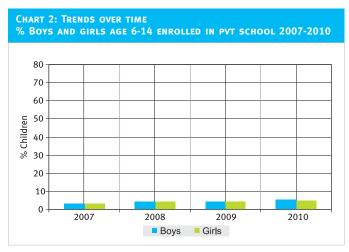


# SCHOOL ENROLLMENT AND OUT OF SCHOOL CHILDREN

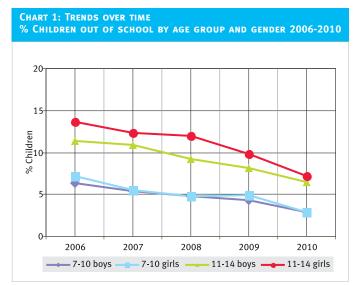
TABLE 1: % CHILDREN IN DIFFERENT TYPES OF SCHOOLS 2010											
Age group	Govt.	Pvt.	Other	Not in School	Total						
AGE: 6 -14 ALL	89.9	5.4	0.3	4.5	100						
AGE: 7-16 ALL	86.0	5.8	0.3	7.9	100						
AGE: 7-10 ALL	91.8	4.9	0.5	2.9	100						
AGE: 7-10 BOYS	91.7	4.9	0.5	2.8	100						
AGE: 7-10 GIRLS	91.9	4.8	0.4	2.9	100						
AGE: 11-14 ALL	87.8	5.3	0.1	6.8	100						
AGE: 11-14 BOYS	87.9	5.5	0.1	6.4	100						
AGE: 11-14 GIRLS	87.6	5.1	0.2	7.2	100						
AGE: 15-16 ALL	66.1	9.5	0.1	24.4	100						
AGE: 15-16 BOYS	66.1	8.8	0.0	25.1	100						
AGE: 15-16 GIRLS	66.1	10.3	0.1	23.5	100						

NOTE: 'OTHER' includes children going to madarssa and EGS.

'NOT IN SCHOOL' = dropped out + never enrolled.



**How to read this chart:** In 2010, 5.6% of all boys (age 6-14) were enrolled in private school and 5.1% of all girls (age 6-14) were enrolled in private school.



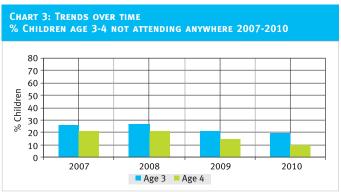
How to read this chart: For example, the proportion of girls (age 11-14) not in school has changed from 13.7% in 2006 to 12.4% in 2007 to 12% in 2008, 9.9% in 2009 and to 7.2% in 2010.

TABLE 2: SAMPLE DESCRIPTION % CHILDREN IN EACH CLASS BY AGE 2010													
Std.	5	6	7	8	9	10	11	12	13	14	15	16	Total
1	40.7	41.6	11.4		6.3								100
II	3.4	14.7	57.7	17.4	6.8							100	
Ш	2	.0	12.0	66.1	12.0 4.3					5		100	
IV		3.6		13.8	59.3	19.0		4.3					100
٧		3.	8		8.0	65.0	13.5	5 6.1 3.7					100
VI	2.8 10.					10.8	55.5	23.7	3.5	3.8			100
VII			4	.2 7.4				65.4	14.2	5.3	3	.5	100
VIII				5.4				13.5	57.3	17.5	4.8	1.4	100

**How to read this table:** If a child started school in Std I at age 6, she should be age 8 in Std 3. This table shows the age distribution for each class. For example, in Std III, 66.1% children are 8 years old but there are also 12% who are 7, 12% who are 9, 4.3% who are 10 years old, etc.

# YOUNG CHILDREN IN PRE-SCHOOL AND SCHOOL

TABLE 3: % CHILDREN AGE 3-6 WHO ATTEND DIFFERENT TYPES OF PRE-SCHOOL & SCHOOL 2010											
In balwadi	In LKG/		In Scho	Not going anywhere	Total						
	or anganwadi	UKG	Govt	Pvt	Other	Not g anyw	P				
AGE 3	77.0	3.6				19.4	100				
AGE 4	83.6	6.7				9.7	100				
AGE 5	29.0	3.1	54.9	7.1	0.5	5.5	100				
AGE 6	5.8	2.3	81.1	7.4	0.2	3.3	100				



In 2010, 90.4% of sampled villages reported having an anganwadi in the village. **How to read this chart:** For example, in 2010, 19.4% of all age 3 children were not attending any kind of preschool or school.

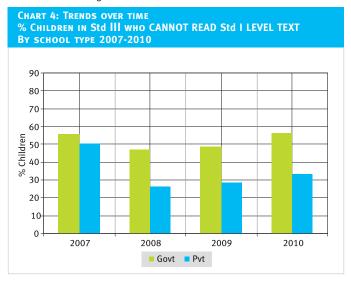
# **ODISHA** RURAL

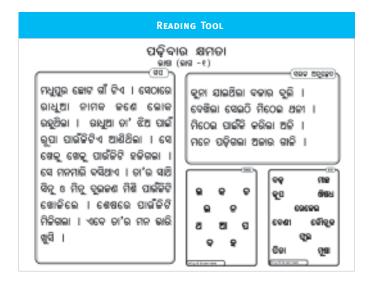


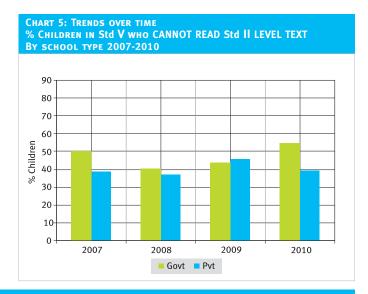
# READING IN OWN LANGUAGE

	4: CLASS-W HOOLS 201		LDREN BY	READING LEV	/EL	
Std.	Nothing	Letter	Word	Level 1 (Std 1 Text)	Level 2 (Std 2 Text)	Total
1	33.0	42.5	16.3	4.5	3.7	100
II	13.2	32.5	33.0	12.2	9.1	100
Ш	5.3	18.3	31.8	24.1	20.6	100
IV	2.8	11.4	23.3	27.3	35.2	100
٧	2.3	7.2	15.2	29.3	46.0	100
VI	1.1	5.8	8.2	23.2	61.7	100
VII	1.8	3.6	6.8	18.6	69.2	100
VIII	1.1	2.7	3.6	14.8	77.8	100
TOTAL	8.3	16.4	17.8	19.2	38.3	100

How to read this table: Each cell shows the highest level of reading achieved by a child. For example, in Std III, 5.3% children cannot even read letters, 18.3% can read letters but not more, 31.8% can read words but not Std 1 text or higher, 24.1% can read Std 1 text but not Std 2 level text, and 20.6% can read Std 2 level text. For each class, the total of all these exclusive categories is 100%.







# **TUITION**

	TABLE 5: CLASS-WISE % CHILDREN ATTENDING PAID TUITION CLASSES By school type 2007, 2009 and 2010												
Year	School	I	II	Ш	IV	٧	VI	VII	VIII				
2007	Govt	32.9	45.5	43.7	50.3	50.8	51.5	51.0	52.1				
	Pvt	57.0	60.8	40.1	52.6	62.3	42.3	55.3	36.8				
2000	Govt	35.6	44.5	51.6	50.2	52.2	55.3	55.8	56.0				
2009	Pvt	64.9	68.7	81.9	67.9	81.2	66.1	68.1	60.9				
2010	Govt	36.2	41.2	49.1	48.8	49.9	54.7	52.0	55.2				
	Pvt	54.4	65.7	81.1	68.7	78.3	72.9	67.5	48.4				

NOTE: In 2007, 2009 and 2010 the ASER survey recorded information about tuition. In all 3 years, the question asked was the following: "Does the child take any paid additional class currently?" Therefore, these numbers do not include any supplemental help in learning that children may have received from parents, siblings or from anyone else who did not require payment.



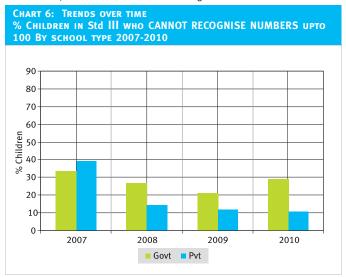


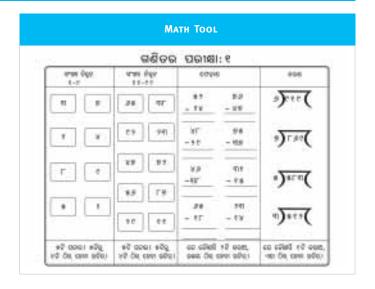
### **ARITHMETIC**

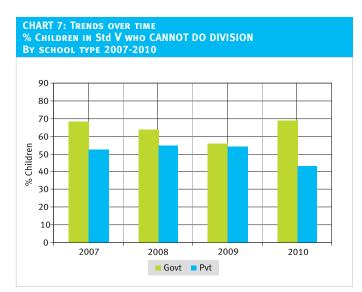
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TABLE 6: CLASS-WISE % CHILDREN BY ARITHMETIC LEVEL ALL SCHOOLS 2010											
Std.	Nothing	Recognize	Numbers	Subtract	Divide	Total					
1	38.8	38.6	17.5	3.8	1.4	100					
II	15.2	37.8	31.1	12.5	3.4	100					
III	5.8	22.3	35.1	28.3	8.5	100					
IV	3.1	14.6	30.2	34.5	17.7	100					
٧	2.4	9.2	22.8	33.5	32.2	100					
VI	1.5	6.4	13.5	33.8	44.8	100					
VII	2.0	4.6	12.8	29.5	51.1	100					
VIII	1.0	3.2	9.2	22.3	64.4	100					
TOTAL	9.5	17.9	22.0	24.4	26.2	100					

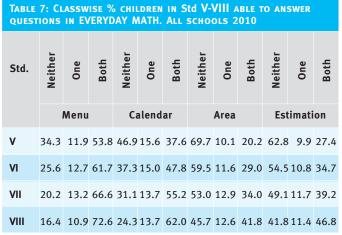
How to read this table: Each cell shows the highest level of arithmetic achieved by a child. For example, in Std 3, 5.8% children cannot even recognize numbers 1-9, 22.3% can recognize numbers up to 10 but not more, 35.1% can recognize numbers upto 100 but cannot do subtraction, 28.3% can do subtraction but not division, and 8.5% can do division. For each class, the total of all these exclusive categories is 100%.







### **CRITICAL THINKING AND EVERYDAY CALCULATIONS**



**NOTE:** Children enrolled in school in Std V and above were given 4 tasks related to everyday calculations. For each task, children were asked two questions.



# **ODISHA** RURAL



# PERFORMANCE OF DISTRICTS

TABLE 8	Anganwadi or balwadi	Out of school	Private school	Tuition		Learning rels	Std III-V :		Std V	-VIII : Everyo	lay calculat	tions
District Name	%	(Age: 6-14) out	(Age:	% Children (Std IV- VIII) attend- ing paid tuition classes	% Children (Std I-II) who CAN READ letters or more		(Std III-V) whoCAN READ Level 1 (Std 1	(Std III-V)	% Children answering both questions correctly	% Children answering both questions correctly	answer- ing both questions	both
						9 or more	•		Menu	Calendar	Area	Estimation
Anugul	93.3	2.1	6.6	32.3	74.1	79.5	64.9	53.6	76.2	57.8	22.0	33.5
Balangir	60.0	1.5	4.3	25.5	44.6	40.0	53.0	36.6	50.2	52.1	22.4	27.0
Baleshwar	81.7	1.6	6.9	82.4	89.2	80.3	65.5	65.5	87.8	47.7	19.7	8.2
Bargarh	97.5	0.6	12.0	33.2	83.1	78.2	57.6	46.5	60.0	49.5	41.0	49.5
Boudh	83.2	3.6	2.1	32.3	68.7	70.9	56.7	38.7	37.1	24.7	7.5	13.4
Bhadrak	94.3	0.3	3.3	82.1	95.7	95.0	86.1	82.6	91.2	52.3	29.0	24.2
Cuttack	85.2	2.7	9.3	73.9	94.2	92.1	76.4	67.5	82.9	61.3	34.8	40.2
Deogarh*		1.6	3.3	35.1	86.0	84.7	66.1	63.6	34.3	24.4	16.7	21.5
Dhenkanal	88.5	1.7	1.9	36.3	91.0	86.6	70.9	48.3	36.6	29.7	22.2	28.8
Gajapati	97.8	6.2	5.3	45.3	66.3	63.5	60.6	54.9	63.5	60.6	47.5	43.3
Ganjam	90.4	8.7	3.8	75.5	71.2	67.5	57.9	49.8	60.6	57.5	48.3	49.1
Jagatsinghapur	90.1	0.6	6.4	72.9	95.2	87.3	82.3	72.9	89.2	73.1	26.0	39.2
Jajapur	98.2	0.4	5.7	65.2	87.1	85.0	79.7	71.1	76.2	61.5	53.1	53.7
Jharsuguda	99.3	2.2	4.4	19.4	83.3	82.2	69.9	59.2	71.4	69.5	58.9	59.6
Kalahandi	79.7	6.9	2.9	38.5	77.7	65.2	43.0	35.7	42.4	32.4	14.1	20.4
Kandhamal	100.0	8.9	0.7	4.6	60.0	54.9	44.5	31.9	36.8	37.2	28.7	26.7
Kendrapara	72.7	2.7	3.8	69.5	85.1	75.9	60.3	57.6	50.0	40.6	28.6	31.7
Kendujhar	81.0	2.7	6.7	36.5	56.6	53.3	54.9	42.6	66.1	44.8	21.5	21.7
Khordha	87.5	0.3	8.0	76.6	92.1	90.5	83.4	77.5	73.9	63.1	41.3	38.6
Koraput *	70.2	16.7	4.2	34.9	47.8	50.9	37.2	29.5				
Malkangiri	81.2	5.8	5.3	24.9	69.8	57.0	65.0	52.1	60.7	44.3	27.3	38.5
Mayurbhanj	93.5	7.5	1.6	31.0	64.0	57.1	50.0	31.4	44.32	35.84	26.16	38.51
Nabarangapur	69.9	17.2	3.2	20.1	67.7	63.3	39.3	29.9	63.1	46.2	17.5	41.7
Nayagarh	81.6	4.4	8.5	61.7	72.7	69.7	63.6	55.1	64.5	46.7	20.7	34.0
Nuapada	96.6	4.9	3.9	22.7	61.4	55.3	44.5	37.5	60.4	54.4	44.9	45.6
Puri	87.6	1.6	5.4	72.1	90.4	84.3	81.9	70.5	66.7	49.2	28.7	70.5
Rayagada	87.9	6.6	4.0	39.3	57.3	55.3	54.8	55.7	64.3	44.8	32.0	32.3
Sambalpur	97.3	4.1	8.6	37.0	81.8	84.0	57.0	37.0	39.2	39.4	6.3	41.1
Sonapur	88.1	0.6	1.0	41.7	80.2	79.7	51.5	43.1	57.7	51.3	32.5	37.0
Sundargarh	69.2	3.6	11.7	38.4	71.4	70.0	44.0	35.7	47.7	57.7	21.7	38.8
Total	85.2	4.5	5.4	52.5	76.1	71.9	61.4	52.1	63.2	50.0	30.7	36.5

<sup>\*</sup> Blank cells indicate insufficient data.

# **ODISHA** RURAL



AS PART OF ASER 2007, 2009 AND 2010, IN EACH SAMPLED VILLAGE, ONE GOVERNMENT SCHOOL WITH PRIMARY SECTIONS WAS VISITED ON THE DAY OF THE SURVEY. THE SCHOOL INFORMATION IS BASED ON THIS VISIT.

# **SCHOOL OBSERVATIONS**

TABLE 9: TOTAL SCHOOLS VISITED			
	2007	2009	2010
TYPE OF SCHOOL			
Std I-IV/V: PRIMARY	406	403	383
Std I-VII/VIII: PRIMARY + UPPER PRIMARY	306	344	358
TOTAL SCHOOLS VISITED	712	747	741

TABLE 11: HEADTEACHERS 2010		
	Std I-IV/V	Std I-VII/VIII
NO HEADTEACHER APPOINTED	5.8	8.1
HEADTEACHER APPOINTED BUT NOT PRESENT ON DAY OF VISIT	6.2	10.8
HEADTEACHER APPOINTED & PRESENT ON DAY OF VISIT	88.0	81.2
TOTAL	100.0	100.0

TABLE 13: COMPUTERS 2010		
% Schools with	Std I-IV/V	Std I-VII/VIII
No computers	97.5	88.0
COMPUTERS BUT NO CHILDREN USING THEM AT TIME OF VISIT	1.7	3.8
COMPUTERS AND CHILDREN USING THEM AT TIME OF VISIT	0.8	8.2
TOTAL	100.0	100.0

TABLE 10: TEACHER ATTENDANCE											
	2007	2009	2010	2007	2009	2010					
TYPE OF SCHOOL	Std I-IV/V			Std	Std I-VII/VIII						
% TEACHERS PRESENT (AVERAGE)	91.1	92.3	89.1	87.2	90.4	83.8					
% Schools with no teacher present	0.4	0.0	1.3	0.0	0.4	0.7					
% SCHOOLS WITH ALL TEACHERS PRESENT	77.9	80.1	74.3	62.3	71.1	56.0					

TABLE 12: STUDENT ATTENDANCE										
	2007	2009	2010	2007	2009	2010				
TYPE OF SCHOOL	St	Std I-IV/V			Std I-VII/VIII					
% ENROLLED CHILDREN PRESENT (AVERAGE)	72.4	74.1	71.9	70.1	73.0	72.3				
% SCHOOLS WITH LESS THAN 50% ENROLLED CHILDREN PRESENT	12.9	8.3	11.9	13.2	9.1	9.6				
% SCHOOLS WITH 75% OR MORE ENROLLED CHILDREN PRESENT	51.6	54.8	51.5	44.7	50.5	51.4				

TABLE 14: MULTIGRADE CLASSES						
	2007	2009	2010	2007	2009	2010
% Schools in which	St	d I-IV	<b>/V</b>	Std	I-VII/	VIII
Std II CHILDREN SITTING WITH ONE OR MORE OTHER CLASSES	72.1	70.8	77.0	65.1	71.9	69.4
Std IV CHILDREN SITTING WITH ONE OR MORE OTHER CLASSES	59.1	64.9	66.8	48.8	62.4	58.1

# **SCHOOL GRANTS**

TABLE 15: SSA SCHOOL GRANTS RECEIVED IN FIRST HALF OF FINANCIAL YEAR 2009-10 AND IN THE FULL FINANCIAL YEAR 2009-2010. PRIMARY SCHOOLS ONLY								
	April :	2009-0	ctobe	2009	April 2009-March 2010			
SSA school grants to government primary schools only	% Schools reporting gran information				chools	% Schools reporting grant information		
	No. of schools	Got grant		Don't know	No. of schools	Got grant		Don't know
MAINTENANCE GRANT	282	49.7	30.5	19.9	339	85.6	5.0	9.4
DEVELOPMENT GRANT	278	56.5	25.9	17.6	307	86.3	4.2	9.5
TEACHER GRANT (TLM)	280	75.4	12.9	11.8	322	91.9	2.8	5.3

TABLE 16: SSA SCHOOL GRANTS RECEIVED IN FULL FINANCIAL YEAR 2008-2009 AND FULL FINANCIAL YEAR 2009-2010. PRIMARY SCHOOLS ONLY								
	April	ril 2008-March 2009 April 2009-March 2					2010	
SSA school grants to government primary schools only	% Schools reporting grant information			rant	chools	% Schools reporting grant information		
	No. of schools	Got grant	Did not get grant	Don't know	No. of schools	Got grant		Don't know
MAINTENANCE GRANT	335	61.2	23.0	15.8	339	85.6	5.0	9.4
DEVELOPMENT GRANT	334	67.4	17.1	15.6	307	86.3	4.2	9.5
TEACHER GRANT (TLM)	334	84.7	6.3	9.0	322	91.9	2.8	5.3

**NOTE:** Table 15 compares grants received in the first half of the financial year (from April to October 2009) with grants received through the full financial year (from April 2009 to March 2010). Table 16 compares fund flows to schools across two full financial years. This table tracks fund flows to schools over time. Data reported is only for Primary schools. Data on Primary and Upper Primary Schools will be made available in the forthcoming PAISA 2010 report.



### **RIGHT TO EDUCATION INDICATORS**

TABLE 17: SCHOOLS BY ENROLLMENT 2010						
School enrollment	Number of schools	% of schools				
1-60	155	21.4				
61-90	120	16.6				
91-120	111	15.3				
> 120	339	46.8				
TOTAL	725	100.0				

TABLE 18: PUPIL TO TEACHER RATIO COMPARED TO RTE NORMS 2010								
School		Number of teachers						
enrollment	1	2	3	4	5	6	≥7	Total
1-60	60.4	0.4 30.2			9.4	100		
61-90	73.	.3	19.8			100		
91-120	79.8			14.6	5.6			100
> 120		5	9.2		14.9	26	.0	100

**How to read this table:** For example, RTE norms state that a school with enrollment of 61-90 students should have 3 teachers. This table shows that for schools in this category, 19.8% of schools are at norm (i.e. have 3 teachers), 73.3% are below the norm and 7% are above the norm.

TABLE 19: SCHOOLS BY NUMBER OF TEACHERS 2010							
	Number of schools						
1	121	22.6					
2	131	24.4					
3	93	17.4					
4	75	14.0					
5	45	8.4					
6	37	6.9					
≥7	34	6.3					
TOTAL	536	100.0					

TABLE 20: TEACHER TO CLASSROOM RATIO COMPARED TO RTE NORMS 2010									
Number			Nur	nber	of cla	assro	oms		
of Teachers	0	1	2	3	4	5	6	≥7	Total
1	9.2 13.9			76.9					100
2	25.0 29.7			45.3					100
3		32.0		20.0	48.0				100
4		29	.4		17.7	52.9			100
5			38.9			22.2	38	.9	100
6			40.0	25.0			25.0	35.0	100
≥7				38.9				61.1	100

**How to read this table:** RTE norms indicate that there should be one classroom for every teacher. This table shows, for example, that for schools with 3 teachers, 20% of schools are at norm (i.e. have 3 classrooms), 32% are below the norm and 48% are above the norm.

TABLE 21: FACILIT	TES COMPARED TO RTE NORMS 2010					
% of schools with						
	Office/Store/Office cum store					
BUILDING	Playground					
	Boundary wall	40.7				
	No facility for drinking water	15.2				
DRINKING WATER	Facility but no drinking water available					
	Drinking water available	70.3				
	No toilet facility	15.5				
TOILET	Facility but toilet not useable					
	Toilet useable	50.9				
	% Schools with no separate provision for girls toilets	30.3				
	Of schools with separate girls toilets, % schools where					
GIRLS TOILET	Toilet locked	20.0				
	Toilet not useable	10.3				
	Toilet useable	39.4				
TLM	Teaching learning material in Std 2	81.3				
	Teaching learning material in Std 4	76.9				
	No library	34.7				
LIBRARY	Library but no books being used by children on day of visit	18.5				
	Library books being used by children on day of visit	46.8				
	Kitchen shed for cooking midday meal	74.3				
MDM	Midday meal served in school on day of visit	88.6				

NOTE: School observations for ASER 2010 looked at TLM for Std II and Std IV only.

As part of ASER 2010, in each sampled village, one government school with primary sections was visited on the day of the survey. During this school visit, RTE indicators were observed and are reported here.

Extracts from the Schedule of The Right of Children to Free and Compulsory Education Act 2009 Norms and standards for a School (Sections 19 and 25)

#### NUMBER OF TEACHERS IN Std 1-5:

•	Admitted children	No. of teachers
	<= 60	2
	61-90	3
	91-120	4
	121-200	5
	> 150	5 + 1 Headteacher
	> 200	Pupil-Teacher Ratio
		(excluding Headteacher)
		shall not exceed 40

#### SCHOOL FACILITIES:

All weather building with:

- At least one classroom for every teacher
- Office cum store cum headteacher's room
- · Separate toilets for boys and girls
- Safe and adequate drinking water facility to all children
- A kitchen where mid-day meal is cooked in the school
- Playground
- Arrangements for securing the school building by boundary wall or fencing.

### TEACHING LEARNING EQUIPMENT

shall be provided to each class as required.

#### LIBRARY

There shall be a library in each school providing newspaper, magazines and books on all subjects, including story-books.

