BIHAR RURAL

All analysis based on data from 37 out of 37 districts

Annual Status of Education Report
असर ASER 2007 RURAL
Facilitated by PRATHAM

Enrollment

	School enrollment and out of school children 2006 vs. 2007									
	2006					**2007**				
	% Children in each age group in different types of schools			**% Out of school**		**% Children in each age group in different types of schools**			**% Out of school**	
	Govt.	**Pvt.**	**Other (Madarsa + EGS)**	**Not in School**	**Total**	**Govt.**	**Pvt.**	**Other (Madarsa + EGS)**	**Not in School**	**Total**
Age: 6 -14 ALL	72.2	11.5	3.4	12.8	100	84.1	7.4	2.1	6.5	100
Age: 7-16 ALL	72.0	10.7	3.2	14.2	100	83.2	7.1	2.1	7.7	100
Age: 7- 10 ALL	72.6	12.7	3.7	11.1	100	84.7	7.7	2.2	5.4	100
Age: 7-10 BOYS	73.2	14.0	3.4	9.4	100	84.3	8.7	2.0	4.9	100
Age: 7-10 GIRLS	71.7	11.0	4.0	13.3	100	85.2	6.4	2.5	5.9	100
Age: 11-14 ALL	73.2	9.5	2.8	14.6	100	83.3	6.3	1.8	8.6	100
Age: 11-14 BOYS	75.2	10.3	2.2	12.3	100	83.6	7.0	1.6	7.7	100
Age: 11-14 GIRLS	70.4	8.4	3.5	17.6	100	82.9	5.4	2.0	9.7	100
Age: 15-16 ALL	66.2	5.5	2.1	26.2	100	73.6	6.2	2.3	17.9	100
Age: 15-16 BOYS	67.9	5.4	1.7	25.1	100	74.4	6.5	2.3	16.8	100
Age: 15-16 GIRLS	63.2	5.7	2.9	28.2	100	72.2	5.6	2.3	20.0	100

Note: "Not in school" includes children who have never gone to school or have dropped out.

Age and Class

Age-wise and class-wise distribution of children in sample

All children: Age-wise distribution

School children: Class-wise distribution
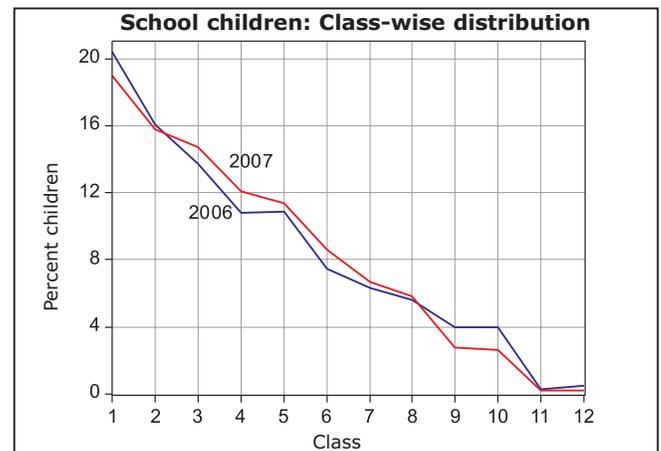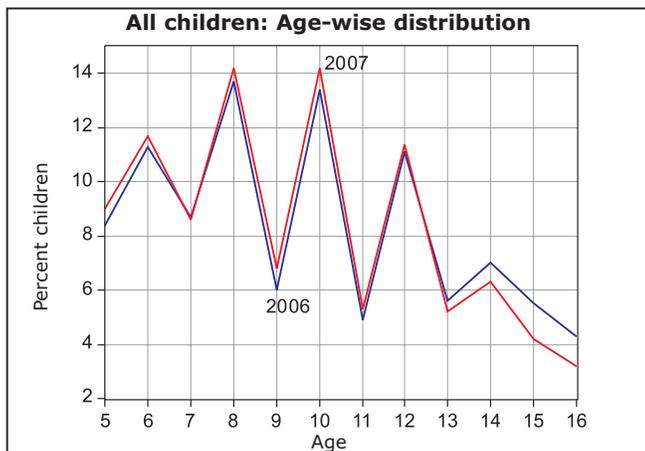
Young Children

	In pre-school (Balwadi/Anganwadi) or in school 2006 vs. 2007											
	2006						**2007**					
	% Children						**% Children**					
	In balwadi or anganwadi	**In School**			**Not going anywhere**	**Total**	**In balwadi or anganwadi**	**In School**			**Not going anywhere**	**Total**
		Govt.	**Pvt.**	**Other School**				**Govt.**	**Pvt.**	**Other School**		
Age: 3 ALL	47.4				52.6	100	63.9				36.1	100
Age: 4 ALL	56.4				43.7	100	71.0				29.1	100
Age: 5 ALL	29.6	33.4	7.4	2.0	27.6	100	20.4	59.5	6.1	1.8	12.2	100
Age: 6 ALL	0.4	68.2	12.6	4.1	14.8	100	6.4	76.3	7.8	2.2	7.3	100

Learning Level

Reading level: % Children who can read						
Std.	Nothing	Letter	Word	Level 1 (Std 1) Text	Level 2 (Std 2 text)	Total
I	37.3	40.6	15.2	3.4	3.5	100
II	11.3	29.0	33.0	14.3	12.3	100
III	5.0	15.4	25.8	25.6	28.2	100
IV	3.3	7.4	16.5	23.0	49.8	100
V	1.9	4.2	10.2	15.7	67.9	100
VI	1.4	2.8	5.6	11.6	78.7	100
VII	1.3	1.7	3.1	9.5	84.5	100
VIII	0.9	1.5	1.6	6.0	90.1	100
Total	11.0	17.2	16.8	14.1	41.0	100

Arithmetic level: % Children who can						
Std.	Nothing	Recognize Numbers 1-9	Recognize Numbers 10-99	Subtract	Divide	Total
I	39.7	35.9	16.6	5.5	2.3	100
II	14.3	27.2	32.1	18.7	7.8	100
III	6.9	15.4	22.4	33.4	22.0	100
IV	4.3	7.8	14.2	31.2	42.5	100
V	2.2	5.3	8.2	21.1	63.1	100
VI	1.7	3.0	4.9	16.8	73.6	100
VII	1.3	2.4	3.5	10.5	82.3	100
VIII	1.3	1.8	2.2	7.5	87.2	100
Total	12.4	16.2	15.8	18.9	36.7	100

Only subtraction and division data comparable with previous ASER.

Comparisons

ASER 2006 & 2007 : Reading Levels - All Schools

ASER 2007 : Govt. vs Pvt. Schools
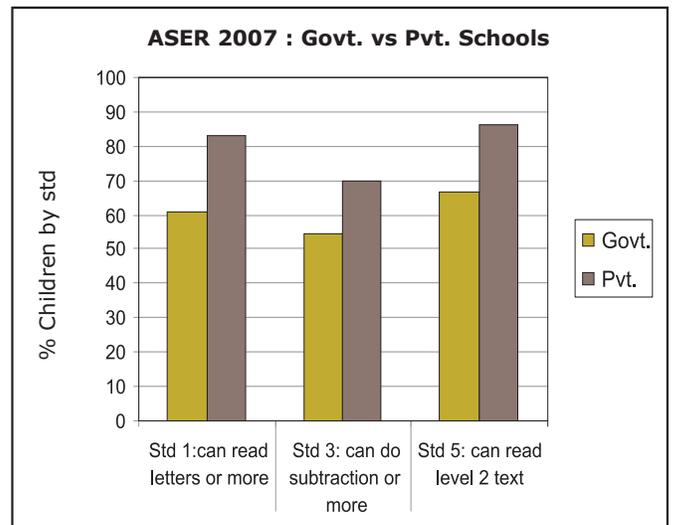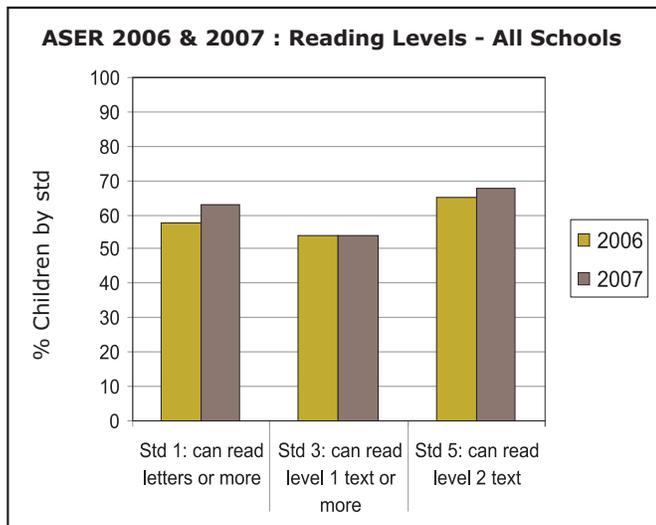
English reading level: % Children who						
Std.	Cannot read capital letters	Can read capital letters	Can read small letters	Can read simple words	Can read easy sentences	Total
I	60.2	23.6	10.2	4.4	1.6	100
II	31.6	29.2	20.9	13.3	5.1	100
III	16.9	21.7	22.6	25.8	13.0	100
IV	10.1	13.1	19.0	32.0	25.8	100
V	6.7	8.7	13.7	29.8	41.2	100
VI	4.2	6.0	8.9	26.1	54.8	100
VII	3.1	3.5	6.1	18.6	68.7	100
VIII	2.6	2.8	4.6	14.6	75.5	100
Total	22.6	16.6	14.7	19.6	26.5	100

English comprehension		
Std.	Of those who can read words, % who can tell meaning of the words	Of those who can read sentences, % who can tell meaning of sentences
I	39.4	63.1
II	43.9	74.9
III	52.2	81.8
IV	57.8	81.5
V	59.7	84.5
VI	62.5	87.7
VII	62.0	86.7
VIII	64.7	88.4
Total	55.8	85.1

Comprehension & Problem solving

Ability of children by reading level to read and answer orally

Children in age group : 6 to 10

Reading level	% Children in specific reading level	% at each level who can orally answer questions	
		based on Std 1 level text only	based on Std 2 level text
Word	21.7	10.4	7.2
Std 1 level text	16.0	62.0	24.8
Std 2 level text	28.2	89.8	85.9

Children in age group : 11 to 14

Reading level	% Children in specific reading level	% at each level who can orally answer questions	
		based on Std 1 level text only	based on Std 2 level text
Word	7.9	16.3	12.4
Std 1 level text	13.0	69.0	35.9
Std 2 level text	72.0	94.0	90.5

Ability of children by age to listen to a subtraction problem and answer

In-school children

Age group	% Children who can solve		
	None	Simple problem only	Both problems
6 to 8	73.9	4.0	21.4
9 to 10	41.3	5.5	52.2
11 to 14	21.3	4.8	73.0

Children not in-school

Age group	% Children who can solve		
	None	Simple problem only	Both problems
6 to 8	92.0	1.7	5.9
9 to 10	83.1	4.9	11.9
11 to 14	70.2	3.7	25.0

आज मामा आए हैं।
मिठाई साथ लाए हैं।
हम सब मिठाई खायेंगे।
फिर मामा से कहानी सुनेंगे।

प्र.1 मामा क्या लाये हैं?
प्र.2 आज कौन आया है?

एक खरगोश था। वह बहुत आलसी था। एक दिन वह पेड़ के नीचे आराम कर रहा था। अचानक उसने चींटी को देखा। चींटी पेड़ पर चढ़ रही थी और फिर नीचे उतर रही थी। खरगोश ने सोचा चींटी इतनी छोटी है, पर वह कितनी मेहनत करती है। उसे देख कर लगता है कि मुझे भी काम करना चाहिये।

प्र.3 खरगोश कहाँ आराम कर रहा था?
प्र.4 चींटी क्या कर रही थी?

(1) आपके पास 50 रूपये हैं। उनमें से आपने 25 रूपये की किताबें खरीदीं। अब आपके पास कितने रूपये बचे हैं?

(2) आपके पास 50 रूपये हैं। आपने 23 रूपये के फल खरीदे। अब आपके पास कितने रूपये बचे हैं?

Ability of children by arithmetic level to listen to a subtraction problem and answer

Children in age group : 6 to 10

Arithmetic level	% Children in specific arithmetic level	% Children in specific arithmetic level who can solve		
		None	Simple problem only	Both problems
Number recognition 10-99	19.8	83.1	4.3	11.6
Subtraction	21.4	48.8	10.6	39.4
Division	24.0	8.0	4.0	87.2

Children in age group : 11 to 14

Arithmetic level	% Children in specific arithmetic level	% Children in specific arithmetic level who can solve		
		None	Simple problem only	Both problems
Number recognition 10-99	8.1	75.6	4.4	18.9
Subtraction	16.7	35.5	12.1	51.2
Division	66.9	3.7	3.4	92.1

School going children attending tuition class

Std.	I	II	III	IV	V	VI	VII	VIII
% Children								
Govt. school	24.0	31.5	38.0	39.8	42.3	44.2	51.6	54.9
Pvt. school	53.3	56.5	64.0	65.0	66.4	67.2	70.3	65.6

School Observations: Schools visited - Primary (Std 1-4/5): 442; Primary+Upper-primary (Std 1-8): 454

Teacher attendance	2005		2007	
	Std. 1-4/5	Std. 1-8	Std. 1-4/5	Std. 1-8
% teachers attending (average)	79.6	75.6	86.2	85.8
% schools with no teacher present	5.1	2.1	0.5	0.2
% schools with all teachers present	50.8	32.2	57.0	46.3

Children's attendance	2005		2007	
	Std. 1-4/5	Std. 1-8	Std. 1-4/5	Std. 1-8
% enrolled children attending (average)	53.4	52.9	59.4	56.7
% schools with less than 50% enrolled children attending	38.1	42.7	29.9	34.6
% schools with 75% and more enrolled children attending	12.6	17.2	22.6	18.3

Pupil teacher ratio (median)	2005		2007	
	Std. 1-4/5	Std. 1-8	Std. 1-4/5	Std. 1-8
Based on children enrolled & teachers appointed	56.5	64.1	49.5	63.6
Based on children & teachers present	35.0	44.1	33.8	42.2

School grants and teacher grants	2006		2007*	
	Std. 2	Std. 4	Std. 2	Std. 4
	% Schools			
Teacher received TLM grant	59.2	52.2	30.1	29.0
School received school maintenance grant	67.7		41.2	

Water/toilet and midday meal	2005		2007	
	Std. 1-4/5	Std. 1-8	Std. 1-4/5	Std. 1-8
	% Schools			
Schools with no water provision	21.4	10.0	21.8	9.8
Schools with water provision but water not available	14.3	18.2	11.9	8.9
Schools with water provision and water available	64.3	71.8	66.3	81.3
Schools with no toilet provision	63.4	34.7	40.6	19.1
Schools with toilet provision but not being used	14.8	29.2	17.2	21.3
Schools with toilet provision and use	21.8	36.1	42.2	59.6
Schools with midday meal being served on that day	38.4	38.9	62.7	64.2

Multigrade classes	2007	
	Std. 1-4/5	Std. 1-8
Schools in which…	% Schools	
Std II class sits with another class	69.1	55.6
Std IV class sits with another class	64.2	52.6

Over 85% of classes that were visited have blackboards. In over 70% of these classes, children have textbooks, and in 80% of classes children have pens and note books.

Please note that while 2005 data was collected during ASER 2005, 2006 data reported in the Grants table was collected in ASER 2007 by asking for last year's grant information to the respondent.

Note: ASER 2007 survey was carried out in October and November 2007. One govt. school with primary grades was visited in the sampled village. If there was more than one govt. school with primary grades, then the school with the highest enrollment was visited. Hence the schools visited in the survey do not represent a random sample from the district. The school visits were generally done either on a Saturday or a Monday.

*Grants for 2007 may be lower than 2006 since the survey was conducted in the middle of the year.

Performance of districts

District	Pre- school	Out of school	Private school	Std 1-2 : Learning levels			Std 3-5 : Learning levels		
	% Children (Age 3-4) in **Anganwadi** or other pre-school	% Children (Age 6-14) **Out of school**	% Children (Age 6-14) in **Private school**	% Children (Std 1-2) who **CAN READ** letters, words or more in **OWN LANGUAGE**	% Children (Std 1-2) who **CAN RECOGNIZE NUMBERS** (1-9) or more	% Children (Std 1-2) who **CAN READ** letters or more in **ENGLISH**	% Children (Std 3-5) who **CAN READ** Level 1 (Std 1) text or more in **OWN LANGUAGE**	% Children (Std 3-5) who **CAN SUBTRACT** or do more	% Children (Std 3-5) who **CAN READ** sentences in **ENGLISH**
Pashchim Champaran	67.2	11.8	7.6	77.0	76.0	46.0	69.8	65.3	20.0
Purbi Champaran	85.6	1.9	5.6	91.6	89.0	76.7	77.9	84.6	41.7
Sheohar	44.4	9.9	3.6	60.0	55.6	36.8	48.5	48.6	17.1
Sitamarhi	44.4	14.6	5.6	83.3	77.3	48.2	79.7	74.6	20.7
Madhubani	63.3	3.5	3.5	78.4	72.1	53.2	70.5	72.2	34.4
Supaul	66.2	3.9	1.9	56.0	54.2	35.7	50.4	49.8	13.2
Araria	66.3	24.0	4.0	78.0	78.3	53.0	64.0	64.9	27.8
Kishanganj	60.6	7.9	6.7	75.5	75.8	54.3	54.2	55.1	5.1
Purnia	80.0	6.7	2.4	80.6	67.0	41.8	70.8	73.3	20.0
Katihar	62.1	2.3	1.4	81.4	78.0	59.0	59.2	68.1	15.0
Madhepura	78.1	15.1	3.7	87.5	91.0	80.9	83.1	85.6	52.4
Saharsa	40.7	10.8	9.2	83.5	81.8	61.1	82.6	76.0	14.8
Darbhanga	76.5	8.8	7.5	82.4	75.2	55.7	61.3	65.7	26.5
Muzaffarpur	39.7	3.2	6.2	64.1	62.5	43.3	55.4	47.4	11.9
Gopalganj	99.5	6.0	9.9	78.8	80.5	63.0	70.3	79.1	23.4
Siwan	74.6	2.0	17.6	70.8	65.4	49.9	56.7	52.1	19.2
Saran	58.8	10.2	7.5	82.4	75.3	62.8	62.8	67.9	22.1
Vaishali	89.8	0.6	14.4	63.6	58.9	56.6	69.4	69.7	32.3
Samastipur	56.8	2.8	6.3	65.4	57.3	42.2	73.8	71.4	19.2
Begusarai	86.9	7.7	12.3	84.3	88.2	67.3	78.7	87.8	26.7
Khagaria	45.5	11.3	8.3	75.1	71.6	54.8	70.6	72.8	22.0
Bhagalpur*		4.0	4.8	71.3	67.8	48.3	64.8	72.6	28.7
Banka	74.7	5.9	2.9	62.8	58.9	42.0	61.2	62.3	16.3
Munger	37.1	4.5	7.8	73.6	72.0	59.7	68.7	71.4	36.5
Lakhisarai	37.1	1.9	1.9	76.9	79.5	64.1	78.6	80.1	38.3
Sheikhpura	55.1	6.6	2.5	57.7	61.3	32.0	70.0	69.5	25.9
Nalanda	64.2	7.6	11.0	67.6	66.5	50.8	67.3	63.6	20.5
Patna	63.3	3.0	17.7	75.3	81.4	59.5	67.5	68.3	29.0
Bhojpur	71.2	4.8	10.2	74.1	75.5	53.2	59.8	68.1	19.9
Buxar	72.1	4.0	9.1	84.7	80.9	65.9	72.4	74.9	25.5
Kaimur (Bhabua)	74.8	1.0	8.5	80.0	76.2	56.2	79.1	73.3	29.9
Rohtas	73.2	5.0	14.2	76.4	73.0	47.9	65.9	63.3	12.6
Jehanabad	68.4	2.1	5.6	75.4	83.7	67.0	74.9	70.6	30.5
Aurangabad	96.4	4.3	4.0	92.1	90.1	86.3	89.2	90.8	63.2
Gaya	67.6	5.2	9.3	57.6	58.3	42.3	65.1	60.1	19.4
Nawada	46.1	13.6	6.4	75.9	80.4	55.8	78.8	81.3	29.2
Jamui	56.5	1.6	3.6	74.8	69.9	42.3	74.0	76.0	22.9
Total	**67.7**	**6.5**	**7.4**	**74.7**	**72.1**	**53.0**	**68.8**	**69.8**	**25.5**

* Blank cells indicate insufficient data.