# SCHOOL REPORT CARD

# From the ANNUAL STATUS OF EDUCATION REPORT 2016



# **INDIA** RURAL

# ANALYSIS BASED ON DATA FROM GOVERNMENT SCHOOLS. 589 OUT OF 619 DISTRICTS

### **School observations**

In each sampled village, the largest government school with primary sections is visited on the day of the survey. Information about schools in this report is based on these visits.

| Table 1: Trends over time<br>Number of schools visited<br>2010, 2012, 2014 and 2016                                                             |                      |                      |                      |       |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|-------|--|--|--|--|--|--|--|
| Type of school                                                                                                                                  | 2010                 | 2012                 | 2014                 | 2016  |  |  |  |  |  |  |  |
| Primary schools<br>(Std I-IV/V)                                                                                                                 | 8419                 | 8774                 | 8858                 | 9644  |  |  |  |  |  |  |  |
| Upper primary schools<br>(Std I-VII/VIII)                                                                                                       | 5821                 | 5888                 | 6378                 | 5986  |  |  |  |  |  |  |  |
| Total schools visited                                                                                                                           | 14240                | 14662                | 15236                | 15630 |  |  |  |  |  |  |  |
| Table 2: Trends over time Student and teacher attendance on the day of visit 2010, 2012, 2014 and 2016                                          |                      |                      |                      |       |  |  |  |  |  |  |  |
|                                                                                                                                                 | e on the             | аау от ч             | /ISIT                |       |  |  |  |  |  |  |  |
|                                                                                                                                                 | 2010                 | 2012                 | 2014                 | 2016  |  |  |  |  |  |  |  |
| 2010, 2012, 2014 and 2016 Primary schools                                                                                                       |                      |                      |                      | 2016  |  |  |  |  |  |  |  |
| 2010, 2012, 2014 and 2016 Primary schools (Std I-IV/V) % Enrolled children present (Average) % Teachers present (Average)                       | 2010                 | 2012                 | 2014                 | 20.0  |  |  |  |  |  |  |  |
| 2010, 2012, 2014 and 2016 Primary schools (Std I-IV/V) % Enrolled children present (Average) % Teachers present                                 | 2010 72.9            | 2012                 | 2014<br>71.3         | 71.4  |  |  |  |  |  |  |  |
| 2010, 2012, 2014 and 2016 Primary schools (Std I-IV/V) % Enrolled children present (Average) % Teachers present (Average) Upper primary schools | 2010<br>72.9<br>87.1 | 2012<br>71.4<br>85.2 | 2014<br>71.3<br>85.0 | 71.4  |  |  |  |  |  |  |  |

| Table 3: Trends over time Small schools and multigrade classes 2010, 2012, 2014 and 2016 |      |      |      |      |
|------------------------------------------------------------------------------------------|------|------|------|------|
| Primary schools (Std I-IV/V)                                                             | 2010 | 2012 | 2014 | 2016 |
| % Schools with total enrollment of 60 or less                                            | 27.3 | 32.3 | 36.0 | 39.8 |
| % Schools where Std II children were observed sitting with one or more other classes     | 55.2 | 62.6 | 62.8 | 63.7 |
| % Schools where Std IV children were observed sitting with one or more other classes     | 49.0 | 56.5 | 56.8 | 58.0 |
| Upper primary schools<br>(Std I-VII/VIII)                                                | 2010 | 2012 | 2014 | 2016 |
| % Schools with total enrollment of 60 or less                                            | 2.7  | 6.3  | 7.2  | 8.9  |
| % Schools where Std II children were observed sitting with one or more other classes     | 54.0 | 58.7 | 59.9 | 59.3 |
| % Schools where Std IV children were observed sitting with one or more other classes     | 41.6 | 46.1 | 48.4 | 49.2 |

# **School facilities**

| Table 4: Trends over time % Schools with selected school facilities 2010, 2012, 2014 and 2016 |                                                                      |             |           |       |      |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------|-----------|-------|------|--|--|--|--|--|
| % Schools                                                                                     | with                                                                 | 2010        | 2012      | 2014  | 2016 |  |  |  |  |  |
| Mid-day                                                                                       | Kitchen shed for cooking mid-day meal                                | 82.1        | 84.3      | 88.1  | 89.7 |  |  |  |  |  |
| meal                                                                                          | Mid-day meal served in school on day of visit                        | 84.6        | 87.0      | 85.1  | 87.1 |  |  |  |  |  |
|                                                                                               | No facility for drinking water                                       | 17.0        | 16.7      | 13.9  | 14.8 |  |  |  |  |  |
| Drinking                                                                                      | Facility but no drinking water available                             | 10.3        | 10.3      | 10.5  | 11.2 |  |  |  |  |  |
| water                                                                                         | Drinking water available                                             | 72.7        | 73.0      | 75.6  | 74.1 |  |  |  |  |  |
|                                                                                               | Total                                                                | 100         | 100       | 100   | 100  |  |  |  |  |  |
|                                                                                               | No toilet facility                                                   | 11.0        | 8.5       | 6.3   | 3.5  |  |  |  |  |  |
| Toilet                                                                                        | Facility but toilet not useable                                      | 41.8        | 35.2      | 28.5  | 27.8 |  |  |  |  |  |
| ionec                                                                                         | Toilet useable                                                       | 47.2        | 56.4      | 65.2  | 68.7 |  |  |  |  |  |
|                                                                                               | Total                                                                | 100         | 100       | 100   | 100  |  |  |  |  |  |
|                                                                                               | No separate provision for girls' toilet                              | 31.2        | 21.4      | 18.8  | 12.5 |  |  |  |  |  |
| 0.11                                                                                          | Separate provision but locked                                        | 18.7        | 14.2      | 12.9  | 11.5 |  |  |  |  |  |
| Girls'<br>toilet                                                                              | Separate provision, unlocked but not useable                         | 17.2        | 16.4      | 12.6  | 14.1 |  |  |  |  |  |
| tonet                                                                                         | Separate provision, unlocked and useable                             | 32.9        | 48.1      | 55.7  | 61.9 |  |  |  |  |  |
|                                                                                               | Total                                                                | 100         | 100       | 100   | 100  |  |  |  |  |  |
|                                                                                               | No library                                                           | 37.4        | 24.1      | 21.9  | 24.5 |  |  |  |  |  |
| Library                                                                                       | Library but no books being used by children on day of visit          | 24.7        | 32.2      | 37.4  | 32.9 |  |  |  |  |  |
| ,                                                                                             | Library books being used by children on day of visit                 | 37.9        | 43.8      | 40.7  | 42.6 |  |  |  |  |  |
|                                                                                               | Total                                                                | 100         | 100       | 100   | 100  |  |  |  |  |  |
| Electricity                                                                                   | Electricity connection                                               |             |           |       | 67.9 |  |  |  |  |  |
| Electricity                                                                                   | Of schools with electricity connection, % schools with electricity a | available o | on day of | visit | 75.0 |  |  |  |  |  |
|                                                                                               | No computer available for children to use                            | 84.2        | 79.9      | 80.4  | 80.0 |  |  |  |  |  |
| Computer                                                                                      | Available but not being used by children on day of visit             | 7.2         | 10.7      | 12.6  | 11.9 |  |  |  |  |  |
| Compace                                                                                       | Computer being used by children on day of visit                      | 8.6         | 9.3       | 7.0   | 8.1  |  |  |  |  |  |
|                                                                                               | Total                                                                | 100         | 100       | 100   | 100  |  |  |  |  |  |

### **About ASER**

The Annual Status of Education Report (ASER) is a household survey of children's schooling status and their ability to do basic reading and arithmetic tasks. With the exception of 2015, it has been facilitated by Pratham every year since 2005. ASER is carried out by volunteers from a local organisation in each district.

ASER 2016 reached 589 districts, 17,473 villages, 350,232 households and 562,305 children. About 500 local organizations and 25,000 volunteers participated in this effort.

This is the 11th ASER report.



# INDIA RURAL

# School funds and activities

| Table 5: Trends over time % Schools reporting receipt of SSA grants - Full financial year |                      |                      |           |  |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------------|----------------------|----------------------|-----------|--|--|--|--|--|--|--|--|
| Full financial year                                                                       | Maintenance<br>grant | Development<br>grant | TLM grant |  |  |  |  |  |  |  |  |
| April 2010 to March 2011                                                                  | 83.7                 | 76.8                 | 85.2      |  |  |  |  |  |  |  |  |
| April 2011 to March 2012                                                                  | 86.5                 | 79.0                 | 89.1      |  |  |  |  |  |  |  |  |
| April 2013 to March 2014                                                                  | 79.6                 | 67.5                 | 17.7      |  |  |  |  |  |  |  |  |
| April 2015 to March 2016                                                                  | 80.8                 | 67.3                 | 13.6      |  |  |  |  |  |  |  |  |

| Table 6: Trends over time<br>% Schools reporting receipt of S | SA grants - Ha       | ılf financial yea    | r         |
|---------------------------------------------------------------|----------------------|----------------------|-----------|
| Full financial year                                           | Maintenance<br>grant | Development<br>grant | TLM grant |
| April 2011 to date of survey (2011)                           | 55.1                 | 50.9                 | 53.2      |
| April 2012 to date of survey (2012)                           | 56.0                 | 51.2                 | 54.7      |
| April 2014 to date of survey (2014)                           | 41.2                 | 34.3                 | 7.6       |
| April 2016 to date of survey (2016)                           | 54.3                 | 45.5                 | 13.4      |

Note for Tables 5 and 6: Grant information was not collected in ASER 2013.

| Table 7: % Schools carrying out different activities |                                           |                                           |                                           |  |  |  |  |  |  |
|------------------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|--|--|--|--|--|--|
| Type of activit                                      | у                                         | April 2013 to<br>date of survey<br>(2014) | April 2015 to<br>date of survey<br>(2016) |  |  |  |  |  |  |
| Construction                                         | New classroom built                       | 15.3                                      | 11.4                                      |  |  |  |  |  |  |
|                                                      | White wash/plastering                     | 55.9                                      | 55.4                                      |  |  |  |  |  |  |
| Repair                                               | Repair of drinking water facility         | 46.8                                      | 49.7                                      |  |  |  |  |  |  |
|                                                      | Repair of toilet                          | 38.6                                      | 43.6                                      |  |  |  |  |  |  |
|                                                      | Mats, Tat patti etc.                      | 50.6                                      | 52.2                                      |  |  |  |  |  |  |
| Purchase                                             | Charts, globes or other teaching material | 62.3                                      | 63.0                                      |  |  |  |  |  |  |

| Table 8: School Management Committee (SMC)          | ) in schools    |      |
|-----------------------------------------------------|-----------------|------|
|                                                     | 2014            | 2016 |
| % Schools which reported having an SMC              | 94.0            | 94.8 |
| Of the schools that have SMC, % schools that had th | e last SMC meet | ing  |
| Before July                                         | 10.7            | 7.6  |
| Between July and September                          | 74.1            | 63.0 |
| After September                                     | 15.2            | 29.4 |

Every year schools in India receive three grants. These are the only funds over which schools have any expenditure discretion. Since 2009, ASER has been tracking whether and when this money reaches schools.

| How much goes to each school? | For what purpose?           |
|-------------------------------|-----------------------------|
| School Mainte                 | enance Grant                |
| (Rs. 5,000 - Rs. 7,500) per   | Maintenance of school       |
| school per year if the        | building, including         |
| school has upto 3             | whitewashing,               |
| classrooms                    | bathrooms, hand pump        |
| (Rs. 7,500 - Rs. 10,000) per  | repairs, building,          |
| year if the school has more   | boundary wall,              |
| than 3 classrooms             | playground etc.             |
| Note: Primary and Unner P     | Primary schools are treated |

Note: Primary and Upper Primary schools are treated as separate schools even if they are in the same premises.

# School Development Grant/School Facility Grant

| Rs. 5,000 per year per                         |                                                 |
|------------------------------------------------|-------------------------------------------------|
| Primary School (Std I-IV/V)                    |                                                 |
| Rs. 7,000 per year per<br>Upper Primary School | School equipment, such as blackboards, mats etc |
| (Std VI-VIII)                                  | Also to buy chalk, dusters                      |
| Rs. 5,000 + Rs. 7,000 =                        | registers, and other office                     |
| Rs. 12,000 if the school                       | equipment.                                      |
| is Std I_V/II/V/III                            |                                                 |

Note: Primary and Upper Primary schools are treated as separate schools even if they are in the same premises.

# Teaching Learning Material (TLM) Grant

| Rs. 500 per teacher per | То  |
|-------------------------|-----|
| year for teachers in    | Suc |
| Primary and Upper       |     |
| Primary schools         | mc  |

To buy teaching aids, such as charts, posters, models etc.

Note: In 2014-15 & 2015-16, Government of India withdrew the TLM grant for most states. This was reinstated in 2016-17.





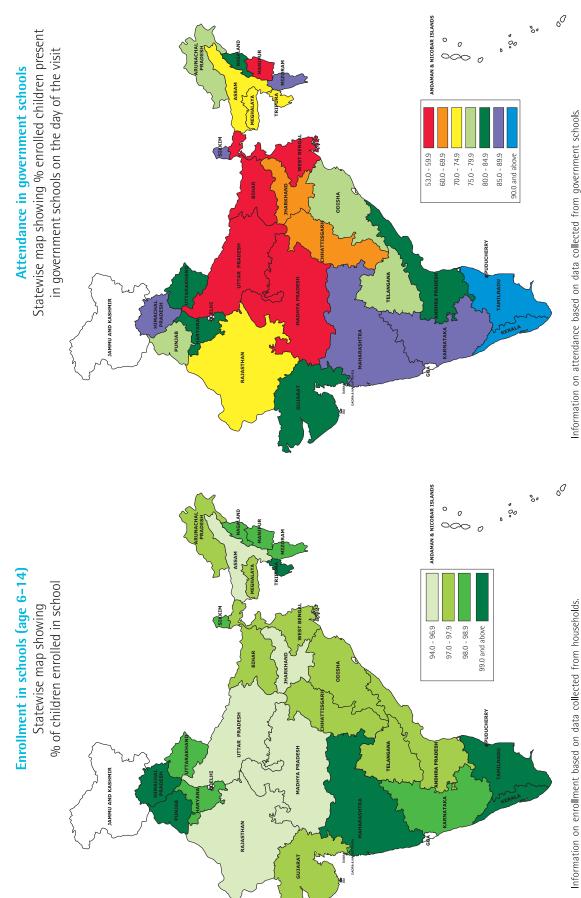


|                                                                                                 |               |                                                                    |      |                |                   |       |       |              |         |         | Scł              | 100       | ol ·      | fac    | eili <sup>.</sup> | tie         | S       |           |         |          |        |        |           |            |           |         |               |             |             |           |
|-------------------------------------------------------------------------------------------------|---------------|--------------------------------------------------------------------|------|----------------|-------------------|-------|-------|--------------|---------|---------|------------------|-----------|-----------|--------|-------------------|-------------|---------|-----------|---------|----------|--------|--------|-----------|------------|-----------|---------|---------------|-------------|-------------|-----------|
|                                                                                                 |               | Girls toilet<br>available<br>and useable                           | 2016 | 72.8           | 35.8              | 54.3  | 8.09  | 70.2         | 81.1    | 82.3    | 79.5             | 61.4      | 59.3      | 78.8   | 45.9              | 62.5        | 24.5    | 38.5      | 25.3    | 40.9     | 65.8   | 75.8   | 79.8      | 76.3       | 64.4      | 40.0    | 51.5          | 61.2        | 64.3        | 61.9      |
|                                                                                                 |               | Girls<br>avail<br>and u                                            | 2010 | 25.4           | 12.2              | 13.7  | 18.1  | 20.0         | 49.9    | 52.8    | 38.7             | 20.9      | 31.8      | 43.9   | 28.9              | 43.2        | 8.4     | 14.8      | 30.8    | 30.6     | 34.7   | 49.4   | 50.3      | 35.1       | 25.4      | 30.3    | 33.9          | 24.0        | 23.7        | 32.9      |
|                                                                                                 |               | oilet available<br>and useable                                     | 2016 | 82.9           | 49.3              | 61.6  | 9.07  | 78.1         | 82.9    | 85.5    | 84.0             | 62.8      | 63.1      | 82.0   | 58.5              | 68.0        | 43.8    | 51.9      | 40.0    | 50.0     | 75.5   | 80.5   | 83.2      | 79.4       | 75.0      | 65.8    | 54.8          | 74.8        | 79.0        | 68.7      |
|                                                                                                 |               | Toilet a                                                           | 2010 | 38.6           | 25.3              | 33.1  | 33.6  | 29.6         | 64.8    | 67.9    | 56.0             | 26.8      | 38.4      | 58.2   | 50.3              | 53.0        | 40.2    | 24.5      | 9:59    | 53.9     | 44.4   | 61.2   | 65.4      | 44.6       | 38.6      | 43.0    | 47.4          | 53.4        | 52.1        | 47.2      |
|                                                                                                 |               | Drinking water<br>available                                        | 2016 | 56.6           | 50.7              | 66.7  | 89.5  | 85.0         | 84.6    | 75.8    | 84.7             | 81.5      | 75.3      | 80.5   | 73.0              | 67.1        | 15.3    | 19.8      | 64.7    | 22.6     | 7.77   | 81.7   | 70.1      | 82.5       | 56.8      | 59.1    | 82.0          | 72.3        | 79.4        | 74.1      |
|                                                                                                 |               |                                                                    | 2010 | 64.8           | 53.2              | 6.09  | 78.7  | 77.6         | 79.4    | 74.6    | 83.2             | 73.8      | 75.8      | 85.7   | 78.5              | 0.69        | 5.1     | 23.9      | 48.5    | 37.0     | 70.3   | 83.1   | 0.89      | 80.5       | 64.8      | 40.0    | 82.2          | 68.3        | 67.2        | 72.7      |
|                                                                                                 |               | Mid-day meal<br>served in school<br>on day of visit                | 2016 | 99.5           | 50.5              | 70.9  | 76.5  | 80.1         | 95.4    | 92.5    | 98.9             | 80.7      | 98.8      | 94.1   | 88.4              | 94.5        | 49.4    | 47.9      | 91.7    | 24.6     | 98.1   | 95.2   | 91.8      | 99.2       | 99.2      | 98.2    | 91.2          | 94.9        | 66.7        | 87.1      |
|                                                                                                 |               | Mid-da<br>served i<br>on day                                       | 2010 | 99.7           | 47.1              | 67.3  | 57.2  | 94.6         | 96.2    | 93.7    | 98.0             | 97.6      | 96.0      | 100.0  | 94.7              | 90.7        | 47.8    | 51.9      | 94.0    | 31.9     | 88.8   | 97.9   | 94.8      | 99.4       | 98.4      | 74.7    | 71.3          | 95.0        | 63.4        | 84.6      |
|                                                                                                 | ::            | Computers<br>available for<br>children                             | 2016 | 17.4           | 12.3              | 1.2   | 7.1   | 1.5          | 75.2    | 10.6    | 7.8              | 4.3       | 45.0      | 89.0   | 2.5               | 55.1        | 15.0    | 1.7       | 5.0     | 14.6     | 15.5   | 9.1    | 34.9      | 57.3       | 12.2      | 10.1    | 2.7           | 9.7         | 3.5         | 20.0      |
|                                                                                                 | Schools with: |                                                                    | 2010 | 9.3            | 14.3              | 1.8   | 6.9   | 4.1          | 52.2    | 17.4    | 6.7              | 7.0       | 29.4      | 82.8   | 7.5               | 33.3        | 8.5     | 2.8       | 7.7     | 14.8     | 7.1    | 10.7   | 15.7      | 47.0       | 9.3       | 8.5     | 1.4           | 6.7         | 1.3         | 15.8      |
|                                                                                                 | % Sch         | Library books<br>being used by<br>children on day<br>of visit      | 2016 | 70.5           | 8.5               | 34.5  | 32.8  | 24.5         | 42.3    | 40.9    | 32.5             | 49.7      | 50.4      | 81.4   | 40.1              | 46.0        | 3.3     | 22.5      | 3.6     | 8.0      | 61.0   | 49.7   | 40.2      | 60.5       | 58.9      | 39.1    | 42.8          | 41.1        | 47.5        | 42.6      |
| 16                                                                                              |               |                                                                    | 2010 | 77.6           | 6.3               | 10.5  | 28.2  | 36.5         | 48.5    | 31.6    | 41.3             | 28.4      | 64.8      | 62.4   | 29.1              | 66.5        | 5.9     | 15.6      | 1.7     | 9.2      | 46.8   | 0.99   | 23.3      | 57.8       | 77.6      | 19.8    | 22.9          | 20.4        | 31.8        | 37.9      |
| state 2010 and 2016                                                                             |               | Library books<br>available                                         | 2016 | 94.7           | 34.6              | 59.3  | 69.3  | 86.0         | 87.8    | 83.2    | 94.6             | 81.1      | 91.6      | 93.6   | 79.5              | 83.7        | 11.7    | 28.7      | 9.1     | 17.4     | 82.1   | 92.0   | 86.0      | 84.1       | 86.9      | 50.0    | 71.5          | 86.9        | 59.5        | 75.5      |
| ite 2010                                                                                        |               |                                                                    | 2010 | 92.0           | 13.0              | 20.8  | 52.9  | 72.9         | 83.8    | 64.6    | 80.3             | 61.6      | 92.4      | 83.1   | 56.3              | 86.1        | 9.2     | 22.0      | 6.4     | 13.3     | 65.3   | 96.0   | 63.7      | 79.1       | 92.0      | 35.4    | 48.7          | 47.7        | 49.5        | 62.6      |
| >                                                                                               |               | Std IV children<br>observed sitting<br>with one or<br>more classes | 2016 | 59.2           | 27.2              | 53.5  | 54.4  | 56.0         | 50.1    | 38.6    | 71.0             | 71.7      | 44.1      | 10.9   | 71.1              | 46.1        | 41.3    | 59.3      | 27.8    | 10.7     | 71.0   | 50.4   | 63.9      | 64.4       | 43.2      | 20.4    | 57.7          | 75.2        | 44.3        | 54.7      |
| ndicato                                                                                         |               |                                                                    | 2010 | 55.3           | 26.9              | 40.8  | 48.3  | 51.1         | 33.0    | 29.7    | 52.4             | 60.7      | 37.0      | 5.4    | 57.4              | 36.3        | 32.1    | 60.4      | 25.8    | 17.9     | 62.1   | 37.5   | 52.9      | 74.4       | 48.3      | 21.5    | 45.9          | 56.8        | 33.9        | 45.9      |
| lected i                                                                                        |               | Std II children<br>observed sitting<br>with one or more<br>classes | 2016 | 64.2           | 33.5              | 58.6  | 60.3  | 75.9         | 53.3    | 46.0    | 73.9             | 78.1      | 77.9      | 13.0   | 78.2              | 50.3        | 44.0    | 60.3      | 27.7    | 11.9     | 80.1   | 55.3   | 73.5      | 71.1       | 51.9      | 42.2    | 62.8          | 77.5        | 44.2        | 62.1      |
| other se                                                                                        |               |                                                                    | 2010 | 63.3           | 31.7              | 43.4  | 57.1  | 64.9         | 36.5    | 32.5    | 58.3             | 66.1      | 75.6      | 7.1    | 6.99              | 40.3        | 37.7    | 64.0      | 28.0    | 19.0     | 72.8   | 52.2   | 66.2      | 79.3       | 57.1      | 40.0    | 51.0          | 6.1.9       | 42.5        | 54.8      |
| pect to                                                                                         |               | Total enrollment<br>of 60<br>or less                               | 2016 | 36.1           | 40.7              | 44.7  | 0.5   | 41.0         | 12.3    | 15.3    | 80.8             | 19.7      | 25.7      | 20.7   | 31.7              | 25.9        | 58.1    | 6.69      | 57.3    | 52.9     | 30.8   | 33.2   | 19.5      | 36.7       | 26.5      | 24.6    | 12.4          | 75.2        | 22.0        | 28.0      |
| e<br>vith resp                                                                                  |               | Total e                                                            | 2010 | 31.5           | 33.9              | 40.9  | 0.2   | 16.1         | 4.6     | 6.5     | 48.6             | 7.7       | 17.8      | 19.9   | 10.4              | 16.7        | 35.3    | 71.0      | 39.8    | 45.8     | 21.4   | 17.2   | 13.0      | 24.4       | 17.2      | 9.4     | 4.6           | 0.69        | 10.1        | 17.3      |
| Table 9: Trends over time<br>Performance of schools with respect to other selected indicators b |               | State                                                              |      | Andhra Pradesh | Arunachal Pradesh | Assam | Bihar | Chhattisgarh | Gujarat | Haryana | Himachal Pradesh | Jharkhand | Karnataka | Kerala | Madhya Pradesh    | Maharashtra | Manipur | Meghalaya | Mizoram | Nagaland | Odisha | Punjab | Rajasthan | Tamil Nadu | Telangana | Tripura | Uttar Pradesh | Uttarakhand | West Bengal | All India |



# **INDIA** RURAL

# Enrollment and attendance in states



Andhra Pradesh was bifurcated into Telangana and Andhra Pradesh in 2014. As a result, the sample frames of Census 2001 and Census 2011 do not have the new state divisions. Of the 22 districts in undivided Andhra Pradesh, 9 rural districts are located in Due to security concerns, ASER 2016 was unable to reach 10 districts in Kashmir Valley and 3 districts in Jammu. Therefore, state level estimates are not available for Jammu and Kashmir for 2016. Telangana and the remaining 13 districts are located in Andhra Pradesh. ASER estimates for the two states are based on this separation of districts. Maps may not be accurate or to scale. These are mere representations.