

SCHOOL REPORT CARD: PHYSICAL EDUCATION

From the ANNUAL STATUS OF EDUCATION REPORT 2024

India RURAL

ANALYSIS BASED ON DATA FROM GOVERNMENT SCHOOLS. 605 DISTRICTS OUT OF 618 DISTRICTS

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. The first ASER was conducted in 2005 and repeated annually till 2014. In 2016, ASER shifted to a new cycle in which the 'basic' nationwide ASER, across all rural districts of the country, is conducted every alternate year. Since 2014, the 'basic' nationwide ASER has been conducted in 2016, 2018, 2022 and 2024. In addition, the ASER surveyors visit one government school, with the highest enrollment in primary sections, in each sampled village. Information about schools presented in ASER is based on these visits.

The ASER 2024 survey reached 605 districts, 17,997 villages, 352,028 households and 649,491 children. 15,728 schools were also visited in ASER 2024 and the survey was conducted by 25,557 volunteers from 641 partner organisations.

Samagra Shiksha, an overarching program for school education from pre-school to Std XII, was announced in the 2018 union budget. In 2019, Samagra Shiksha, for the first time, included a provision for an annual grant for sports equipment in schools. Under this grant, "every government school will receive a sports grant of Rs. 5,000 for primary schools, Rs. 10,000 for upper primary schools and up to Rs. 25,000 for secondary and senior secondary schools, to procure sports equipment for indoor and outdoor games." In the National Curriculum Framework, published in 2023, physical education is seen as an important curricular area and not just an extracurricular activity. It has its own set of learning standards, content, appropriate pedagogies, and assessments.

ASER data can be used to understand the provision of physical education infrastructure in government schools in rural India, at both the state and national levels. ASER 2024 includes information on whether dedicated time and teachers are available for physical education in government schools. ASER also records availability of basic infrastructure for physical education, like playgrounds and sports equipment.



Number of schools visited 2018, 2022 and 2024

| | 2018 | 2022 | 2024 |
|---|-------|-------|-------|
| Primary schools (Std I to IV/V) | 9180 | 9622 | 8504 |
| Upper primary schools (Std I to VII/VIII) | 6818 | 7425 | 7224 |
| Total schools visited | 15998 | 17047 | 15728 |

% School with physical education (PE) facilities. All schools 2018, 2022, 2024

| % Schools with | All schools | | | |
|---|-------------------|------|------|------|
| | 2018 | 2022 | 2024 | |
| Weekly time allotted for physical education for every class | | 76.6 | 85.0 | |
| Physical education teacher | Separate teacher | 16.5 | 16.1 | 16.5 |
| | Any other teacher | 56.0 | 54.9 | 59.6 |
| | No teacher | 27.5 | 29.0 | 23.9 |
| | Total | 100 | 100 | 100 |
| Playground in the school | 66.5 | 68.9 | 69.0 | |
| Sports equipment available | 62.5 | 81.5 | 82.4 | |

% School with physical education (PE) facilities. Primary schools (Std I to IV/V) 2018, 2022, 2024

| % Schools with | Primary schools | | | |
|---|-------------------|------|------|------|
| | 2018 | 2022 | 2024 | |
| Weekly time allotted for physical education for every class | | 74.6 | 83.0 | |
| Physical education teacher | Separate teacher | 5.8 | 4.3 | 4.8 |
| | Any other teacher | 63.0 | 62.2 | 66.4 |
| | No teacher | 31.2 | 33.4 | 28.8 |
| | Total | 100 | 100 | 100 |
| Playground in the school | 64.2 | 66.7 | 66.2 | |
| Sports equipment available | 55.8 | 80.6 | 81.6 | |

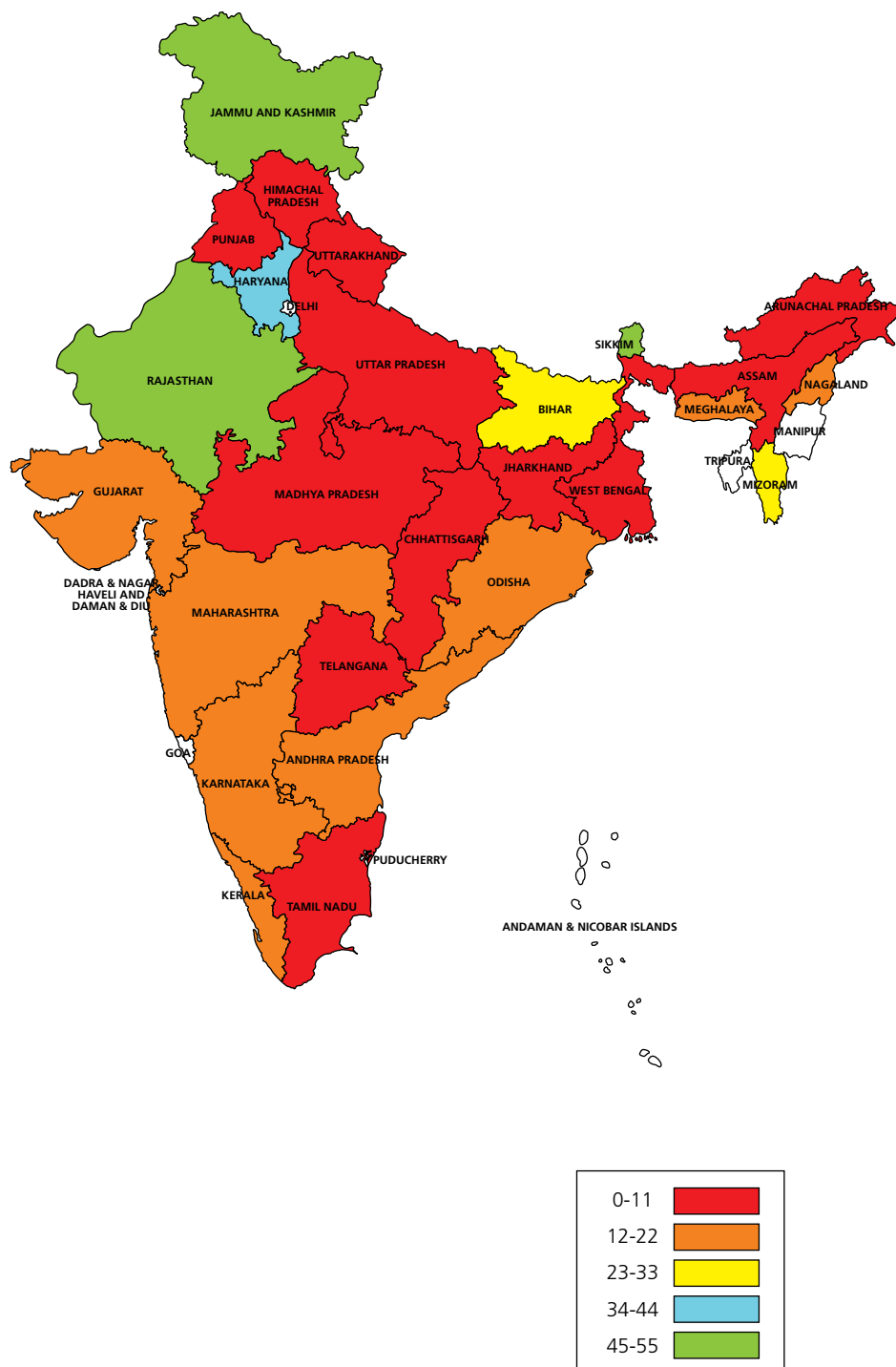
% School with physical education (PE) facilities. Upper primary schools (Std I to VII/VIII) 2018, 2022, 2024

| % Schools with | Upper primary schools | | | |
|---|-----------------------|------|------|------|
| | 2018 | 2022 | 2024 | |
| Weekly time allotted for physical education for every class | | 79.2 | 87.4 | |
| Physical education teacher | Separate teacher | 30.8 | 31.3 | 30.2 |
| | Any other teacher | 46.6 | 45.5 | 51.7 |
| | No teacher | 22.6 | 23.2 | 18.1 |
| | Total | 100 | 100 | 100 |
| Playground in the school | 69.6 | 71.8 | 72.2 | |
| Sports equipment available | 71.5 | 82.7 | 83.3 | |

¹<https://samagra.education.gov.in/sports.html>

²<https://samagra.education.gov.in/docs/Sports%20Guidelines.pdf>

State-wise map showing % schools with separate PE teacher 2024



State-wise table showing % schools with separate PE teacher 2018, 2022, 2024

| State | 2018 | 2022 | 2024 |
|-------------------|-------------|-------------|-------------|
| Andhra Pradesh | 3.5 | 13.2 | 17.0 |
| Arunachal Pradesh | 16.2 | 16.6 | 11.4 |
| Assam | 3.8 | 2.3 | 5.5 |
| Bihar | 37.6 | 36.9 | 29.5 |
| Chhattisgarh | 8.5 | 2.3 | 2.3 |
| Gujarat | 29.7 | 45.7 | 19.9 |
| Haryana | 29.2 | 23.7 | 33.7 |
| Himachal Pradesh | 2.8 | 1.2 | 0.4 |
| Jammu & Kashmir | 23.4 | 46.5 | 44.5 |
| Jharkhand | 4.4 | 4.6 | 10.5 |
| Karnataka | 36.0 | 30.4 | 21.5 |
| Kerala | 38.6 | 23.2 | 18.4 |
| Madhya Pradesh | 7.0 | 6.1 | 6.5 |
| Maharashtra | 11.8 | 8.8 | 15.3 |
| Meghalaya | 6.8 | 10.8 | 12.4 |
| Mizoram | 15.1 | 32.7 | 27.4 |
| Nagaland | 13.7 | 12.8 | 12.2 |
| Odisha | 16.3 | 15.8 | 17.2 |
| Punjab | 5.6 | 4.7 | 4.4 |
| Rajasthan | 51.5 | 42.9 | 51.7 |
| Sikkim | 26.2 | 37.2 | 53.0 |
| Tamil Nadu | 6.4 | 5.4 | 7.1 |
| Telangana | 10.9 | 11.8 | 7.3 |
| Uttar Pradesh | 7.1 | 11.1 | 11.0 |
| Uttarakhand | 7.5 | 5.7 | 3.8 |
| West Bengal | 2.8 | 2.3 | 3.0 |
| All India | 16.5 | 16.1 | 16.5 |

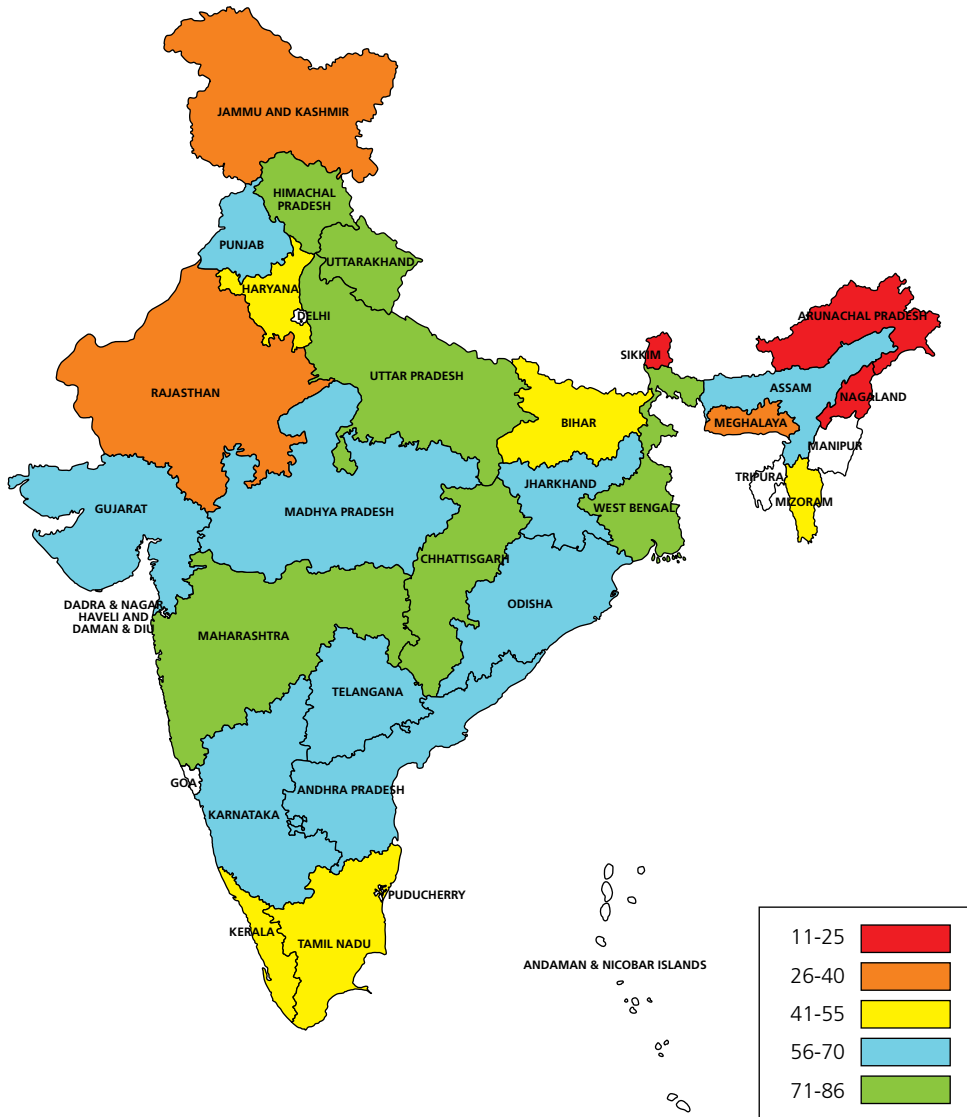
1. Andhra Pradesh was bifurcated into Telangana and Andhra Pradesh in 2014. As a result, the sample frames of Census 2011 do not have the new state divisions. Of the 22 districts in undivided Andhra Pradesh, 9 rural districts are located in Telangana and the remaining 13 districts are located in Andhra Pradesh. ASER estimates for the two states are based on this separation of districts.

2. Estimates for the Union Territories of Ladakh and Jammu and Kashmir have been presented in a combined form for comparability with ASER estimates of previous years.

3. ASER 2024 was not conducted in Goa and Manipur.

4. Map may not be accurate or to scale. This is a mere representation.

State-wise map showing % schools with any other teacher as PE teacher 2024



State-wise table showing % schools with any other teacher as PE teacher 2018, 2022, 2024

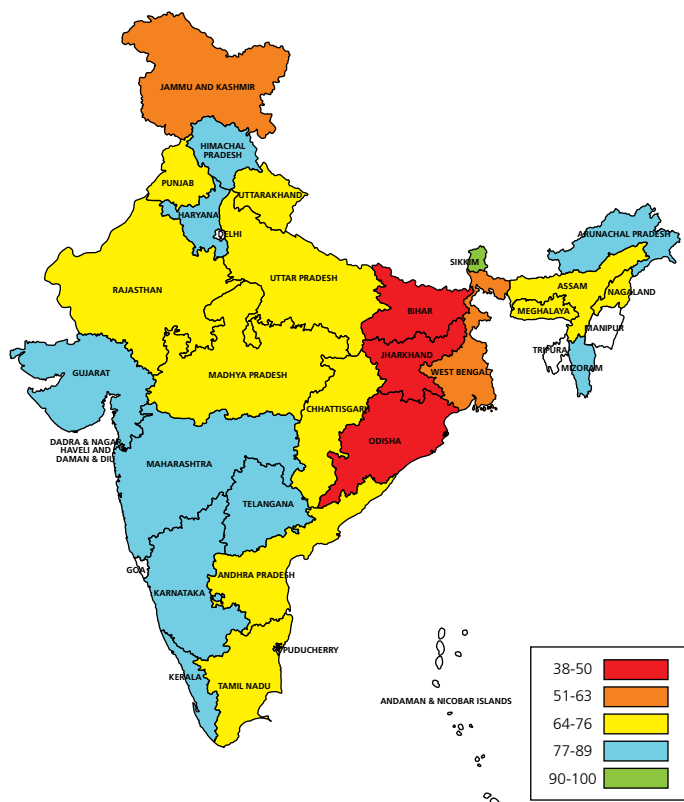
| State | 2018 | 2022 | 2024 |
|-------------------|-------------|-------------|-------------|
| Andhra Pradesh | 70.3 | 53.6 | 59.7 |
| Arunachal Pradesh | 12.2 | 14.4 | 23.3 |
| Assam | 62.2 | 51.4 | 59.4 |
| Bihar | 35.4 | 38.1 | 49.3 |
| Chhattisgarh | 73.4 | 76.1 | 76.1 |
| Gujarat | 56.0 | 43.1 | 65.2 |
| Haryana | 50.8 | 42.3 | 46.6 |
| Himachal Pradesh | 74.2 | 65.6 | 85.3 |
| Jammu & Kashmir | 30.1 | 30.1 | 37.8 |
| Jharkhand | 63.0 | 58.7 | 64.6 |
| Karnataka | 47.5 | 46.9 | 58.2 |
| Kerala | 40.4 | 40.6 | 41.8 |
| Madhya Pradesh | 58.7 | 51.4 | 59.0 |
| Maharashtra | 82.8 | 82.9 | 79.8 |
| Meghalaya | 15.8 | 25.2 | 38.0 |
| Mizoram | 47.3 | 35.1 | 42.9 |
| Nagaland | 6.1 | 17.5 | 14.4 |
| Odisha | 58.6 | 58.8 | 68.9 |
| Punjab | 61.0 | 58.4 | 56.8 |
| Rajasthan | 26.0 | 39.0 | 34.5 |
| Sikkim | 45.8 | 33.0 | 25.0 |
| Tamil Nadu | 64.5 | 47.4 | 45.1 |
| Telangana | 49.2 | 52.2 | 66.1 |
| Uttar Pradesh | 71.7 | 71.7 | 73.9 |
| Uttarakhand | 70.4 | 79.6 | 80.9 |
| West Bengal | 70.9 | 71.9 | 74.2 |
| All India | 56.0 | 54.9 | 59.6 |

In each sampled school, there could be a physical education teacher appointed specifically to teach physical education, or if a dedicated teacher is not available another subject teacher could be conducting the physical education class, or the school could have no teacher for physical education. For each state, these three categories are mutually exclusive and add up to 100%. In order to understand the state-wise proportion of schools with no physical education teachers, the sum of the proportions of separate teacher or any other teacher can be subtracted from 100. For e.g., in 2024, at the national level, 16.5% schools had a separate physical education teacher, and in 59.6% schools another teacher was taking the physical education class. Therefore, 23.9% (=100-16.5-59.6) schools reported having no teacher for physical education.

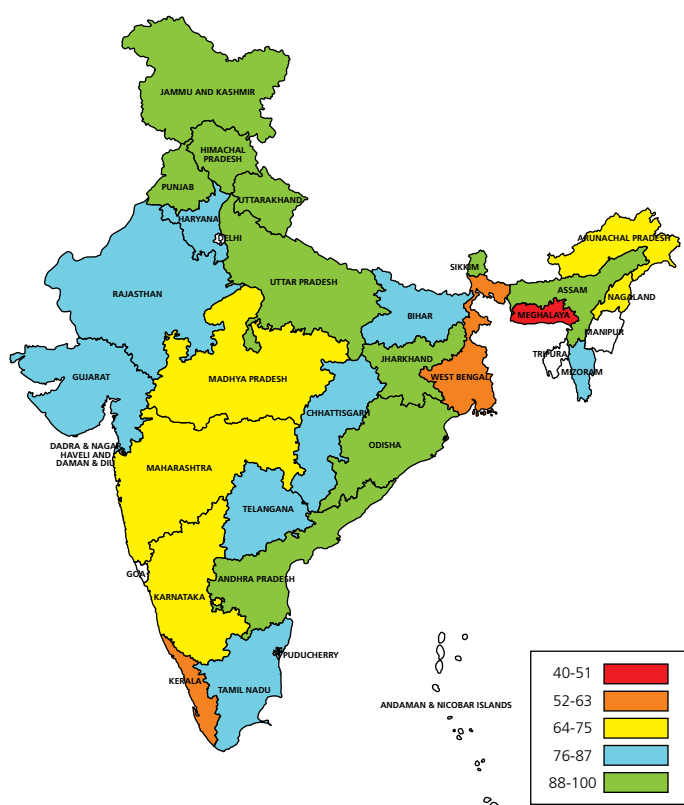
The proportion of schools with no PE teachers has declined between 2018 to 2024. However, almost 1 in 4 schools still did not have a PE teacher in 2024.

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2. Estimates for the Union Territories of Ladakh and Jammu and Kashmir have been presented in a combined form for comparability with ASER estimates of previous years.
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State-wise map showing % schools with playground 2024



State-wise map showing % schools with sports equipment 2024



State-wise table showing % schools with playground and sports equipment 2018, 2022, 2024

| State | Playground | | | Sports equipment | | |
|-------------------|-------------|-------------|-------------|------------------|-------------|-------------|
| | 2018 | 2022 | 2024 | 2018 | 2022 | 2024 |
| Andhra Pradesh | 61.8 | 64.2 | 71.7 | 80.7 | 77.8 | 88.4 |
| Arunachal Pradesh | 54.4 | 76.4 | 81.3 | 28.9 | 56.7 | 63.5 |
| Assam | 61.0 | 61.9 | 65.8 | 50.1 | 86.6 | 93.8 |
| Bihar | 51.1 | 54.7 | 47.9 | 54.5 | 65.4 | 78.0 |
| Chhattisgarh | 68.8 | 71.7 | 69.9 | 49.6 | 90.4 | 85.4 |
| Gujarat | 82.5 | 75.8 | 80.3 | 81.0 | 86.1 | 83.8 |
| Haryana | 83.6 | 84.1 | 84.0 | 61.2 | 82.7 | 82.2 |
| Himachal Pradesh | 81.8 | 82.8 | 84.2 | 69.9 | 95.4 | 92.9 |
| Jammu & Kashmir | 55.8 | 59.5 | 59.3 | 76.2 | 88.7 | 90.6 |
| Jharkhand | 39.1 | 43.3 | 44.7 | 67.5 | 79.6 | 88.6 |
| Karnataka | 78.9 | 78.4 | 78.3 | 72.5 | 73.0 | 67.8 |
| Kerala | 69.0 | 74.9 | 81.7 | 65.9 | 71.0 | 62.5 |
| Madhya Pradesh | 69.2 | 74.2 | 75.0 | 57.4 | 81.7 | 69.7 |
| Maharashtra | 86.7 | 85.6 | 80.3 | 74.2 | 78.6 | 73.6 |
| Meghalaya | 54.7 | 58.1 | 69.7 | 19.7 | 41.9 | 42.6 |
| Mizoram | 65.5 | 77.6 | 83.2 | 75.0 | 73.2 | 82.5 |
| Nagaland | 52.3 | 53.8 | 66.1 | 42.9 | 59.4 | 70.2 |
| Odisha | 31.6 | 32.3 | 39.4 | 70.6 | 86.1 | 91.6 |
| Punjab | 72.0 | 75.9 | 74.8 | 58.4 | 92.0 | 89.3 |
| Rajasthan | 70.2 | 77.8 | 76.3 | 65.4 | 88.1 | 86.9 |
| Sikkim | 88.0 | 87.2 | 97.0 | 79.4 | 91.5 | 92.1 |
| Tamil Nadu | 72.6 | 69.8 | 67.3 | 73.5 | 76.6 | 78.5 |
| Telangana | 77.0 | 78.1 | 83.7 | 59.1 | 48.6 | 82.4 |
| Uttar Pradesh | 71.3 | 72.6 | 71.1 | 57.1 | 95.8 | 96.7 |
| Uttarakhand | 68.8 | 73.0 | 75.0 | 50.5 | 91.0 | 90.4 |
| West Bengal | 52.6 | 57.8 | 60.0 | 54.3 | 57.7 | 61.3 |
| All India | 66.5 | 68.9 | 69.0 | 62.5 | 81.5 | 82.4 |

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