

Sample Composition

- The ASER 2011 Survey was conducted in 84 Rural and 3 Urban districts (Lahore, Peshawar and Karachi) of Pakistan. Total outreach of the survey was 85 districts. The rural sample comprised of:

Province	Districts
Punjab	28
Balochistan	15
Khyber Pakhtunkhwa	14
Sindh	17
Azad Jammu Kashmir	4
Gilgit-Baltistan	3
Fata	2
ICT	1

- A total of 48,646 households were surveyed in 2,502 villages across 84 rural districts.
- Detailed information was collected on 143,826 children (59% male, 41% female) for the 3-16 years age group and children aged 5-16 were tested for language and arithmetic competencies.
- Mothers' information was collected and their literacy levels measured. Information from 50,473 mothers in sampled households was collected.
- School information on both public and private schools was collected. A total of 3,466 schools were surveyed, out of which 2,376 were government and 1,090 were private schools.

National Summary RURAL

Enrollment Characteristics

Children aged 3-5 years (pre-schooling)

- Of 32,323 children in the 3-5 age group, 42.8% were enrolled (leaving 57.3% un-enrolled). Girl's enrollment stood at 42.2%.
- Of the total enrolled, 67.6% children were enrolled in government schools, 29.3% in private schools, 2.7% in madrasahs and the remaining 0.4% were enrolled in 'other'¹ types of schools.
- Among children aged 5, an age at which one expects children to be enrolled in some education facility, 32.3% were not enrolled in any school facility.

Children aged 6-16 years

- School enrollment for children aged 6-16 years, stood at 79.9%, comprising of 36% girls and 64% boys.
- Percentage of children found to be out of school were 20.1%. Of this the dropout rate stood at 5% while 15.1% had never been enrolled. Among the out of school children 52.7% were found to be girls.
- Around 74% children were enrolled in government schools and 26% were attending Non-State educational facilities (private schools, madrasahs, non-formal education facilities etc).
- Of the enrolment catered through Non-State schools, 23.1% children were in private schools;

¹ 'Other' includes non-formal education facilities, literacy centres etc.

2.1% in madrasahs and the remaining 0.3% were found in the 'other' types of schools.

- Provincial level data shows that the enrollment in private schools was concentrated in the regions of Punjab (31.4%) and Gilgit-Baltistan (40.1%). Lowest private school enrollment was found in Balochistan (6.9%).
- The proportion of out of school girls (5.2% in the 6-10 age group) appears to be larger than the proportion of out of school boys (4.3%) especially in the younger age groups.
- Of the enrolled children in the sample, 11% reported taking paid tuition. The incidence of attending tuitions was lower among children in public sector schools (7.1%) as compared to children in private sector schools (24%). Children in Punjab (20.2%) are by far the most intensive users of paid private tuition in the country.

Learning Levels

Learning levels of children are assessed through specific language and mathematics tools². For basic reading and mathematics, the same test is given to children between the ages of 5 and 16. The tools assess whether children are able to do basic tasks in reading and arithmetic. The language test has been designed in way that it covers up to class 2 level text according to the national curricula. The arithmetic tool covers up to class 3 level text. For younger children in class 1 and 2, it is not expected that they will be able to go beyond the first few tasks. However it is expected that older children in class 3 onwards will be able to comfortably and confidently go beyond the simple tasks in the ASER assessment tools.

Reading Level (Urdu/Sindhi)

- Of the children assessed, 41.8 % could read at least a sentence in Urdu (or his/her own language) while 20.4% were unable to read letters and thus categorized as beginners.
- Class wise analysis of reading ability show that only 41.2% of Class 3 students were able to read sentences while, nearly 83% could not read a story
- In ASER 2010³, 51.6% of class 5 students were reported as being able to read story compared to 47.4% of class 5 students who could read sentences in 2011.
- In government schools, only 37.5% of class 3 students were able to read sentences whereas 53.3% of class 3 students in private schools could read sentences.
- Data on reading ability of out of school children shows that 6.5% of out of school children could read story level text whereas 11.2 % were at sentence level. 64.9% of out of school children were found to be at the beginner level (i.e. could not recognize letters).

English Reading and Comprehension

- Of total children assessed, 25.8% children could read sentences in English, 44.4% read words while 28.5% children were unable to recognize alphabets and were thus at the beginner level.
- Class wise analysis of English reading shows that 45.4% children enrolled in Class 3 were able to read words and 13.1% could read sentences fluently. However, 29% of those who read sentences did so without understanding any meaning.
- In ASER 2010, 42.3% of class 5 students were reported as being able to read sentences

² ITA has detailed documents on details of the tools and the process of their development. Tools are developed after analyzing national textbooks and in consultation with expert groups at the provincial and national level. They are then piloted intensively before use to ensure comparability and consistency across provinces and over time.

³ 32 rural districts were surveyed in 2010 as compared to 84 rural districts in 2011.

compared to 40.6% of class 5 students who can read sentences in 2011.

- In government schools only 39.4% of class 3 students were able read words whereas 65.5% of class 3 students in private schools could read words.
- English reading and comprehension competencies were also found in out of school children. While 75.4% of children stood at beginners' level, 10.2% were able to read words and 4.7% could read sentences.

Arithmetic

- Of total children assessed, 40.1% could do 2 digit subtraction sums with carry whereas 23.6% were able do 3 digit division sums. The percentage of children at the beginners levels i.e. cannot recognize number 1-9 was 21.2%
- Math assessment tool covers up to Grade 3 standard of the curriculum. Class wise analysis of learning level show that 56.9% of those enrolled in Class 4 were able to do 2-digit subtraction sums and 22.2% could do 3-digit division sums.
- In ASER 2010, 34.3% of class 5 students were reported as being able to do 3-digit division sums compared to 37.3% of class 5 students in 2011.
- Arithmetic learning level of children going to private schools is slightly better but far from being satisfactory. 48.1% of private school students of Class 5 could do division correctly as opposed to 34.7% of Class 5 students studying in government schools.
- The arithmetic ability of out of school children shows that 5% were able to do division sums and 9.9% were able to do subtraction correctly. 64.9% of the out of school children were found to be at the beginner level.

School Profiles

A total of 3,466 (2,376 government and 1090 private) schools were surveyed in 2011.

Attendance Levels

Student

- Overall student attendance in government schools stood at 83.4% as per register and 79.7% according to the headcount on the day of school visit. The attendance level (headcount) in primary schools was 75.9% whereas it was 81.2 % and 83.6% in elementary and high schools respectively.
- The overall attendance in private schools is 89% as per register and 85.8% as per headcount. At the primary level the attendance as per head count was 85.2%, while it was 85.4% and 87.2% for elementary and high schools respectively.

Teacher

- Overall teachers' attendance in government schools was 83.1%. At the primary level, attendance was 85.1% whereas it varies from 82% to 84% for Elementary, High and other schools.
- Overall teachers' attendance rate for private schools stood at 89.7%. At primary level, attendance was 83.7% while for Elementary and High schools it was 89.6% and 92.2 % respectively.

Physical Facilities

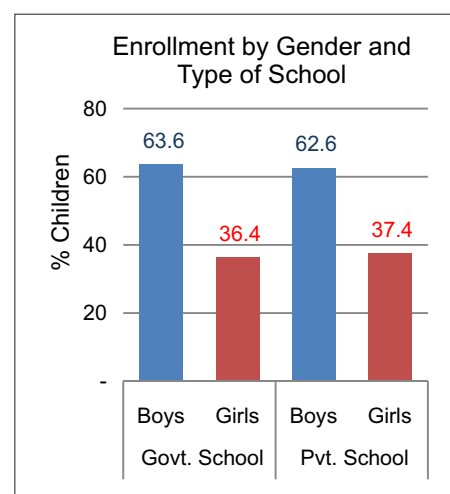
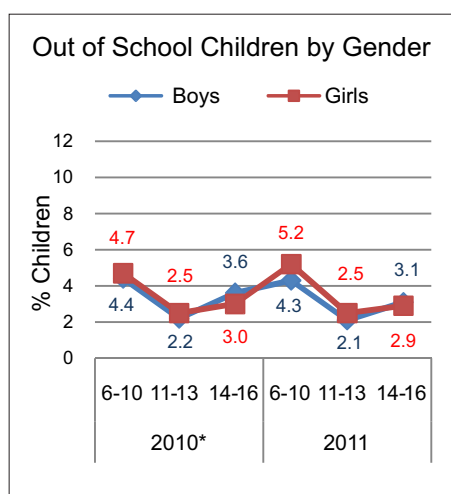
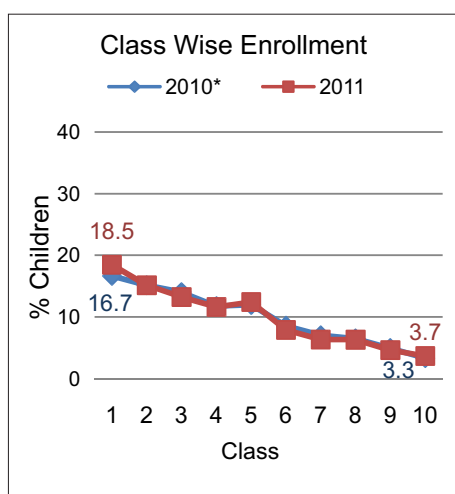
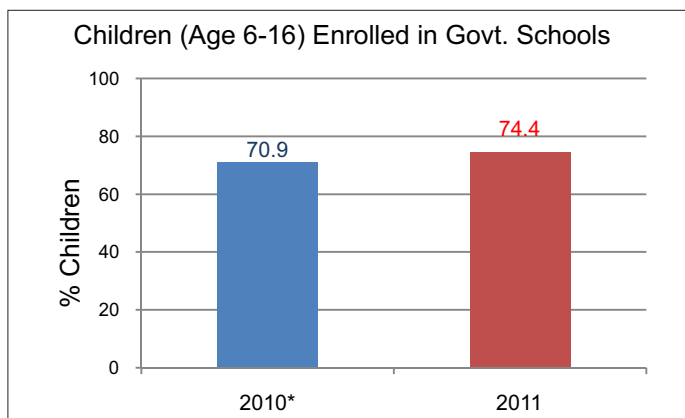
- Of the total government primary schools surveyed, 55.4% had useable water facility and 43% had a functional toilet. In ASER 2010, it was found that 57.5% of the government primary schools surveyed had useable water while 45.3% had a functional toilet.
- The percentage of private primary schools found with useable water facility was 79.9%, also 74.4% were found with a functional toilet.
- The average number of rooms used for conducting classes at primary level in government schools was around 2 whereas in private schools, average number of primary classrooms was 4.
- Boundary walls were found in 65.1% of the surveyed government primary schools whereas 76.6% of private primary schools had a boundary wall. In ASER 2010, 66.4% of the surveyed government primary schools were found with a boundary wall.
- Among the government primary schools surveyed 37.1% had a playground within the school premises compared to 39.3% of private primary schools that had a playground.
- The surveyors were asked to observe if class 2 and class 8 were sitting together with any other classes. It was found that in 44.4% of the surveyed government schools, class 2 was sitting with other classes. Similarly, in 11.3% of surveyed government schools, class 8 was found to be sitting with other classes.
- Among the government schools surveyed, 272 (19%) primary schools, 86 (23.6%) elementary and 97 (26.4%) high schools had received grants in 2011.

Mothers' Literacy

- Out of a total 50,473 mothers in the sampled households, 49% agreed to be tested for literacy whereas 16.9% were not available.
- Of those tested, only 34.5% were able to read simple sentences in their own language and 65.5% fell in the illiterate category. At the provincial level, the lowest rate of mothers' literacy in the rural sample was 12.8% in FATA while the most literate mothers were to be found in Punjab (41.6%).

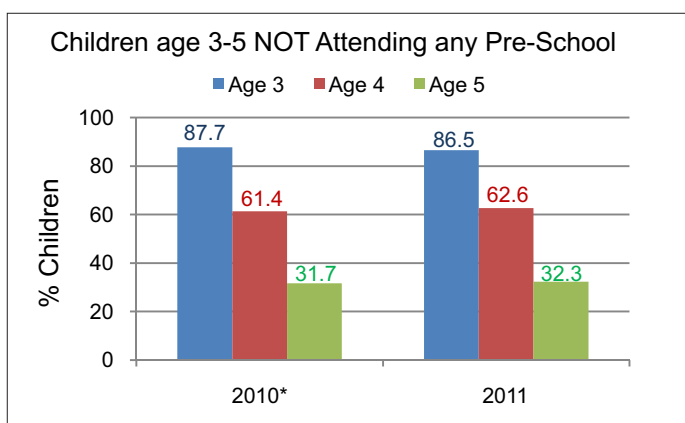
School Enrollment and Out of School Children

% Children in Different Types of Schools					% Out of School		Total
Age Group	Govt.	Pvt.	Madrasah	Others	Never Enrolled	Drop-out	
6-10	61.5	20.0	1.8	0.3	14.9	1.6	100
11-13	60.2	18.1	1.6	0.2	13.7	6.3	100
14-16	52.5	14.5	1.6	0.1	17.5	13.8	100
6-16	59.5	18.5	1.7	0.2	15.1	5.0	100
Total	79.9				20.1		100
By Type	74.4	23.1	2.1	0.3			



Early Years Schooling (Pre-Schooling)

% Children Who Attend Different Types of Pre-Schools						
Age Group	Govt.	Pvt.	Madrasah	Others	Out of school	Total
3	9.2	3.5	0.8	0.0	86.5	100
4	24.4	11.8	1.1	0.1	62.6	100
5	46.4	19.5	1.5	0.3	32.3	100
3-5	28.9	12.5	1.2	0.2	57.3	100
Total	42.8				57.3	100
By Type	67.6	29.3	2.7	0.4	67.6	100



*In 2010, 32 districts of Pakistan were surveyed.

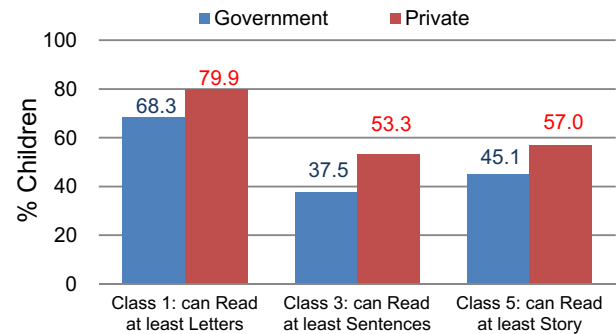
Learning Levels - Urdu

Class Wise % Children Who Can Read

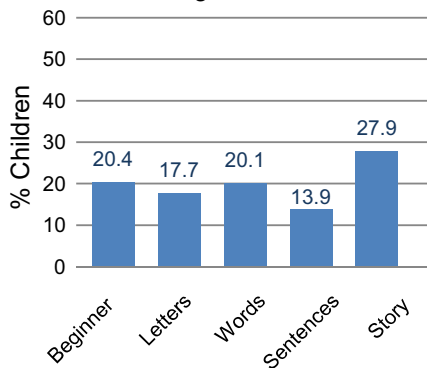
Class	Nothing	Letter	Words	Sentences	Story	Total
1	28.9	41.8	23.4	3.8	2.1	100
2	10.9	26.8	41.3	13.4	7.6	100
3	5.7	17.0	36.1	24.2	17.0	100
4	3.5	11.2	26.0	28.5	30.8	100
5	2.3	7.0	18.9	24.4	47.4	100
6	1.6	4.3	12.8	21.0	60.2	100
7	1.4	3.2	9.0	18.5	67.9	100
8	1.3	2.9	6.1	14.3	75.4	100
9	0.8	2.6	3.2	10.3	83.1	100
10	1.0	2.3	3.2	8.1	85.4	100

How to read: 5.9% (3.8+2.1) children of class 1 can read sentences

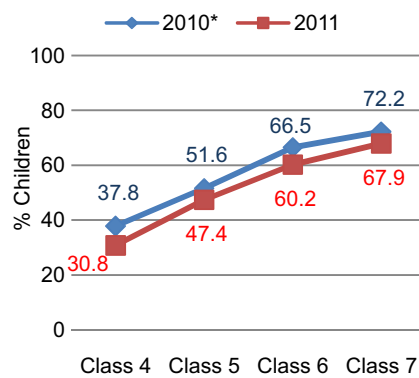
Learning Levels - Urdu in Govt. and Pvt. Schools



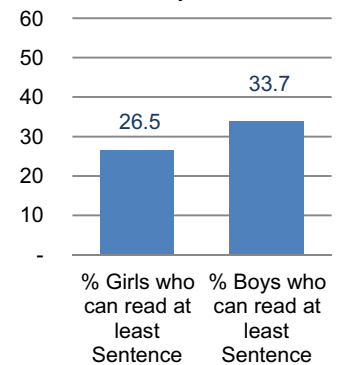
Learning Levels - Urdu



Children Who Can Read Urdu Story



Learning Level - Urdu by Gender



Learning Levels - English

Class Wise % Children Who Can Read English

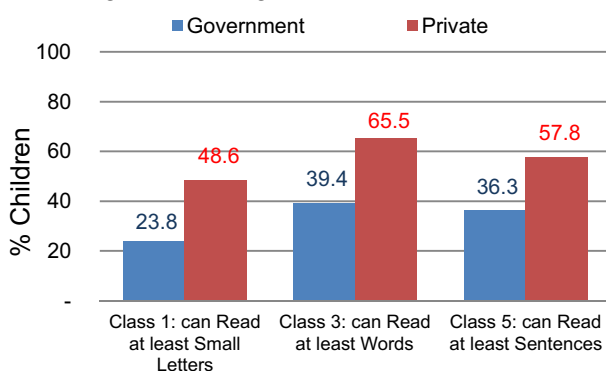
Class	Nothing	Capital letter	Small letters	Words	Sentences	Total
1	44.8	25.3	17.9	10.0	2.0	100
2	22.8	22.5	25.5	23.0	6.2	100
3	14.0	15.8	24.7	32.3	13.1	100
4	9.7	11.1	18.4	35.7	25.0	100
5	7.2	8.3	13.3	30.6	40.6	100
6	3.2	5.0	9.8	25.6	56.4	100
7	2.0	3.2	7.2	20.3	67.2	100
8	2.1	2.5	4.5	14.5	76.4	100
9	1.5	2.0	2.8	9.6	84.1	100
10	1.4	1.8	2.3	6.8	87.7	100

How to read: 12.0% (10.0+2.0) children of class 1 can read words

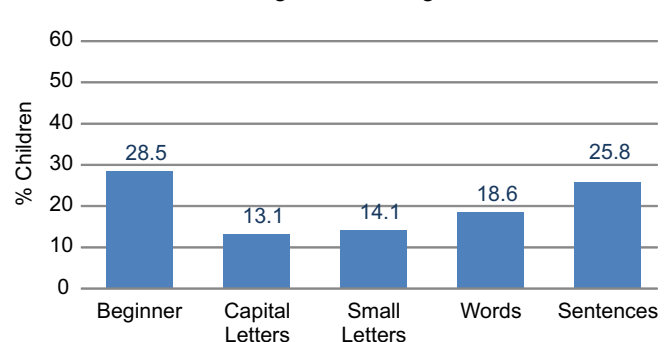
Of those who can read words, % who can tell meanings

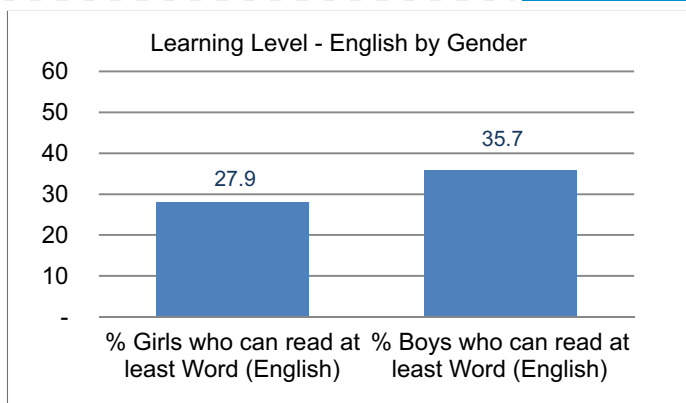
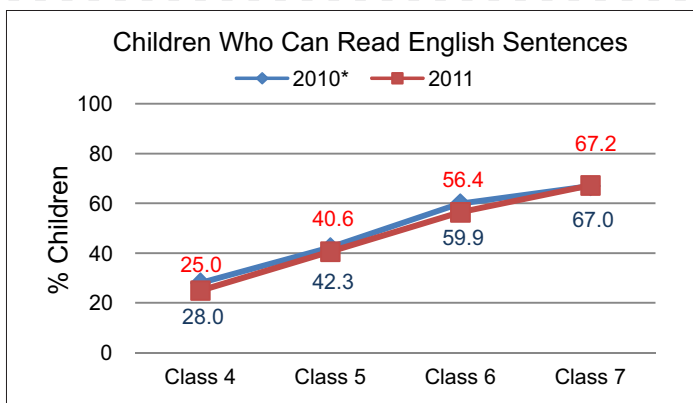
52.5	63.1
59.0	69.1
61.5	71.0
64.5	72.3
66.9	73.5
69.2	76.5
69.0	79.0
68.9	81.8
71.3	83.4
65.5	83.5

Learning Levels - English in Govt. and Pvt. Schools



Learning Levels - English

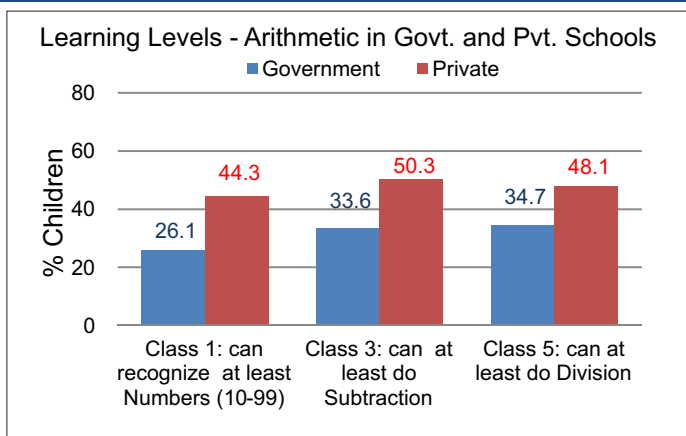




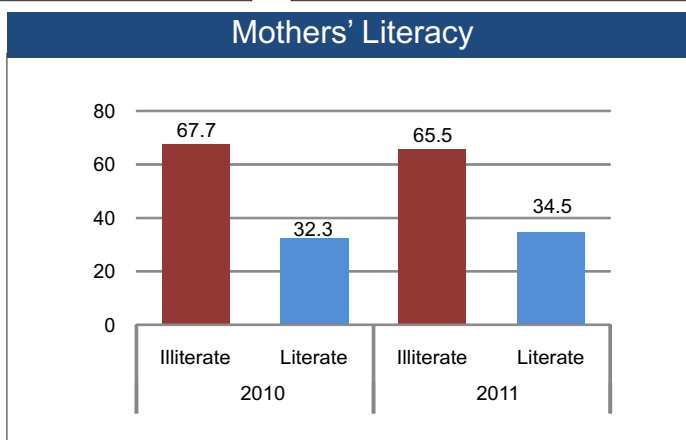
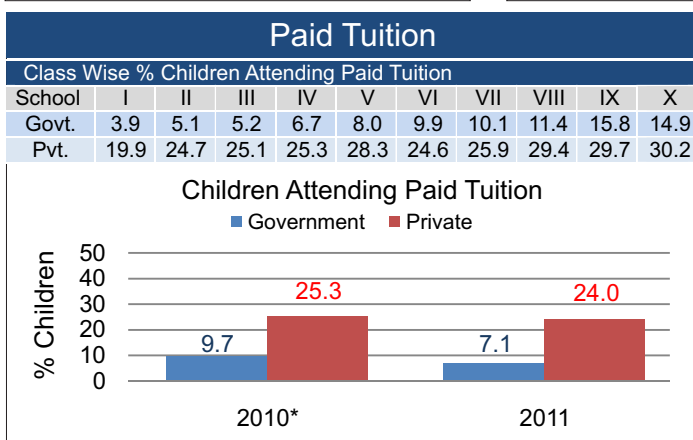
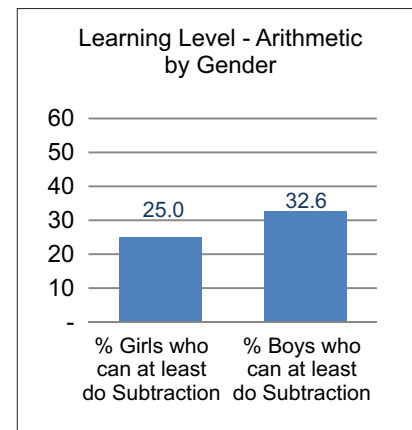
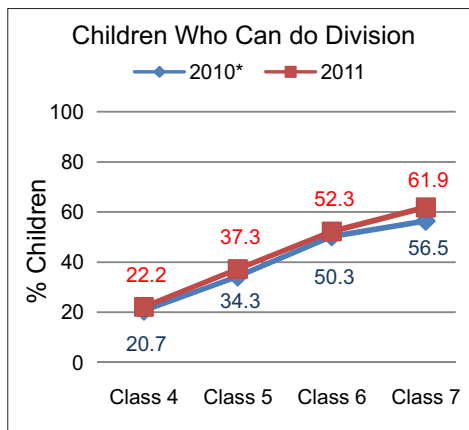
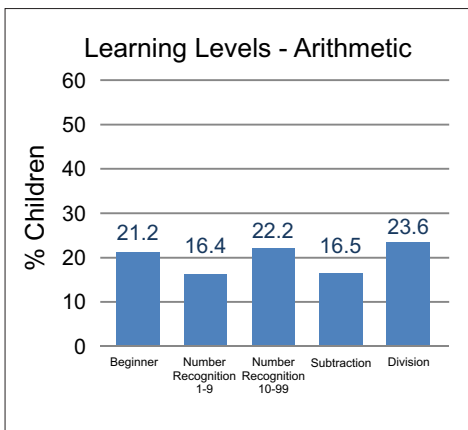
Learning Levels - Arithmetic

Class Wise % Children Who Can Do

Class	Nothing	Number recognition		Subtraction (2 Digits with carry)	Division (3 Digits by 1)	Total
		1-9	10-99			
1	31.7	37.8	25.5	3.5	1.5	100
2	12.1	25.6	44.9	12.9	4.5	100
3	6.8	15.7	40.0	27.3	10.1	100
4	4.0	10.0	29.1	34.7	22.2	100
5	3.0	5.8	21.4	32.4	37.3	100
6	2.1	3.8	13.6	28.1	52.3	100
7	1.6	2.6	10.3	23.7	61.9	100
8	1.6	2.1	6.6	18.3	71.5	100
9	0.9	2.0	4.7	12.1	80.3	100
10	1.0	1.3	4.1	9.5	84.1	100



How to read : 5.0% (3.5+1.5) children of class 1 can do subtraction



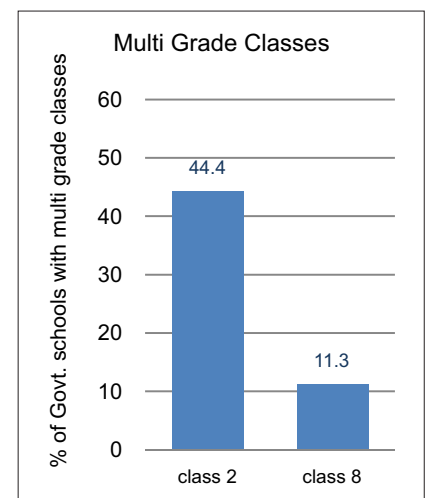
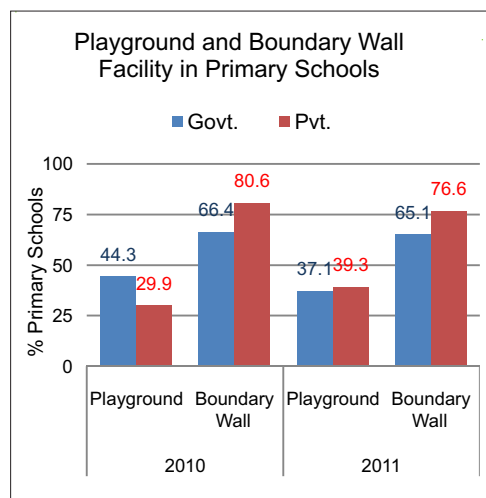
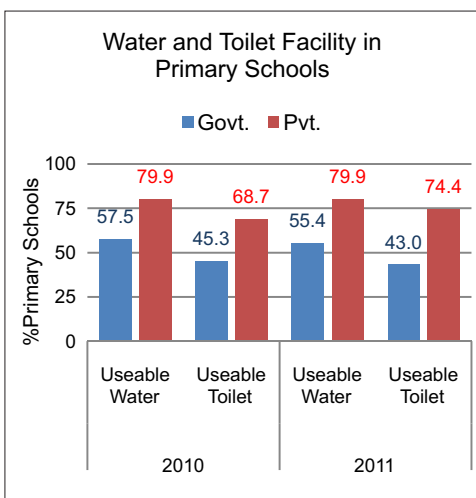
National - School Report Card

	Number of Surveyed School by Type							
	Government School				Private School			
	Boys	Girls	Boys & Girls	Total	Boys	Girls	Boys & Girls	Total
Primary	536	200	692	1428	22	16	270	308
Elementary	188	88	89	365	36	9	460	505
High	243	85	39	367	26	12	211	249
Other	126	33	57	216	4	2	22	28
Total	1093	406	877	2376	88	39	963	1090

	Children Attendance on the Day of Visit									
	Government School					Private School				
	Primary	Elementary	High	Other	Overall	Primary	Elementary	High	Other	Overall
% of Attendance (as per register)	81.2	84.4	86.4	81.2	83.4	88.3	88.8	90.2	77.1	89.0
% of Attendance (as per headcount)	75.9	81.2	83.6	79.0	79.7	85.2	85.4	87.2	75.6	85.8

	Teacher Attendance on the Day of Visit									
	Government School					Private School				
	Primary	Elementary	High	Other	Overall	Primary	Elementary	High	Other	Overall
Teacher Attendance (%)	85.1	82.5	84.3	84.2	83.1	83.7	89.6	92.2	93.4	89.7

	School Facilities							
	Government School				Private School			
	Primary	Elementary	High	Other	Primary	Elementary	High	Other
Useable Water (%)	55.4	68.5	76.8	68.5	79.9	90.7	93.6	85.7
Useable Toilet (%)	43.0	60.5	61.0	57.4	74.4	90.9	92.8	85.7
Rooms Available	3.0	7.4	12.2	9.7	5.0	8.7	14.1	9.4
Rooms used for classes	2.5	5.9	9.4	6.9	4.2	7.7	12.4	9.2
Availability of Playground (%)	37.1	57.3	63.5	46.3	39.3	50.7	59.0	53.6
Availability of Boundary wall (%)	65.1	74.2	75.7	72.7	76.6	91.5	93.6	96.4



	School Funds							
	Government School				Private School			
	Primary	Elementary	High	Other	Primary	Elementary	High	Other
No. of Schools which received any grants	272	86	97	51	2	17	2	1
Average amount of grant	51,951	41,193	96,757	71,225	141,750	887,572	104,650	2,925,000