

# ARUNACHAL PRADESH RURAL

All analysis based on data from 13 out of 13 districts

## Enrollment

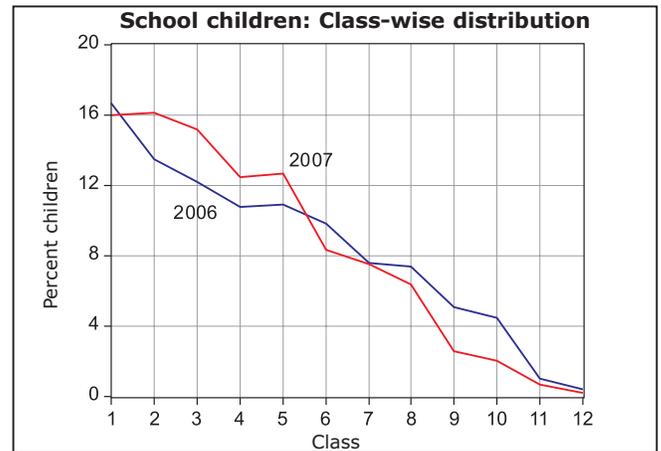
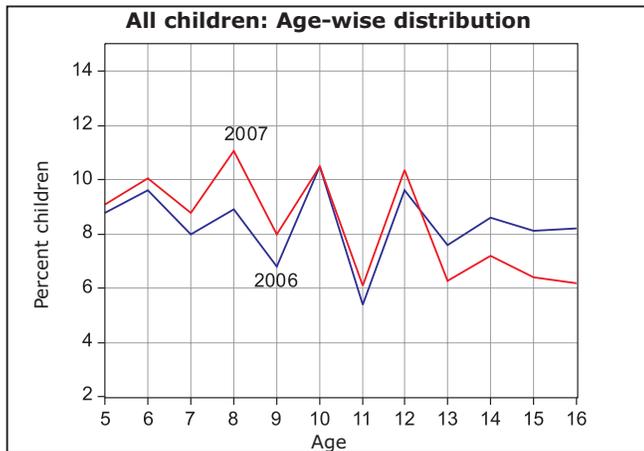
School enrollment and out of school children 2006 vs. 2007

	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	75.4	15.7	1.3	7.6	100	80.7	12.7	1.1	5.6	100
Age: 7-16 ALL	75.6	13.7	1.0	9.7	100	80.4	11.5	0.6	7.5	100
Age: 7- 10 ALL	74.0	17.9	1.5	6.7	100	78.9	14.6	1.0	5.6	100
Age: 7-10 BOYS	74.3	19.0	1.5	5.2	100	77.8	15.5	1.0	5.8	100
Age: 7-10 GIRLS	73.6	16.6	1.5	8.3	100	80.1	13.5	1.0	5.4	100
Age: 11-14 ALL	79.3	11.7	0.7	8.2	100	83.9	9.5	0.3	6.2	100
Age: 11-14 BOYS	77.5	14.3	0.6	7.6	100	83.7	10.4	0.5	5.3	100
Age: 11-14 GIRLS	81.1	9.2	0.9	8.7	100	84.2	8.6	0.1	7.1	100
Age: 15-16 ALL	72.1	8.7	0.2	19.1	100	76.6	6.8	0.3	16.3	100
Age: 15-16 BOYS	73.9	7.8	0.2	18.2	100	76.0	7.7	0.1	16.2	100
Age: 15-16 GIRLS	69.6	9.9	0.2	20.2	100	77.6	5.4	0.7	16.4	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



## Young Children

In pre-school (Balwadi/Anganwadi) or in school 2006 vs. 2007

	2006					2007						
	In balwadi or anganwadi	% Children			Not going anywhere	Total	In balwadi or anganwadi	% Children			Not going anywhere	Total
		Govt.	Pvt.	Other School				Govt.	Pvt.	Other School		
Age: 3 ALL	57.1				42.9	100	49.0				51.0	100
Age: 4 ALL	63.5				36.6	100	48.5				51.5	100
Age: 5 ALL	26.9	42.5	13.8	0.5	16.3	100	14.9	52.7	13.3	2.8	16.3	100
Age: 6 ALL	4.9	62.5	19.5	2.5	10.6	100	9.2	66.5	13.1	3.6	7.6	100

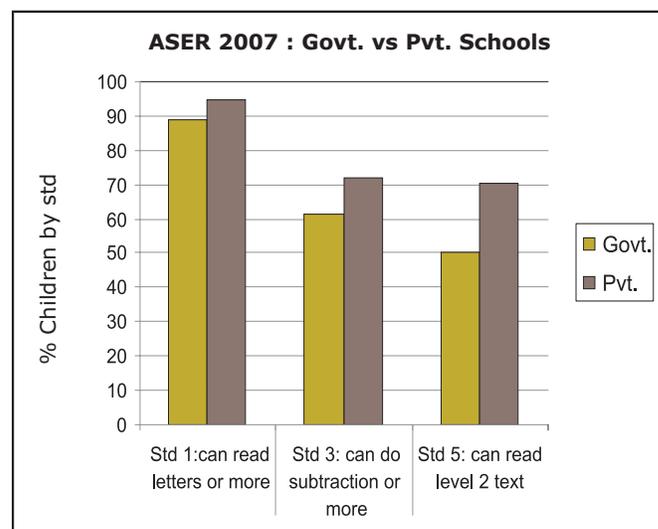
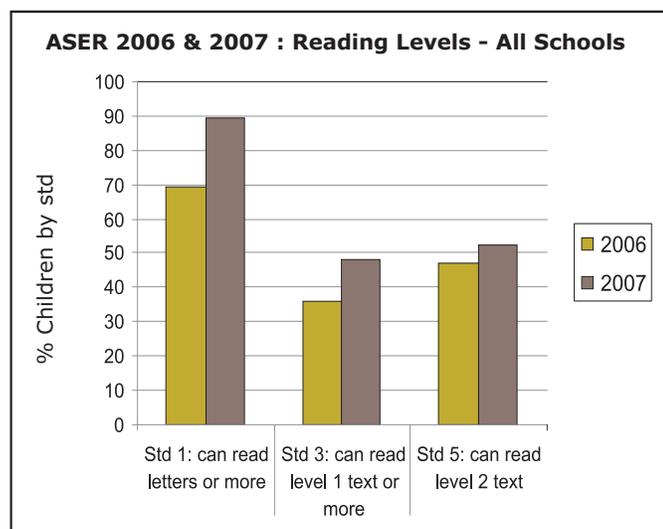
## Learning Level

Reading level: % Children who can read						
Std.	Nothing	Letter	Word	Level 1 (Std 1) Text	Level 2 (Std 2) text)	Total
I	10.8	62.6	21.3	3.3	1.9	100
II	2.1	31.8	45.6	14.0	6.6	100
III	1.5	13.2	37.7	30.9	16.8	100
IV	1.2	5.8	18.7	38.4	35.9	100
V	1.1	2.3	10.2	33.8	52.5	100
VI	0.4	0.7	6.7	28.6	63.6	100
VII	0.5	1.3	2.9	15.3	80.0	100
VIII	0.3	0.5	2.8	8.3	88.2	100
<b>Total</b>	<b>2.8</b>	<b>19.4</b>	<b>22.3</b>	<b>21.9</b>	<b>33.6</b>	<b>100</b>

Arithmetic level: % Children who can						
Std.	Nothing	Recognize Numbers		Subtract	Divide	Total
		1-9	10-99			
I	9.6	37.0	46.3	5.4	1.7	100
II	2.0	14.9	47.2	31.0	5.0	100
III	1.8	4.5	31.0	48.1	14.6	100
IV	0.9	2.4	14.2	43.1	39.5	100
V	1.0	1.6	7.4	34.5	55.6	100
VI	0.7	1.5	4.8	28.3	64.8	100
VII	0.3	0.3	2.0	18.6	78.8	100
VIII	0.8	0.9	1.8	10.0	86.5	100
<b>Total</b>	<b>2.6</b>	<b>10.2</b>	<b>24.4</b>	<b>29.0</b>	<b>33.8</b>	<b>100</b>

Only subtraction and division data comparable with previous ASER.

## Comparisons



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	9.4	28.5	40.2	18.9	3.0	100
II	4.1	9.9	15.5	56.6	13.9	100
III	3.7	5.1	9.1	39.8	42.2	100
IV	1.8	3.7	3.1	22.0	69.4	100
V	0.0	2.2	2.9	15.7	79.2	100
VI	2.4	4.0	1.9	7.7	84.0	100
VII	0.0	1.2	0.0	5.8	93.0	100
VIII	4.6	7.8	0.0	0.7	86.8	100
<b>Total</b>	<b>3.6</b>	<b>8.9</b>	<b>11.9</b>	<b>27.3</b>	<b>48.3</b>	<b>100</b>

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	46.7	62.6
II	47.5	56.5
III	42.3	62.9
IV	56.4	77.6
V	59.7	80.0
VI	78.4	89.3
VII	37.6	91.6
VIII	100.0	91.8
<b>Total</b>	<b>48.5</b>	<b>78.6</b>

## Comprehension & Problem solving

### Ability of children by reading level to read and answer orally

Children in age group : 6 to 10				Children in age group : 11 to 14			
Reading level	% Children in specific reading level	% at each level who can orally answer questions		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			based on Std 1 level text only	based on Std 2 level text
Word	30.7	6.9	3.7	Word	12.8	10.1	8.8
Std 1 level text	20.4	60.1	21.0	Std 1 level text	27.3	72.1	26.4
Std 2 level text	17.3	85.5	79.0	Std 2 level text	54.5	91.4	86.0

### 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	72.5	3.3	23.0
9 to 10	46.2	5.4	47.5
11 to 14	20.4	5.1	73.4

Children not in-school			
Age group	% Children who can solve		
	None	Simple problem only	Both problems
6 to 8	87.4	2.4	9.3
9 to 10	70.4	5.8	23.8
11 to 14	51.4	3.5	45.1

The lion lives in the jungle.

It runs very fast.

It eats meat.

It has sharp teeth.

Q. 1) How does it run ?  
 Q. 2) Who lives in jungle ?

It was the rainy season . The sky was full of clouds. There was a cool breeze blowing. Aman was eager to play on a swing. His older brother got a thick rope. They tied it on the tree and made a swing. A lot of children joined them and they all started playing. They played till it was dark.

Q. 3) What did Aman's older brother get ?  
 Q. 4) How did they make the swing ?

1) You have Rs.50. From that you buy a pair of shoes for Rs.35. How much money do you have left with you now?

2) You have Rs.50. From that you buy sweets for Rs.28. How much money do you have left with you now?

### 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	35.6	89.7	3.3	6.3
Subtraction	30.1	40.7	6.8	50.6
Division	16.9	9.7	4.7	84.5

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	9.6	76.3	8.9	13.9
Subtraction	31.5	25.1	8.0	64.6
Division	55.6	5.5	3.1	90.8

### School going children attending tuition class

Std.	% Children							
	I	II	III	IV	V	VI	VII	VIII
Govt. school	8.2	8.4	9.5	11.4	12.2	14.4	11.7	18.2
Pvt. school	38.1	40.3	49.1	55.9	49.3	55.5	32.8	41.9



**School Observations:** Schools visited - Primary (Std 1-4/5): 120; Primary+Upper-primary (Std 1-8): 88

Teacher attendance	2005		2007	
	Std. 1-4/5	Std. 1-8	Std. 1-4/5	Std. 1-8
% teachers attending (average)	Insufficient Data		90.9	83.0
% schools with no teacher present	Insufficient Data		1.0	0.0
% schools with all teachers present	Insufficient Data		76.0	38.2

Children's attendance	2005		2007	
	Std. 1-4/5	Std. 1-8	Std. 1-4/5	Std. 1-8
% enrolled children attending (average)	Insufficient Data		80.9	79.2
% schools with less than 50% enrolled children attending	Insufficient Data		6.9	10.3
% schools with 75% and more enrolled children attending	Insufficient Data		70.7	72.4

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	Insufficient Data		22.6	19.3
Based on children & teachers present	Insufficient Data		19.8	18.3

School grants and teacher grants	2006		2007*	
	Std. 2	Std. 4	Std. 2	Std. 4
	% Schools			
Teacher received TLM grant	61.8	57.8	30.3	32.1
School received school maintenance grant	70.3		39.3	

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	Insufficient Data		41.2	22.3
Schools with water provision but water not available	Insufficient Data		10.7	11.7
Schools with water provision and water available	Insufficient Data		48.1	66.0
Schools with no toilet provision	Insufficient Data		60.0	42.7
Schools with toilet provision but not being used	Insufficient Data		12.3	16.7
Schools with toilet provision and use	Insufficient Data		27.7	40.6
Schools with midday meal being served on that day	Insufficient Data		67.7	59.8

Multigrade classes	2007	
	Std. 1-4/5	Std. 1-8
Schools in which...	% Schools	
Std II class sits with another class	41.6	32.2
Std IV class sits with another class	43.5	25.0

Close to 90% classes that were visited have blackboards. In over 75% of these classes, children have textbooks, over 85% classes children had notebooks and pens.

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**
Tawang	41.8	10.5	13.1	92.3	93.5	90.6	74.7	86.8	87.8
West Kameng*	72.7	3.8	19.3	99.6	99.1		65.9	76.8	
East Kameng	66.9	1.9	9.8	89.0	83.9	86.4	60.5	72.7	38.4
Papumpare*	79.4	3.2	10.5	86.6	91.6		61.9	72.1	49.0
Lower Subansiri*	14.6	11.5	17.3	90.7	91.4		61.4	74.5	
Upper Subansiri	79.3	1.8	6.4	88.9	88.9	90.6	65.8	83.6	45.4
West Siang*	93.4	4.2	12.0	98.2	97.8		83.9	84.5	
East Siang*		0.8	21.6	95.5	96.4		58.1	70.7	
Upper Siang	71.8	3.0	14.8	89.3	91.2	92.3	49.8	47.6	44.4
Dibang Valley*	71.6	6.4	11.3	94.6	99.2		66.8	69.8	
Lohit	42.3	4.5	5.0	96.9	97.7	97.8	78.1	87.2	75.1
Changlang*	58.6	5.9	19.7	94.6	95.6		73.6	85.4	56.8
Tirap	26.1	8.1	5.4	94.0	93.7	93.3	66.9	74.9	55.4
<b>Total</b>	<b>48.8</b>	<b>5.6</b>	<b>12.7</b>	<b>93.7</b>	<b>94.3</b>	<b>93.6</b>	<b>68.2</b>	<b>77.5</b>	<b>61.3</b>



\* Blank cells indicate insufficient data.

\*\*The Basic English test is not given to children who take the Reading test in English. Since many children in Arunachal Pradesh took the Reading test in English, there is insufficient data for this parameter.