

Trends Over Time: 2008-2014

Sample description over time

Table 1: Sample description. 2008-2014

Year	Districts surveyed	Villages surveyed	Households surveyed	Number of children surveyed		
				Age 3-5	Age 6-14	Age 15-16
2008	4	83	2267	623	2885	432
2009	4	89	2315	578	2299	583
2010	4	86	2313	497	2216	600
2011	4	76	1472	305	1466	318
2012	4	76	1586	319	1366	318
2013	4	95	2321	512	2205	520
2014	4	88	2192	456	1845	388

Each year from 2006 to 2014, *ASER has collected data for a representative sample of children from every state and almost every rural district in India. On average ASER has reached over 560 districts each year, surveying an average of 650,000 children in more than 16,000 villages across the country. Information on their schooling status, basic reading and basic arithmetic ability was collected every year. In addition, children's ability to read English was assessed during four ASER rounds (2007, 2009, 2012 and 2014).

ASER Trends Over Time provides a summary of trends in selected variables in each of these four domains over this nine-year period.

*ASER 2005 is not included because of differences in sampling methodology.

Enrollment over time

Out of school children 2008-2014

Table 2: % Children age 6-14 not enrolled in school, by gender. 2008-2014

Year	Boys		Girls		All children	
	All India	Sikkim	All India	Sikkim	All India	Sikkim
2008	3.8	2.9	4.8	3.6	4.3	3.3
2009	3.6	3.2	4.5	1.5	4.0	2.3
2010	3.2	2.7	3.8	1.1	3.4	1.9
2011	3.1	1.0	3.6	0.4	3.3	0.7
2012	3.1	2.6	3.9	2.9	3.5	2.7
2013	3.1	1.5	3.5	1.2	3.3	1.3
2014	2.9	1.2	3.7	0.6	3.3	0.9

Private school enrollment 2008-2014

Table 3: % Children age 6-14 enrolled in private schools, by gender. 2008-2014

Year	Boys		Girls		All children	
	All India	Sikkim	All India	Sikkim	All India	Sikkim
2008	24.6	27.0	20.3	21.6	22.6	24.2
2009	23.3	31.2	19.9	25.1	21.8	28.3
2010	25.5	23.8	21.7	19.9	23.7	21.9
2011	28.0	30.1	23.0	26.2	25.6	28.2
2012	31.5	31.1	25.2	26.1	28.3	28.7
2013	32.2	25.2	25.5	21.2	29.0	23.1
2014	34.5	31.6	26.9	31.0	30.8	31.3



Note: Data collection for the ASER survey is carried out in the household. Information on the type of school (government or private) that a child is enrolled in, is self-reported by households.

Sikkim RURAL

Data has not been presented where sample size was insufficient.

Reading over time

Std III Reading levels 2008-2014

Table 4: % Children in Std III who can read at least a Std I level text. 2008-2014

Year	All India	Sikkim
2008	50.6	63.8
2009	46.6	61.2
2010	45.7	65.2
2011	40.4	53.2
2012	38.8	55.7
2013	40.2	57.6
2014	40.3	48.3

Table 5: % Children in Std III who can read at least a Std I level text, by school type. 2008-2014

Year	Govt. schools		Pvt. schools	
	All India	Sikkim	All India	Sikkim
2008	46.9	55.1		
2009	43.8	52.4		
2010	42.5	62.1		
2011	35.2	52.9		
2012	32.4	48.8		
2013	32.6	51.8		
2014	31.8	31.8		

Data insufficient for Sikkim

Std V Reading levels 2008-2014

Table 6: % Children in Std V who can read a Std II level text. 2008-2014

Year	All India	Sikkim
2008	56.3	61.0
2009	52.9	54.9
2010	53.7	49.3
2011	48.3	53.4
2012	46.9	61.6
2013	47.0	48.0
2014	48.1	43.4

Table 7: % Children in Std V who can read a Std II level text, by school type. 2008-2014

Year	Govt. schools		Pvt. schools	
	All India	Sikkim	All India	Sikkim
2008	53.1	55.7		
2009	50.3	49.3		
2010	50.7	45.8		
2011	43.8	53.4		
2012	41.7	56.9		
2013	41.1	44.6		
2014	42.2	36.7		

Data insufficient for Sikkim

Reading Tool

कथा

बाबुले काळोलाई धरे मया गय्या।
अरु माइहरु यो देखेर धरे आसिस गयो।
एकदिन उनीहरुले काळो माईलाई परदेशीको हातमा बेटीदिए। काळो माईलाई बनपशुले खाएछ अनि बाबुलाई ढाटा। यो खबर सुनि बाबु साठै दुस्खित भए।

काळो माईको महन्त र इमान्दारीले उ एक ठूलो मानिस भए। एकदिन देशभरि अभिकाल पन्यो। उस कहि खानेकपुरो किम्बन् दाज्यूहरु त्यही माईको धरणा पुगे। दाज्यूहरुले माईलाई टिनेकन, तर माईले सबैलाई टिने। अन्तमा, सबै पुरानो कुराहरु मुलेर माईले सबैलाई माफ गरि खानेकपुराहरु टिई पठाए।

अनुच्छेद

मेरो दाज्यूको नाम जोन हो ।
उसकोमा एउटा गोली छ ।
उ साथीहरुसँग मिलेर गोली खेल्ने गर्छन् ।
उनीहरु मिलेर मज्जा गर्छन् ।

अक्षर	वर्ण
क	ख
ग	घ
ङ	च

अक्षर	वर्ण
झ	ञ
ट	ठ
ड	ढ

ASK THE CHILD TO READ ANY 4 LETTERS, ATTACHED & REPORT BE CORRECT.



Data has not been presented where sample size was insufficient.

Arithmetic over time

Std III Arithmetic levels 2008-2014*

Year	All India	Sikkim
2008	38.9	66.1
2009	39.1	64.9
2010	36.3	53.4
2011	30.0	51.9
2012	26.4	55.0
2013	26.1	54.2
2014	25.4	42.6

Year	Govt. schools		Pvt. schools	
	All India	Sikkim	All India	Sikkim
2008	35.4	58.5		
2009	36.5	60.5		
2010	33.2	51.3		
2011	25.2	46.8		
2012	19.8	49.6		
2013	18.9	49.7		
2014	17.3	32.9		

Std V Arithmetic levels 2008-2014*

Year	All India	Sikkim
2008	37.1	50.1
2009	38.1	49.0
2010	36.2	42.3
2011	27.6	41.5
2012	24.9	43.8
2013	25.6	33.3
2014	26.1	33.3

Year	Govt. schools		Pvt. schools	
	All India	Sikkim	All India	Sikkim
2008	34.4	46.4		
2009	36.1	47.7		
2010	33.9	40.1		
2011	24.5	41.2		
2012	20.3	43.5		
2013	20.8	32.8		
2014	20.7	24.4		

Math Tool

Number recognition 1-9	Number recognition 10-99	Subtraction	Division
3 7	65 38	41 64 - 13 - 48	7) 928
1 4	92 23	84 73 - 49 - 36	6) 769
8 2	47 72	56 31 - 37 - 13	8) 987
5 9	54 87	45 53 - 18 - 24	4) 519
29 11			

Ask the child to recognize any 4 numbers. At least 4 must be correct.

Ask the child to recognize any 8 numbers. At least 4 must be correct.

Ask the child to do any 2 subtraction problems. Both must be correct.

Ask the child to do any 1 division problem. It must be correct.



*ASER 2006 arithmetic results are not comparable to the subsequent years because of a change in the assessment tool. Hence this data has not been included in the above tables.

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Data has not been presented where sample size was insufficient.

English over time

Std V English reading levels 2009, 2012, 2014

Table 12: % Children in Std V who can read at least words. 2009, 2012, 2014

Year	All India	Sikkim
2009	56.7	96.3
2012	49.0	98.2
2014	49.2	96.0

Table 13: % Children in Std V who can read at least words, by school type. 2009, 2012, 2014

Year	Govt. schools		Pvt. schools	
	All India	Sikkim	All India	Sikkim
2009	53.3	96.2		
2012	41.4	98.4		
2014	39.7	94.9		

Data insufficient for Sikkim

Table 14: % Children in Std V who can read sentences. 2009, 2012, 2014

Year	All India	Sikkim
2009	25.7	80.8
2012	22.6	83.5
2014	24.1	64.4

Table 15: % Children in Std V who can read sentences, by school type. 2009, 2012, 2014

Year	Govt. schools		Pvt. schools	
	All India	Sikkim	All India	Sikkim
2009	21.9	80.6		
2012	15.4	82.5		
2014	14.9	60.0		

Data insufficient for Sikkim

Std VII English reading levels 2009, 2012, 2014

Table 16: % Children in Std VII who can read sentences. 2009, 2012, 2014

Year	All India	Sikkim
2009	49.1	96.2
2012	39.8	88.8
2014	38.8	87.3

Table 17: % Children in Std VII who can read sentences, by school type. 2009, 2012, 2014

Year	Govt. schools		Pvt. schools	
	All India	Sikkim	All India	Sikkim
2009				
2012				
2014				

Data insufficient for Sikkim

English Tool

Give this test to ALL children. Record the highest reading level. Note the ability of the child to tell the meaning of words OR sentences depending on the child's highest reading level.

<p style="text-align: center; font-size: x-small;">Capital letter</p> <p style="text-align: center; font-size: large; letter-spacing: 10px;">C K S Q F W O Z</p> <p style="font-size: x-small;">Ask the child to recognize any 3 letters. At least 2 must be correct.</p>	<p style="text-align: center; font-size: x-small;">Small letter</p> <p style="text-align: center; font-size: large; letter-spacing: 10px;">n p g v e j r b</p> <p style="font-size: x-small;">Ask the child to recognize any 3 letters. At least 2 must be correct.</p>
<p style="text-align: center; font-size: x-small;">Word</p> <p style="text-align: center; font-size: large; letter-spacing: 10px;">day old sit run rat bag</p> <p style="font-size: x-small;">Ask the child to read any 3 words. At least 2 must be correct. If the highest level that the child has reached in reading English is the Word Level, then ask the child to say the meaning of those words who has said 'correct'. The meaning of at least 2 out of 3 words must be correct.</p>	<p style="text-align: center; font-size: x-small;">Sentence</p> <p style="font-size: large;">Where is your house? This is a tall tree. I like to sing. She has a red dress.</p> <p style="font-size: x-small;">Ask the child to read 3 sentences. At least 2 must be correct. If the highest level that the child has reached in reading English is the Sentence Level, then ask the child to say the meaning of those sentences who has said 'correct'. The meaning of at least 2 out of 3 sentences must be correct.</p>

