

Trends Over Time: 2006-2014

Sample description over time

Table 1: Sample description. 2006-2014

Year	Districts surveyed	Villages surveyed	Households surveyed	Number of children surveyed		
				Age 3-5	Age 6-14	Age 15-16
2006	18	522	10686	3267	13241	3064
2007	19	536	10715	3512	15516	2403
2008	19	546	11337	3189	14036	2600
2009	19	519	9702	2900	11535	2400
2010	19	543	11247	3344	12723	2339
2011	19	550	11222	2948	11616	1880
2012	19	552	10848	2661	9858	1936
2013	19	550	10701	2491	9552	1756
2014	19	531	11156	2448	9070	1801

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 2006-2014

Table 2: % Children age 6-14 not enrolled in school, by gender. 2006-2014

Year	Boys		Girls		All children	
	All India	Punjab	All India	Punjab	All India	Punjab
2006	5.8	3.0	7.5	3.5	6.6	3.2
2007	3.8	2.7	4.6	3.3	4.2	2.9
2008	3.8	2.8	4.8	2.8	4.3	2.7
2009	3.6	5.7	4.5	5.0	4.0	5.2
2010	3.2	1.7	3.8	1.6	3.4	1.7
2011	3.1	1.7	3.6	1.4	3.3	1.6
2012	3.1	1.4	3.9	1.2	3.5	1.3
2013	3.1	1.5	3.5	1.3	3.3	1.4
2014	2.9	1.2	3.7	1.9	3.3	1.5

Private school enrollment 2006-2014

Table 3: % Children age 6-14 enrolled in private schools, by gender. 2006-2014

Year	Boys		Girls		All children	
	All India	Punjab	All India	Punjab	All India	Punjab
2006	20.2	44.7	17.0	37.3	18.7	41.5
2007	20.8	33.9	17.6	29.0	19.3	31.8
2008	24.6	44.2	20.3	39.2	22.6	41.7
2009	23.3	33.4	19.9	28.7	21.8	30.5
2010	25.5	39.7	21.7	35.8	23.7	38.0
2011	28.0	42.4	23.0	36.2	25.6	39.6
2012	31.5	48.2	25.2	41.3	28.3	45.1
2013	32.2	50.1	25.5	42.6	29.0	46.7
2014	34.5	53.2	26.9	45.0	30.8	49.5

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.



Data has not been presented where sample size was insufficient.

Reading over time

Std III Reading levels 2006-2014

Table 4: % Children in Std III who can read at least a Std I level text. 2006-2014

Year	All India	Punjab
2006	48.1	49.3
2007	49.2	53.6
2008	50.6	48.9
2009	46.6	49.8
2010	45.7	53.1
2011	40.4	58.5
2012	38.8	59.2
2013	40.2	60.2
2014	40.3	53.5

Table 5: % Children in Std III who can read at least a Std I level text, by school type. 2006-2014

Year	Govt. schools		Pvt. schools	
	All India	Punjab	All India	Punjab
2006	45.8	38.8	58.4	62.1
2007	46.7	47.8	61.7	64.9
2008	46.9	40.9	63.9	61.3
2009	43.8	44.2	58.2	62.2
2010	42.5	52.4	57.6	54.2
2011	35.2	57.3	56.3	60.5
2012	32.4	51.4	55.3	68.0
2013	32.6	52.3	59.6	68.2
2014	31.8	42.4	59.0	62.8

Std V Reading levels 2006-2014

Table 6: % Children in Std V who can read a Std II level text. 2006-2014

Year	All India	Punjab
2006	53.1	53.4
2007	58.9	64.7
2008	56.3	63.1
2009	52.9	65.1
2010	53.7	69.7
2011	48.3	71.9
2012	46.9	71.2
2013	47.0	67.8
2014	48.1	66.6

Table 7: % Children in Std V who can read a Std II level text, by school type. 2006-2014

Year	Govt. schools		Pvt. schools	
	All India	Punjab	All India	Punjab
2006	51.4	44.3	60.8	66.1
2007	56.7	65.9	69.0	61.3
2008	53.1	61.3	67.9	66.0
2009	50.3	64.3	63.1	67.6
2010	50.7	68.7	64.2	71.9
2011	43.8	71.9	62.7	71.9
2012	41.7	69.5	61.2	73.5
2013	41.1	66.5	63.3	69.9
2014	42.2	60.9	62.5	73.8

Reading Tool

ਕਹਾਣੀ
 ਜੀਤੂ ਦੇ ਘਰ ਇੱਕ ਕੁੱਤਾ ਹੈ। ਉਸ ਦਾ ਨਾਮ ਜੈਕੀ ਹੈ। ਉਸ ਦਾ ਰੰਗ ਕਾਲਾ ਹੈ। ਇੱਕ ਦਿਨ ਰਾਤ ਨੂੰ ਉਹਨਾਂ ਦੇ ਘਰ ਚੋਰ ਆ ਗਏ। ਸਾਰੇ ਸੁੱਤੇ ਪਏ ਸਨ। ਜੈਕੀ ਨੂੰ ਚੋਰਾਂ ਦੀ ਅਵਾਜ਼ ਸੁਣਾਈ ਦਿੱਤੀ। ਉਸ ਨੇ ਜ਼ੋਰ-ਜ਼ੋਰ ਨਾਲ ਭੌਂਕਣਾ ਸ਼ੁਰੂ ਕਰ ਦਿੱਤਾ। ਅਵਾਜ਼ ਸੁਣ ਕੇ ਸਾਰੇ ਉੱਠ ਗਏ। ਜੀਤੂ ਨੇ ਚੋਰਾਂ ਨੂੰ ਫੜ ਲਿਆ। ਉਹਨਾਂ ਨੇ ਚੋਰਾਂ ਨੂੰ ਪੁਲਿਸ ਦੇ ਹਵਾਲੇ ਕਰ ਦਿੱਤਾ।

ਪੈਰਾ
 ਸਵੇਰ ਹੋ ਗਈ ਹੈ।
 ਸੂਰਜ ਚਮਕ ਰਿਹਾ ਹੈ।
 ਚਿੜੀਆਂ ਚੀਂ-ਚੀਂ ਕਰ ਰਹੀਆਂ ਹਨ।
 ਬੱਚੇ ਸਕੂਲ ਜਾ ਰਹੇ ਹਨ।

ਲ	ਪ	ਸ	ਹਾਰ	ਖੁਰ
ਕ	ਗ	ਪਾਣੀ	ਸਿਰ	
ਛ	ਬ	ਮ	ਪੂਰਾ	ਸੁਰ
ਟ	ਰ	ਸ਼ੇਰ	ਤੇਲ	ਮੋਕਾ



Data has not been presented where sample size was insufficient.

Arithmetic over time

Std III Arithmetic levels 2007-2014*

Year	All India	Punjab
2007	42.4	51.9
2008	38.9	43.1
2009	39.1	51.2
2010	36.3	63.7
2011	30.0	61.4
2012	26.4	52.0
2013	26.1	55.4
2014	25.4	47.7

Year	Govt. schools		Pvt. schools	
	All India	Punjab	All India	Punjab
2007	40.2	46.4	53.9	62.5
2008	35.4	34.8	51.8	55.9
2009	36.5	46.0	49.7	62.6
2010	33.2	62.0	47.8	66.5
2011	25.2	60.3	44.6	63.1
2012	19.8	40.6	43.4	64.8
2013	18.9	42.9	44.6	68.1
2014	17.3	32.1	43.4	60.6

Std V Arithmetic levels 2007-2014*

Year	All India	Punjab
2007	42.5	54.1
2008	37.1	43.5
2009	38.1	50.0
2010	36.2	69.9
2011	27.6	61.3
2012	24.9	52.0
2013	25.6	49.7
2014	26.1	44.4

Year	Govt. schools		Pvt. schools	
	All India	Punjab	All India	Punjab
2007	41.0	55.2	49.4	50.9
2008	34.4	39.7	47.1	49.7
2009	36.1	48.6	46.2	54.0
2010	33.9	70.8	44.2	68.0
2011	24.5	62.5	37.7	59.0
2012	20.3	48.6	37.8	56.5
2013	20.8	47.1	38.9	53.7
2014	20.7	37.1	39.3	53.9

Math Tool

ਮੱਠ ਪਰਿਯੋਗ 1-9		ਸੰਕੀਰਣ ਪਰਿਯੋਗ 10-99		ਘਟਾਉ		ਭਾਗ
1	4	51	83	46 - 29	63 - 39	
7	3	37	65	47 - 28	45 - 17	6) 824 (
6	9	55	26	92 - 76	84 - 57	8) 985 (
5	2	91	43	52 - 14	66 - 48	4) 517 (
36	27					

1) 10 ਤੋਂ ਕਿਸੇ ਵੀ 3 ਅੰਕ ਪਰਿਯੋਗ ਲਈ ਵਾਲੇ, ਘਟਾਉ ਅਤੇ 4 ਅੰਕਾਂ ਤੋਂ ਵੱਡੇ ਘਟਾਉ ਲਈ।
 2) 10 ਤੋਂ ਕਿਸੇ ਵੀ 2 ਅੰਕਾਂ ਪਰਿਯੋਗ ਲਈ ਵਾਲੇ, ਘਟਾਉ ਅਤੇ 4 ਅੰਕਾਂ ਤੋਂ ਵੱਡੇ ਘਟਾਉ ਲਈ।
 3) 10 ਤੋਂ ਕਿਸੇ ਵੀ 2 ਅੰਕਾਂ ਦੇ ਘਟਾਉ ਦੇ ਸਮੇਂ ਘਟਾਉ ਲਈ ਵਾਲੇ, ਘਟਾਉ ਅਤੇ 4 ਅੰਕਾਂ ਤੋਂ ਵੱਡੇ ਘਟਾਉ ਲਈ।
 4) 10 ਤੋਂ ਕਿਸੇ ਵੀ 1 ਅੰਕਾਂ ਦੇ ਘਟਾਉ ਲਈ ਵਾਲੇ, ਘਟਾਉ ਅਤੇ 4 ਅੰਕਾਂ ਤੋਂ ਵੱਡੇ ਘਟਾਉ ਲਈ।



*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.

Punjab RURAL

Data has not been presented where sample size was insufficient.

English over time

Std V English reading levels 2007, 2009, 2012, 2014

Table 12: % Children in Std V who can read at least words. 2007, 2009, 2012, 2014

Year	All India	Punjab
2007	59.4	72.9
2009	56.7	69.5
2012	49.0	80.5
2014	49.2	76.0

Table 13: % Children in Std V who can read at least words, by school type. 2007, 2009, 2012, 2014

Year	Govt. schools		Pvt. schools	
	All India	Punjab	All India	Punjab
2007	56.7	71.5	72.2	77.1
2009	53.3	63.6	70.1	86.4
2012	41.4	71.1	70.1	93.0
2014	39.7	63.0	72.4	92.7

Table 14: % Children in Std V who can read sentences. 2007, 2009, 2012, 2014

Year	All India	Punjab
2007	28.0	43.2
2009	25.7	35.4
2012	22.6	52.0
2014	24.1	50.8

Table 15: % Children in Std V who can read sentences, by school type. 2007, 2009, 2012, 2014

Year	Govt. schools		Pvt. schools	
	All India	Punjab	All India	Punjab
2007	24.7	40.3	44.1	51.6
2009	21.9	26.8	40.4	60.2
2012	15.4	36.9	42.4	72.3
2014	14.9	29.7	46.5	77.9

Std VII English reading levels 2007, 2009, 2012, 2014

Table 16: % Children in Std VII who can read sentences. 2007, 2009, 2012, 2014

Year	All India	Punjab
2007	53.8	67.1
2009	49.1	56.9
2012	39.8	65.4
2014	38.8	66.7

Table 17: % Children in Std VII who can read sentences, by school type. 2007, 2009, 2012, 2014

Year	Govt. schools		Pvt. schools	
	All India	Punjab	All India	Punjab
2007	50.9	63.5	64.4	76.2
2009	46.1	49.8	59.5	74.6
2012	33.8	56.6	55.9	82.6
2014	31.4	53.6	58.1	86.8

English Tool

ਬਹੁਤੀ ਗੁ ਕਹੀ ਖੋਲ੍ਹੋ (ਹੁਣ)
ਕੁਝ ਨੂੰ ਖੋਲ੍ਹੋ-ਕਿਸੇ ਨੂੰ ਖੋਲ੍ਹੋ-ਕਿਸੇ ਨੂੰ ਖੋਲ੍ਹੋ

D L T	y f i
K G	s v
X P N	m a h

ਸੱਚੇ ਹੁਣੇ ਦੀ ਤਰ੍ਹਾਂ ਖੋਲ੍ਹੋ ਸੱਚੇ ਸੱਚੇ ਹੁਣੇ ਦੀ ਤਰ੍ਹਾਂ ਖੋਲ੍ਹੋ

ਕਿਸੇ ਹੁਣੇ ਦੀ ਤਰ੍ਹਾਂ ਖੋਲ੍ਹੋ ਸੱਚੇ ਸੱਚੇ ਹੁਣੇ ਦੀ ਤਰ੍ਹਾਂ ਖੋਲ੍ਹੋ

dog	fat
cup	out
boy	box

ਸੱਚੇ ਹੁਣੇ ਦੀ ਤਰ੍ਹਾਂ ਖੋਲ੍ਹੋ ਸੱਚੇ ਸੱਚੇ ਹੁਣੇ ਦੀ ਤਰ੍ਹਾਂ ਖੋਲ੍ਹੋ

What is the time?
This is a small door.
I like to sleep.
He has a blue shirt.

