

Annual Status of Education Report

अक्षर  
ASER

2015

RURAL

Facilitated by PRATHAM

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# FINDINGS FROM PUNJAB



# SAMPLE DESCRIPTION: ASER SURVEY

# 1. WHAT IS THE SAMPLE DESCRIPTION OF THE ASER SURVEY?

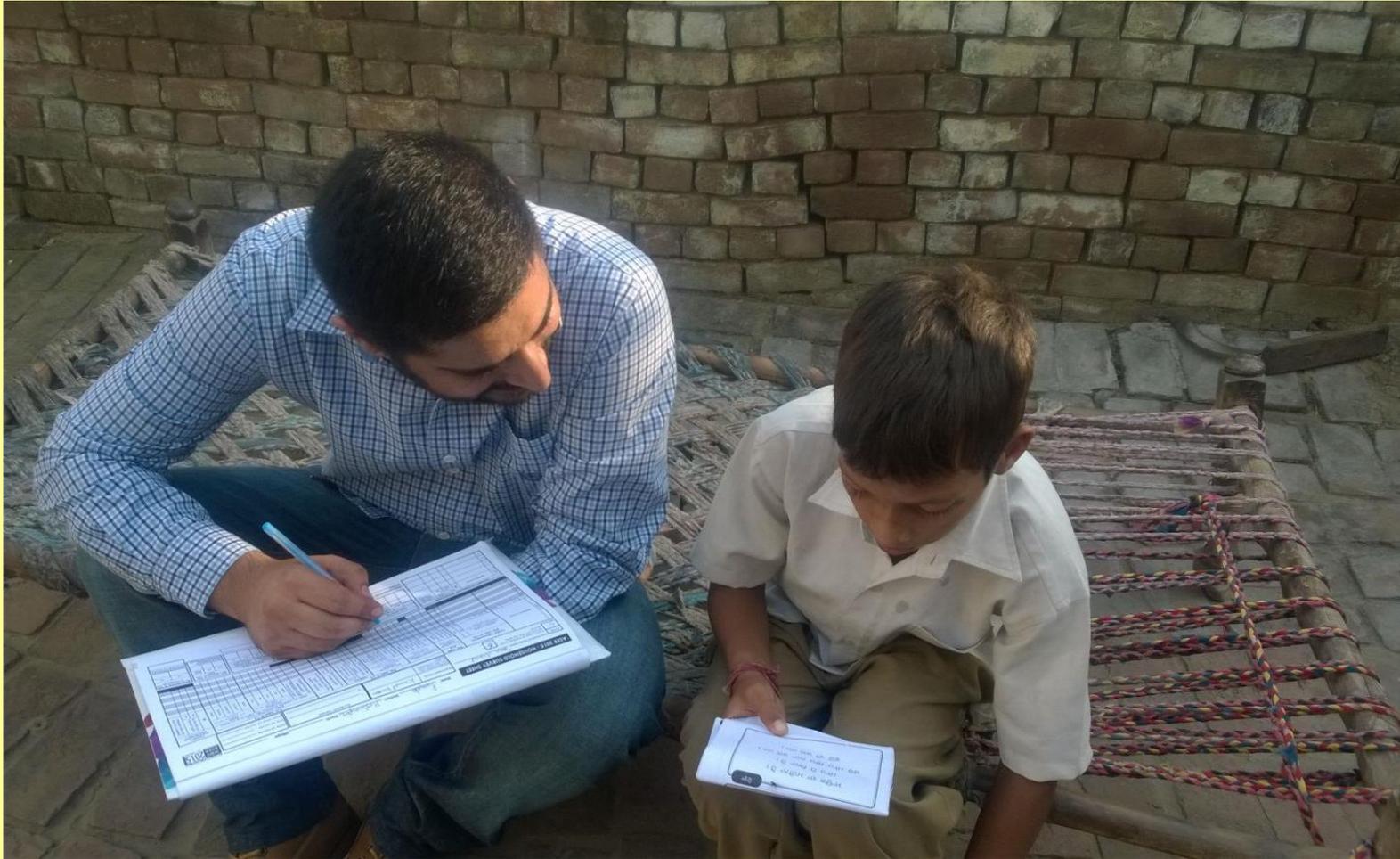
## SAMPLE SIZE AND PROCESS

Year	Districts surveyed	Villages surveyed	Households surveyed	Number of children surveyed		
				Age 3-5	Age 6-14	Age 15-16
2006	18	522	10686	3267	13241	3064
2007	19	536	10715	3512	15516	2403
2008	19	546	11337	3189	14036	2600
2009	19	519	9702	2900	11535	2400
2010	19	543	11247	3344	12723	2339
2011	19	550	11222	2948	11616	1880
2012	19	552	10848	2661	9858	1936
2013	19	550	10701	2491	9552	1756
2014	19	531	11156	2448	9070	1801
2015	20	593	11840	2687	8727	1727

### Sampling process:

ASER samples households, not children. All children age 3-16 who are resident in sampled households are included in the survey. Enrolment information is recorded for all such children, while learning assessments are done with children in the 5-16 age group.

In each district, 30 villages are sampled from the Census 2001 village list using Probability Proportional to Size (PPS), a widely used sampling technique. In each village, 20 households are randomly sampled.



# ARE CHILDREN GOING TO SCHOOL IN PUNJAB?

# 2. ARE CHILDREN GOING TO SCHOOL IN PUNJAB?

## SCHOOL ENROLMENT & OUT OF SCHOOL CHILDREN

Data from ASER 2015 - Punjab

Age group	Govt.	Pvt.	Other	Not in school	Total
Age: 6-14 ALL	48.5	50.0	0.1	1.5	100
Age: 7-16 ALL	50.0	47.1	0.1	2.8	100
Age: 7-10 ALL	45.1	54.0	0.1	0.8	100
Age: 11-14 ALL	52.9	44.8	0.0	2.3	100
Age: 15-16 ALL	54.4	37.2	0.0	8.4	100

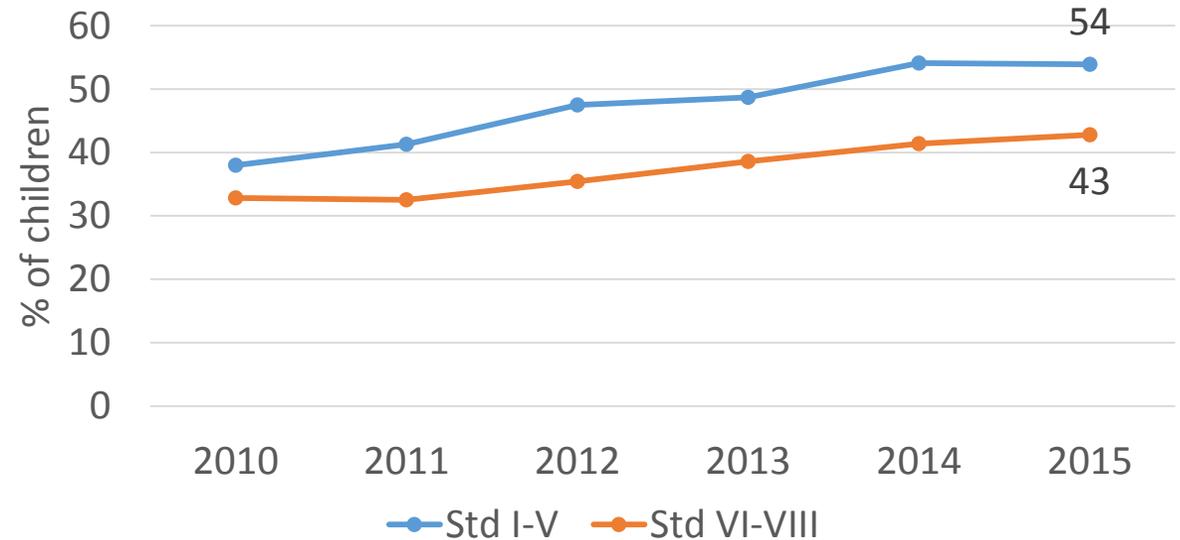
'Others' includes children going to Madrasa and EGS.

'Not in school' = dropped out + never enrolled

- **High enrolment** for the age group 6-14 years.
- **Private school enrolment** for this age group is slightly higher (1.5%) than the govt school enrolment
- There still remains a high percentage of children **out of school** in the age group 15-16

**Private school enrolment** is higher for children in the primary grades and it has been increasing over the years.

Private school enrolment





# ARE SCHOOL FACILITIES IMPROVING?

# 3. ARE SCHOOL FACILITIES IMPROVING?

## RTE INDICATORS

561 government schools with primary sections were visited as part of the ASER 2015 survey in Punjab.

Of all the schools visited, % of schools which have:	ASER 2012	ASER 2013	ASER 2014	ASER 2015
Meeting pupil teacher ratio norms	34.6	45.4	64.0	60.5
Library available and books <b>being used</b>	46.0	34.6	39.7	<b>48.4</b>
Boundary wall	83.0	89.2	88.9	88.9
Playground	71.0	62.0	70.6	64.8
Midday meal <b>available</b>	95.5	94.1	92.7	95.5
<i>Note: ASER figures based on visits to govt schools in a randomly sampled village on a day in Sept-Oct-Nov</i>				

**Significant improvement** in library facilities in government schools and also with respect to midday meals.



# 3. ARE SCHOOL FACILITIES IMPROVING?

## RTE INDICATORS

561 government schools with primary sections were visited as part of the ASER 2015 survey in Punjab.

Of all the schools visited, % of schools which have:	ASER 2012	ASER 2013	ASER 2014	ASER 2015
Drinking water available and useable	82.8	81.5	81.0	<b>91.2</b>
Toilets available and useable	70.5	80.5	79.2	75.7
Separate Girl's Toilet available and useable	65.6	74.0	71.6	69.7
<i>Note: ASER figures based on visits to govt schools in a randomly sampled village on a day in Sept-Oct-Nov</i>				

**Significant improvement** in drinking water facilities in government schools.



# ARE CHILDREN LEARNING?

Trends in basic reading and arithmetic levels



# 4. ARE CHILDREN LEARNING? HOW MUCH ARE CHILDREN READING?

ਪੜ੍ਹਨ ਦੀ ਜਾਂਚ SAMPLE (1)

Std II level text

ਕਹਾਣੀ

ਜੀਤੂ ਦੇ ਘਰ ਇੱਕ ਕੁੱਤਾ ਹੈ। ਉਸ ਦਾ ਨਾਮ ਜੈਕੀ ਹੈ। ਉਸ ਦਾ ਰੰਗ ਕਾਲਾ ਹੈ। ਇੱਕ ਦਿਨ ਰਾਤ ਨੂੰ ਉਹਨਾਂ ਦੇ ਘਰ ਚੋਰ ਆ ਗਏ। ਸਾਰੇ ਸੁੱਤੇ ਪਏ ਸਨ। ਜੈਕੀ ਨੂੰ ਚੋਰਾਂ ਦੀ ਅਵਾਜ਼ ਸੁਣਾਈ ਦਿੱਤੀ। ਉਸ ਨੇ ਜ਼ੋਰ-ਜ਼ੋਰ ਨਾਲ ਭੌਂਕਣਾ ਸ਼ੁਰੂ ਕਰ ਦਿੱਤਾ। ਅਵਾਜ਼ ਸੁਣ ਕੇ ਸਾਰੇ ਉੱਠ ਗਏ। ਜੀਤੂ ਨੇ ਚੋਰਾਂ ਨੂੰ ਫੜ ਲਿਆ। ਉਹਨਾਂ ਨੇ ਚੋਰਾਂ ਨੂੰ ਪੁਲਿਸ ਦੇ ਹਵਾਲੇ ਕਰ ਦਿੱਤਾ।

Std I level text

ਪੈਰਾ

ਸਵੇਰ ਹੋ ਗਈ ਹੈ।  
 ਸੂਰਜ ਚਮਕ ਰਿਹਾ ਹੈ।  
 ਚਿੜੀਆਂ ਚੀਂ-ਚੀਂ ਕਰ ਰਹੀਆਂ ਹਨ।  
 ਬੱਚੇ ਸਕੂਲ ਜਾ ਰਹੇ ਹਨ।

ਅੱਖਰ

ਲ ਪ ਸ  
 ਕ ਗ  
 ਛ ਬ ਮ  
 ਟ ਰ

ਸ਼ਬਦ

ਹਾਰ ਖੁਰ  
 ਪਾਣੀ  
 ਮੈਲਾ ਸਿਰ  
 ਪੂਰਾ ਸੁਰ  
 ਤੇਲ  
 ਸ਼ੇਰ ਮੌਕਾ

ਅੱਖਰ/ਸ਼ਬਦ ਲਈ: ਬੱਚੇ ਨਾਲ ਕੋਈ 5 ਪੜ੍ਹਨ ਨੂੰ ਕਹੋ, ਖੱਟ ਤੋਂ ਖੱਟ 4 ਸਹੀ ਹੋਣੇ ਚਾਹੀਦੇ ਹਨ।

% Children enrolled in different grades who can read Std II level text (or higher)

Grade	ASER 2014	ASER 2015
Std III	33.6	<b>40.1</b>
Std V	66.5	64.5
Std VII	79.4	80.9

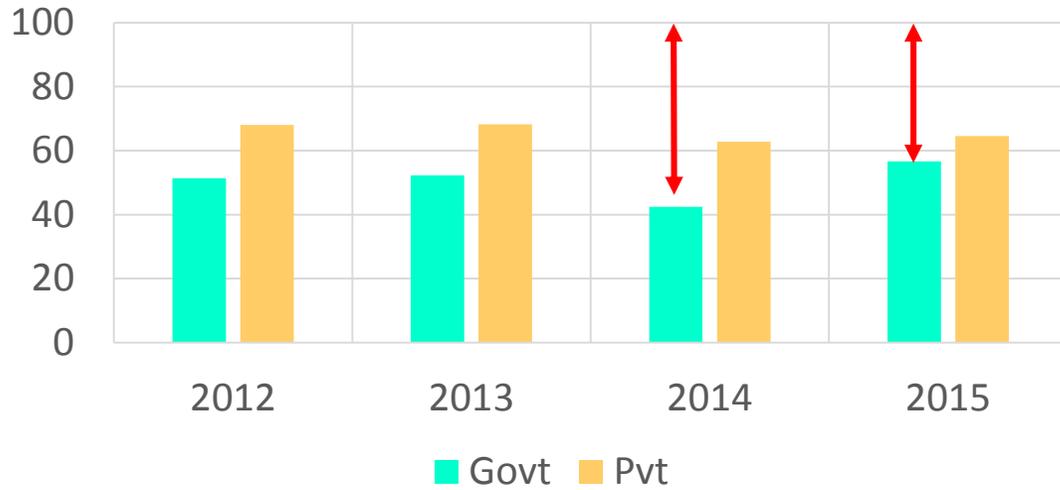
There has been a 7 percentage point improvement in the reading levels of children in Std III between ASER 2014 and ASER 2015.

**READING IS A FOUNDATIONAL SKILL AND WITHOUT BEING ABLE TO READ WELL, A CHILD CANNOT PROGRESS IN THE EDUCATION SYSTEM**

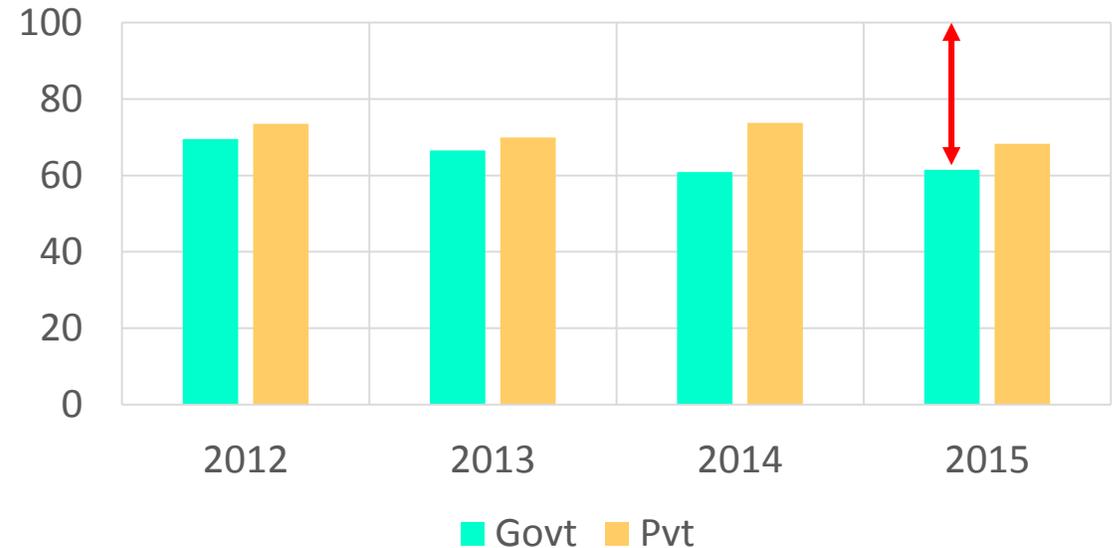
Although there is some improvement in reading levels in Std III, there still remains a **large scope of improvement** in the basic reading levels of children in primary schools in Punjab.

# 4. ARE CHILDREN LEARNING? HOW MUCH ARE CHILDREN READING?

% Children in Std III who can at least read a Std I level text:  
 Govt school children as compared to private school children



% Children in Std V who can read a Std II level text: Govt school children as compared to private school children



- Interestingly, according to ASER 2015, reading levels in government schools in Std III are higher than that for Std III in ASER 2014. There has been no major improvement in the reading levels of children in private schools for the same grade in the same period.
- For Std III, the gap in reading levels between the private school and government school children has decreased in 2015.
- However, the situation for Std V is relatively unchanged if ASER 2014 and 2015 figures are compared.

# 4. ARE CHILDREN LEARNING? WHAT ARE THE ARITHMETIC LEVELS OF CHILDREN?

ਗਣਿਤ ਦੀ		Std II level subtraction		ਭਾਗ
ਅੰਕ ਪਹਿਚਾਣ 1-9	ਸੰਖਿਆ ਪਹਿਚਾਣ 10-99			
1 4	51 83	$46 - 29$	$63 - 39$	$7 \overline{)879}$
7 3	37 65	$47 - 28$	$45 - 17$	$6 \overline{)824}$
6 9	55 26	$92 - 76$	$84 - 57$	$8 \overline{)985}$
5 2	91 43	$52 - 14$	$66 - 48$	$4 \overline{)517}$
	36 27			

ਬੱਚੇ ਨੂੰ ਕੋਈ ਵੀ 3 ਅੰਕ ਪਹਿਚਾਣ ਲਈ ਕਹੋ, ਘੱਟ ਤੋਂ ਘੱਟ 4 ਸਹੀ ਹੋਣੇ ਚਾਹੀਦੇ ਹਨ।

ਬੱਚੇ ਨੂੰ ਕੋਈ ਵੀ 3 ਸੰਖਿਆ ਪਹਿਚਾਣ ਲਈ ਕਹੋ, ਘੱਟ ਤੋਂ ਘੱਟ 4 ਸਹੀ ਹੋਣੀਆਂ ਚਾਹੀਦੀਆਂ ਹਨ।

ਬੱਚੇ ਨੂੰ ਕੋਈ 2 ਘੱਟਾਂ ਦੇ ਸਵਾਲ ਕਰਨ ਨੂੰ ਕਹੋ, ਦੋਵੇਂ ਸਹੀ ਹੋਣੇ ਚਾਹੀਦੇ ਹਨ।

ਬੱਚੇ ਨੂੰ ਕੋਈ ਵੀ 1 ਭਾਗ ਦਾ ਸਵਾਲ ਕਰਨ ਲਈ ਕਹੋ। ਉਹ ਸਹੀ ਹੋਣਾ ਚਾਹੀਦਾ ਹੈ।

% Children enrolled in different grades who can at least to subtraction		
Grade	ASER 2014	ASER 2015
Std III	47.6	56.6
Std IV	63.1	68.8
Std V	69.1	77.9

- There has been significant improvement in basic arithmetic levels of children in Std III, IV and V since the last year.
- The improvements in basic arithmetic are more substantial and visible in more grades as compared to the progress in reading for children in primary school.

**The improvement over the last year can serve as the basis of further improvements in the coming year.**

# 4. ARE CHILDREN LEARNING? CAN CHILDREN RECOGNIZE NUMBERS?

% Children in Std II WHO CAN AT LEAST RECOGNISE NUMBERS 0-9 and in Std III WHO CAN RECOGNISE NUMBERS 10-99			
Grade	% Children who can	ASER 2014	ASER 2015
Std II	recognize numbers 1-9	89.6	<b>96.0</b>
Std III	recognize numbers 11-99	57.6	<b>87.9</b>

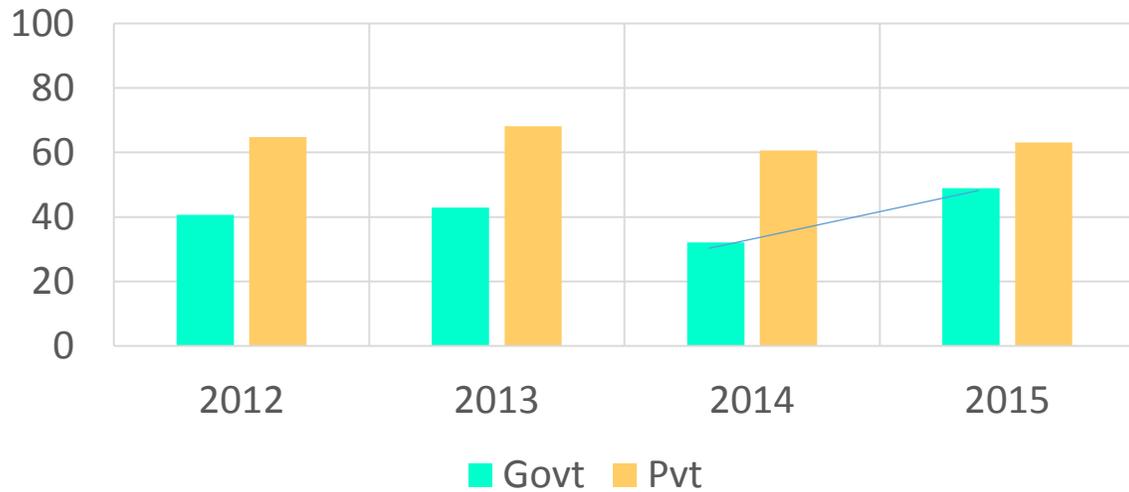
**Significant improvement** in the basic number recognition skills in children of lower grades.



# 4. ARE CHILDREN LEARNING? ARE CHILDREN ABLE TO DO BASIC OPERATIONS?

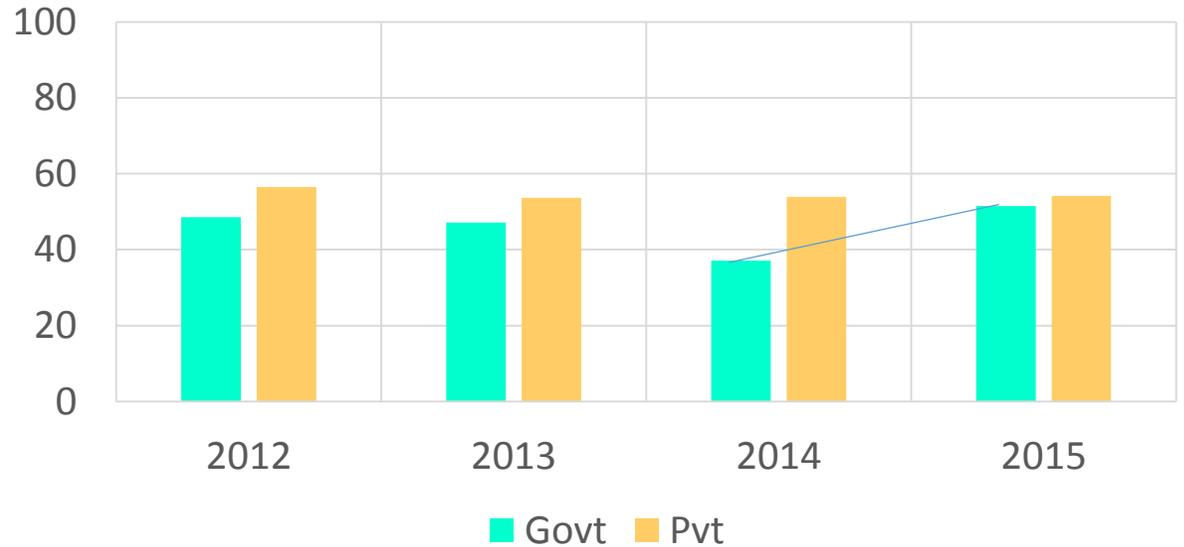
% Children in Std III who can do at least subtraction: Govt and private school children

45  
 - 17  
 \_\_\_\_\_



% Children in Std V who can do division: Govt & private school children

75  
 - 879



- Arithmetic levels for children in government schools have improved from 2014 to 2015.
- Need to build and strengthen the strategies that were used in the 2015-16 school year to improve arithmetic skills.
- The progress seen between ASER 2014 and 2015 can form the basis for future improvement programs.

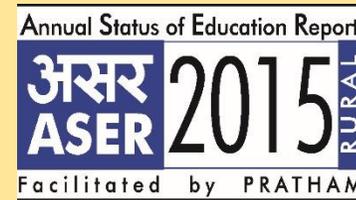
## 5. SUMMARY

### WHERE DID WE REACH AND WHAT CAN OUR NEXT STEPS BE?

There is an opportunity for improvement in the schooling and learning status of children in Punjab. Based on the ASER 2015 findings key points to focus on going forward are provided below:

- **ENROLMENT OF CHILDREN IN THE AGE GROUP 11-16** with a focus on girls.
- **IMPROVEMENT IN BASIC READING LEVELS** of children in the primary grades. If the improvement witnessed this year can be sustained and improved next year it will provide an impetus for children to avoid falling behind as they move through the school systems.
- **IMPROVEMENT IN BASIC ARITHMETIC LEVELS** of children with a focus on basic operations in the primary grades. There was an improvement in the arithmetic levels during the past year. But children remain far below the expected level. With a continued push to improve arithmetic levels, especially in government schools, the overall arithmetic levels can be adequately corrected over the next 1-2 years.

EVERY CHILD IN SCHOOL **AND** LEARNING WELL



**For more information:**

See [asercentre.org](http://asercentre.org) for all ASER reports

See [pratham.org](http://pratham.org) for how learning can be improved.

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