6	0.1	7.1	100
Age 15-16: Girls	68.5	18.6	0.4	12.5	100

'Other' includes children going to Madarsa or EGS.

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

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		23.3	30.3	25.6	13.4	7.5							100	
II		5.9	13.6	25.2	35.2	12.1	5.1	2.9					100	
III		3.5		13.9	26.9	34.7	15.0	6.0					100	
IV		4.5			14.3	23.6	39.4	9.9	6.3	2.0			100	
V		5.2			10.6		32.9	27.9	16.9	6.5			100	
VI		3.8				13.6		27.5	39.6	10.0	5.6			100
VII		5.8					9.9		31.0	37.9	10.9	4.5		100
VIII		3.4						15.8		30.6	37.5	8.5	4.2	100

This table shows the age distribution for each grade. For example, of all children in Std III, 26.9% children are 8 years old but there are also 13.9% who are 7, 34.7% who are 9, 15% who are 10, and 6% who are 11 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	56.6	3.5	12.0	2.8	0.8	0.0	24.2	100
Age 4	31.8	10.1	31.6	7.9	2.9	0.1	15.5	100
Age 5	9.7	13.4	42.3	18.8	9.8	0.0	6.1	100
Age 6	2.9	10.8	30.2	34.9	19.3	0.3	1.8	100
Age 7	0.3	3.2	15.1	44.5	35.9	0.1	0.9	100
Age 8	0.4	0.5	5.3	53.3	39.9	0.4	0.3	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	17.8	38.1	28.6	10.5	5.1	100
II	8.1	31.0	35.1	16.0	9.8	100
III	3.2	19.8	34.3	20.5	22.3	100
IV	1.6	17.0	31.4	23.0	27.0	100
V	1.1	11.2	24.5	21.2	41.9	100
VI	1.1	7.3	17.6	23.3	50.6	100
VII	0.4	6.9	15.4	24.4	52.9	100
VIII	1.1	4.6	8.5	21.0	64.8	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, 3.2% cannot even read letters, 19.8% can read letters but not words or higher, 34.3% can read words but not Std I level text or higher, 20.5% can read Std I level text but not Std II level text, and 22.3% 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 and 2018

Year	% Children in Std III who can read Std II level text		
	Govt	Pvt	Govt & Pvt*
2012	10.9	44.1	26.3
2014	10.0	29.9	20.0
2016			
2018	5.4	42.0	22.1

* 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.



Reading Tool (English)

Std II level text	Std I level text
<p>Gita is a little girl. Her mother gave her a book. It had lots of stories and nice pictures. Gita read it every morning on her way to school. She learned many words. That made her teacher happy. The teacher gave Gita another book. It had more stories. She showed it to all her friends.</p>	<p>Amar goes to the market. It is very far away. He takes the bus. The bus takes four hours.</p>
<p>Letters</p> <p>m t z f k i a r v p</p>	<p>Words</p> <p>both step cup out rope dog hat key wish doll</p>

Table 6: Trends over time
Reading in Std V and Std VIII by school type
2012, 2014 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	24.6	64.1	41.2	54.3	84.7	64.5
2014	21.0	58.8	38.7	54.4	76.5	63.9
2016						
2018	24.3	69.1	42.0	55.5	83.0	65.0

* 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	16.5	33.3	41.3	7.8	1.1	100
II	6.8	24.4	48.1	18.4	2.3	100
III	2.3	16.3	45.2	30.2	6.0	100
IV	1.7	13.1	40.8	30.4	14.1	100
V	1.2	7.2	35.8	30.7	25.1	100
VI	0.7	6.1	34.4	32.4	26.4	100
VII	0.3	5.8	32.0	33.8	28.1	100
VIII	0.3	3.4	30.3	33.1	32.9	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, 2.3% cannot even recognize numbers 1-9, 16.3% can recognize numbers up to 9 but cannot recognize numbers up to 99 or higher, 45.2% can recognize numbers up to 99 but cannot do subtraction, 30.2% can do subtraction but cannot do division, and 6% 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
3	7	65	38	41 - 13	64 - 48	7)928
1	4	92	23	84 - 49	73 - 36	6)769
8	2	47	72	56 - 37	31 - 13	8)987
5	9	54	87	45 - 18	53 - 24	4)519
29	11					

Ask the child to recognize any 2 numbers. At least 1 must be correct.
 Ask the child to recognize any 2 numbers. At least 1 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 and 2018

Year	% Children in Std III who can do at least subtraction		
	Govt	Pvt	Govt & Pvt*
2012	18.9	64.2	39.7
2014	22.8	59.2	41.1
2016			
2018	20.2	55.0	36.1

* 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 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	7.8	39.3	21.2	25.0	60.3	36.9
2014	13.7	38.0	25.0	27.6	55.1	39.3
2016						
2018	13.6	42.6	25.1	25.3	47.3	32.9

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



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	24.2	25.0	24.6
Age 11-13	50.5	53.5	52.0
Age 14-16	72.1	69.5	70.7

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	39.5	34.6	37.2	11.0	9.5	10.3
Age 11-13	62.8	62.3	62.6	29.5	25.5	27.5
Age 14-16	71.9	68.0	69.8	41.2	35.2	37.9

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 25 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	₹ 50
English		English	₹ 60
History		History	₹ 40

Calculating discount

Sale!!!
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	32.0	40.7	37.2	40.7	42.6	41.8	16.5	13.3	14.6	14.1	13.1	13.5
Age 15	30.3	42.7	37.6	51.9	38.8	44.1	23.9	17.4	20.1	18.1	11.4	14.2
Age 16	28.3	44.8	37.1	49.2	26.7	37.3	22.4	15.5	18.7	14.5	15.7	15.1
Age 14-16	30.2	42.6	37.3	47.2	36.6	41.1	20.9	15.3	17.7	15.5	13.3	14.2

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	48.1	37.0	42.2	57.5	44.5	50.7	21.6	14.7	18.0	34.0	28.8	31.2
Age 15	52.5	43.6	48.0	44.9	59.1	52.2	22.5	26.7	24.7	27.2	15.0	20.9
Age 16	44.6	49.4	46.9	48.8	41.8	45.4	19.8	22.4	21.1	29.9	24.8	27.4
Age 14-16	48.5	43.0	45.7	50.2	48.9	49.6	21.4	21.3	21.3	30.3	22.7	26.4



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
2014 and 2018**

	2010	2014	2016	2018
Primary schools (Std I-IV/V)		92		53
Upper primary schools (Std I-VII/VIII)		251		323
Total schools visited		343		376

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

All schools (Std I-IV/V and Std I-VII/VIII)	2010	2014	2016	2018
% Enrolled children present (Average)		73.9		76.9
% Teachers present (Average)		83.2		82.4

**Table 16: Trends over time
Multigrade classes
2014 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		65.9		60.8
% Schools where Std IV children were observed sitting with one or more other classes		61.0		51.7

School facilities

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

% Schools with		2010	2014	2016	2018
Mid-day meal	Kitchen shed for cooking mid-day meal		75.5		86.3
	Mid-day meal served in school on day of visit		74.7		77.3
Drinking water	No facility for drinking water		41.4		36.6
	Facility but no drinking water available		7.0		8.9
	Drinking water available		51.6		54.6
Total			100		100
Toilet	No toilet facility		17.0		4.6
	Facility but toilet not useable		24.9		22.5
	Toilet useable		58.1		73.0
	Total		100		100
Girls' toilet	No separate provision for girls' toilet		34.4		30.2
	Separate provision but locked		10.0		7.4
	Separate provision, unlocked but not useable		8.9		14.3
	Separate provision, unlocked and useable		46.7		48.2
	Total		100		100
Library	No library		45.6		41.1
	Library but no books being used by children on day of visit		26.3		32.3
	Library books being used by children on day of visit		28.1		26.6
	Total		100		100
Electricity	Electricity connection				31.2
	Of schools with electricity connection, % schools with electricity available on day of visit				58.7
Computer	No computer available for children to use		91.2		82.8
	Available but not being used by children on day of visit		6.2		12.6
	Computer being used by children on day of visit		2.6		4.6
	Total		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
 2014 and 2018**

	2010	2014	2016	2018
All schools (Std I-IV/V and Std I-VII/VIII)		55.9		52.4

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	41.0
	No physical education period but dedicated time allotted	27.0
	No physical education period and no dedicated time allotted	32.0
	Total	100
Physical education teacher	Separate physical education teacher	23.4
	Other physical education teacher	30.1
	No physical education teacher	46.5
	Total	100
Playground	Playground inside the school premises	56.6
	Playground outside the school premises	16.1
	No accessible playground	27.3
	Total	100
Availability of any sports equipment		76.2
Supervised physical education activity observed on day of visit		24.1

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

	2014	2016	2018
% Schools which reported having an SMC	84.4		85.2
Of all schools that have an SMC, % schools that had the last SMC meeting			
Before July	19.3		22.2
Between July and September	41.3		65.3
After September	39.4		12.5

