



PERFORMANCE GRADING INDEX (PGI)

2017 - 18
STATES & UTs



CATALYSING TRANSFORMATIONAL CHANGE IN SCHOOL EDUCATION

Performance Grading Index

Explanatory Note

Weight: Each of the 70 indicators is assigned a weight of either 10 or 20 points.

Score: Score is the data uploaded by the State/UT on SHAGUN portal or as available in UDISE or NAS portals for each of the 70 indicators

Grade: Scores against each indicator have been divided into 10 groups as below:

| Scores | Grade | |
|------------------|---------------------------|---------------------------|
| | Where the weight is 10 | Where the weight is 20 |
| Between 1 – 10 | 1 | 2 |
| Between 11 – 20 | 2 | 4 |
| Between 21 – 30 | 3 | 6 |
| Between 31 – 40 | 4 | 8 |
| Between 41 – 50 | 5 | 10 |
| Between 51 – 60 | 6 | 12 |
| Between 61 – 70 | 7 | 14 |
| Between 71 – 80 | 8 | 16 |
| Between 81 – 90 | 9 | 18 |
| Between 91 – 100 | 10 | 20 |

E.g. a State/UT, whose score against an indicator is 91% of the benchmark of the indicator or above, will be placed in grade 10 or 20 whichever is applicable for that indicator. However, it should be noted that in the case of a few indicators where a lower score is considered desirable such as single teacher schools, a higher grade will be assigned to the lower score i.e. a score of 91% in such cases will be given the lowest grade.

Gap: Gap is the difference between the Weight (col.5) and the Grade (col. 8) achieved by the State/UT.

| Performance Grading Index - Andhra Pradesh | | | | | | | | | |
|---|---------------|---|-------------|------------|---|-------|-------|------------|-----------|
| Sl. No. | Indicator No. | Indicator | Data Source | Weight | Benchmark | Score | Grade | Gap | Comments |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Category 1: Outcomes | | | | | | | | | |
| Domain 1 – Learning Outcomes and Quality | | | | | | | | | |
| 1 | 1.1.1 | % of Elementary schools which have displayed class wise Learning Outcomes | Shagun | 20 | 100% of Govt. and aided elementary schools. | 97.73 | 20 | 0 | |
| 2 | 1.1.2 | Average Language score in Class 3 - Govt and aided schools | NAS | 20 | The latest round of NAS for classes 3, 5 and 8 tested the LOs of the students. The report cards give the percentage of students assessed who answered correctly. The benchmark will be 75% of all students who answered correctly i.e. States and UTs obtaining this score will get full weightage points. | 79 | 20 | 0 | |
| 3 | 1.1.3 | Average Mathematics score in Class 3 - Govt and aided schools | NAS | 20 | | 74 | 20 | 0 | |
| 4 | 1.1.4 | Average Language score in Class 5 - Govt and aided schools | NAS | 20 | | 67 | 18 | 2 | |
| 5 | 1.1.5 | Average Mathematics score in Class 5 - Govt and aided schools | NAS | 20 | | 64 | 18 | 2 | |
| 6 | 1.1.6 | Average Language score in Class 8 - Govt and aided schools | NAS | 20 | | 58 | 16 | 4 | |
| 7 | 1.1.7 | Average Mathematics score in Class 8 - Govt and aided schools | NAS | 20 | | 50 | 14 | 6 | |
| 8 | 1.1.8 | Average Science score in Class 8 - Govt and aided schools | NAS | 20 | | 48 | 14 | 6 | |
| 9 | 1.1.9 | Average Social Science score in Class 8- Govt and aided schools | NAS | 20 | | 49 | 14 | 6 | |
| | | Domain 1 - Learning Outcomes: Total Domain Weight | | 180 | | | | 154 | 26 |
| Category 1: Outcomes | | | | | | | | | |
| Domain 2 – Access | | | | | | | | | |
| 10 | 1.2.1 | Adjusted Net Enrolment Ratio (NER) at elementary level as per entry age of the State/UT | UDISE | 10 | 100% of All Schools | 80.48 | 9 | 1 | |
| 11 | 1.2.2 | Adjusted Net Enrolment Ratio (NER) at secondary level as per entry age of the State/UT | UDISE | 10 | 100% of All Schools | 46.51 | 5 | 5 | |
| 12 | 1.2.3 | Retention rate at primary level | UDISE | 10 | 100% of All Schools | 85.71 | 9 | 1 | |
| 13 | 1.2.4 | Retention rate at elementary level | UDISE | 10 | 100% of All Schools | 84.48 | 9 | 1 | |
| 14 | 1.2.5 | Retention rate at secondary level | UDISE | 10 | 100% of All Schools | 76.87 | 8 | 2 | |
| 15 | 1.2.6 | Transition rate from primary to upper-primary level | UDISE | 10 | 100% of All Schools | 97.21 | 10 | 0 | |

| Sl. No. | Indicator No. | Indicator | Data Source | Weight | Benchmark | Score | Grade | Gap | Comments |
|---|---------------|---|-------------|-----------|--|-------|-----------|-----------|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 16 | 1.2.7 | Transition rate from upper-primary to secondary level | UDISE | 10 | 100% of All Schools | 97.81 | 10 | 0 | |
| 17 | 1.2.8 | Percentage of identified Out-of-school-children mainstreamed in last completed academic year (Class 1 to 8) | Shagun | 10 | 100% of the target given in the PAB of SSA 2017-18 - Govt. Schools | 95.45 | 10 | 0 | |
| | | Domain 2 - Access: Total Domain Weight | | 80 | | | 70 | 10 | |
| Category 1: Outcomes | | | | | | | | | |
| Domain 3 – Infrastructure & Facilities | | | | | | | | | |
| 18 | 1.3.1 | Percentage of schools having CAL in Upper Primary Level | UDISE | 20 | 100% of Govt. upper primary schools. | 14.41 | 4 | 16 | |
| | | Percentage of secondary schools having lab facility | | | | | | | |
| 19 | 1.3.2 | a) Integrated Science Lab | UDISE | 10 | 100% of Govt. secondary schools | 21.5 | 3 | 7 | |
| 20 | 1.3.3 | b) Computer lab | UDISE | 10 | | 50.7 | 6 | 4 | |
| 21 | 1.3.4 | % of schools having Book Banks/Reading Rooms/Libraries | UDISE | 20 | 100% of all schools | 95.75 | 20 | 0 | |
| 22 | 1.3.5 | % of schools covered by vocational education subject | | | 25% of composite Govt. secondary and higher secondary schools | | | | |
| | | a) Classes 9 & 10 | UDISE | 10 | | 0 | 0 | 10 | |
| | | b) Classes 11 & 12 | UDISE | 10 | | 0 | 0 | 10 | |
| 23 | 1.3.6 | % of primary schools provided graded supplementary material | Shagun | 20 | 100% of Govt. primary schools | 85.56 | 18 | 2 | |

| Sl. No. | Indicator No. | Indicator | Data Source | Weight | Benchmark | Score | Grade | Gap | Comments |
|-----------------------------|---------------|--|-------------|------------|--|-------|-----------|-----------|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 24 | 1.3.7 | % of elementary school children taking mid-day meal against target approved in PAB - Govt and aided schools | MDM | 10 | 100% of MDM PAB target 2017-18 | 94.12 | 10 | 0 | |
| 25 | 1.3.8 | % of days midday meal served against total working days - Govt and aided elementary schools | MDM | 10 | 100% of 200 days at Primary level and 220 days at Upper Primary level, as per RTE Act | 100 | 10 | 0 | |
| 26 | 1.3.9 | Percentage of schools having functional drinking water facility - All School | UDISE | 10 | 100 % of all schools | 80.54 | 9 | 1 | |
| 27 | 1.3.10 | Percentage of Elementary Level students getting Uniform within three months of start of academic year - Govt. Schools | UDISE | 10 | 100% of all students in Govt. elementary schools. | 100 | 10 | 0 | |
| 28 | 1.3.11 | Percentage of Elementary Level students getting Free Textbook within one month of start of academic year - Govt. Schools | UDISE | 10 | 100% of all students in Govt. and Govt. aided elementary schools. | 85.8 | 9 | 1 | |
| | | Domain 3 - Infrastructure & Facilities: Total Domain Weight | | 150 | | | 99 | 51 | |
| Category 1: Outcomes | | | | | | | | | |
| Domain 4 – Equity | | | | | | | | | |
| 29 | 1.4.1 | Difference in student performance in Language between Scheduled Castes (SC) and General category in Govt. and Aided elementary schools | | | Since there should be zero difference between SC/ST students and General Category students, maximum weightage points will be given to a score of 0 under these indicators. (0 value to be given 100 marks). Absolute value of the difference will be taken. Lower the difference better is the grade. Average performance of the three classes (3, 5 & 8) will be taken. | | | | |
| | 1.4.1.a | Class 3 | NAS | 6 | | 0 | 6 | 0 | |
| | 1.4.1.b | Class 5 | NAS | 6 | | 4 | 6 | 0 | |
| | 1.4.1.c | Class 8 | NAS | 8 | | 5 | 8 | 0 | |
| 30 | 1.4.2 | Difference in student performance in Mathematics between Scheduled Castes (SC) and General category in Govt. and Aided elementary schools | | | | | | | |
| | 1.4.2.a | Class 3 | NAS | 6 | | 1 | 6 | 0 | |
| | 1.4.2.b | Class 5 | NAS | 6 | | 6 | 6 | 0 | |
| | 1.4.2.c | Class 8 | NAS | 8 | | 3 | 8 | 0 | |

| Sl. No. | Indicator No. | Indicator | Data Source | Weight | Benchmark | Score | Grade | Gap | Comments |
|---------|---------------|---|-------------|--------|---|-------|-------|-----|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 31 | 1.4.3 | Difference in student performance in Language between Scheduled Tribes (ST) and General category in Govt. and Aided elementary schools | | | | | | | |
| | 1.4.3.a | Class 3 | NAS | 6 | | 4 | 6 | 0 | |
| | 1.4.3.b | Class 5 | NAS | 6 | | 8 | 6 | 0 | |
| | 1.4.3.c | Class 8 | NAS | 8 | | 7 | 8 | 0 | |
| 32 | 1.4.4 | Difference in student performance in Mathematics between Scheduled Tribes (ST) and General category in Govt. and Aided elementary schools | | | | | | | |
| | 1.4.4.a | Class 3 | NAS | 6 | | 5 | 6 | 0 | |
| | 1.4.4.b | Class 5 | NAS | 6 | | 11 | 5 | 1 | |
| | 1.4.4.c | Class 8 | NAS | 8 | | 6 | 8 | 0 | |
| 33 | 1.4.5 | Difference in student performance in Language between Urban and Rural areas in Govt. and Aided elementary schools | | | | | | | |
| | 1.4.5.a | Class 3 | NAS | 3 | Difference in % of urban students answering correctly and % of rural students answering correctly is measured here (Rural - Urban) and the target is set as greater than or equal to 0. | 3 | 3 | 0 | |
| | 1.4.5.b | Class 5 | NAS | 3 | | 3 | 3 | 0 | |
| | 1.4.5.c | Class 8 | NAS | 4 | | 2 | 4 | 0 | |
| 34 | 1.4.6 | Difference in student performance in Mathematics between Urban and Rural areas in Govt. and Aided elementary schools | | | | | | | |
| | 1.4.6.a | Class 3 | NAS | 3 | Absolute value of the difference will be taken Zero is the best value | 3 | 3 | 0 | |
| | 1.4.6.b | Class 5 | NAS | 3 | | 2 | 3 | 0 | |
| | 1.4.6.c | Class 8 | NAS | 4 | | 5 | 4 | 0 | |
| 35 | 1.4.7 | Difference in student performance in Language between Boys and Girls in Govt. and Aided elementary schools | | | | | | | |
| | 1.4.7.a | Class 3 | NAS | 3 | Difference in % of boys answering correctly and % of girls answering correctly can be measured here (girls - boys) and the target may be set as greater than or equal to 0. | 1 | 3 | 0 | |
| | 1.4.7.b | Class 5 | NAS | 3 | | 1 | 3 | 0 | |
| | 1.4.7.c | Class 8 | NAS | 4 | | 1 | 4 | 0 | |

| Sl. No. | Indicator No. | Indicator | Data Source | Weight | Benchmark | Score | Grade | Gap | Comments |
|---------|---------------|--|-------------|------------|---|-------|------------|------------|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 36 | 1.4.8 | Difference in student performance in Mathematics between Boys and Girls in Govt. and Aided elementary schools | | | Absolute value of the difference will be taken Zero is the best value | | | | |
| | 1.4.8.a | Class 3 | NAS | 3 | | 1 | 3 | 0 | |
| | 1.4.8.b | Class 5 | NAS | 3 | | 0 | 3 | 0 | |
| | 1.4.8.c | Class 8 | NAS | 4 | | 0 | 4 | 0 | |
| 37 | 1.4.9 | Difference of Upper Primary to Secondary level | | | | | | | |
| | 1.4.9.a | a) Difference between SCs and General Category's Transition Rate from Upper Primary to Secondary level | UDISE | 10 | 0 in All Schools (There should be zero difference) | 2.34 | 10 | 0 | |
| | 1.4.9.b | b) Difference between STs and General Category's Transition Rate from Upper Primary to Secondary level | UDISE | 10 | 0 in All Schools (There should be zero difference) | 10.21 | 9 | 1 | |
| 38 | 1.4.10 | Difference between boys and girls Transition Rate from Upper Primary to Secondary level | UDISE | 10 | 0 in All Schools (There should be zero difference) | 0.54 | 10 | 0 | |
| 39 | 1.4.11 | Difference between Minorities and General Category's Transition Rate from Upper Primary to Secondary level | UDISE | 20 | 0 in All Schools (There should be zero difference) | 2.56 | 20 | 0 | |
| 40 | 1.4.12 | Gross enrolment ratio of CWSN (age group 6-18 years) | UDISE | 10 | 100% of CWSN children in that age group in all schools | 49.61 | 5 | 5 | |
| 41 | 1.4.13 | % of entitled CWSN receiving Aids and Appliances for Govt and aided schools | Shagun | 10 | 100% of target in PAB SSA and PAB RMSA 2017-18. | 0 | 0 | 10 | |
| 42 | 1.4.14 | Percentage of schools having ramp for disabled children to access school building | UDISE | 10 | 100% of all schools | 24.54 | 3 | 7 | |
| 43 | 1.4.15 | Percentage of schools having functional CWSN friendly toilets | UDISE | 10 | 100% of all schools | 7.86 | 1 | 9 | |
| 44 | 1.4.16 | Percentage of schools having functional toilet | | | | | | | |
| | 1.4.16.a | a) Percentage of schools having functional boys toilet | UDISE | 10 | 100 % of all schools | 75.45 | 8 | 2 | |
| | 1.4.16.b | b) Percentage of schools having functional girls toilet | UDISE | 10 | 100 % of all schools | 89.81 | 9 | 1 | |
| | | Domain 4 -Equity: Total Domain Weight | | 230 | | | 194 | 36 | |
| | | TOTAL CATEGORY 1 WEIGHT | | 640 | | | 517 | 123 | |

| Sl. No. | Indicator No. | Indicator | Data Source | Weight | Benchmark | Score | Grade | Gap | Comments | |
|---|---------------|---|-------------|--------|---|--------|-------|-----|----------|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| Category 2 : Governance & Management | | | | | | | | | | |
| Domain 1 – Governance Processes | | | | | | | | | | |
| 45 | 2.1.1 | % of Children whose Unique ID is seeded in SD MIS | UDISE | 10 | 100% of all students in all schools aged 6 to 18 years. | 100 | 10 | 0 | | |
| 46 | 2.1.2 | % of Teachers whose Unique ID is seeded in any electronic database of the State Government/UT Administration | Shagun | 10 | 100% of all teachers in all schools | 100 | 10 | 0 | | |
| 47 | 2.1.3 | % of average daily attendance of students captured digitally (States and Uts may set digital mechanism similar to AMS of MDM) | Shagun | 10 | 75% of all students in all Govt. and Govt. Aided Schools | 89.931 | 10 | 0 | | |
| 48 | 2.1.4 | % of average daily attendance of teachers recorded in an electronic attendance system | Shagun | 10 | 80% of all teachers in all govt. and govt. aided schools | 85.345 | 10 | 0 | | |
| 49 | 2.1.5 | % of Schools at Elementary level Covered Under Twinning/ Partnership | Shagun | 10 | 50% of all schools | 8.13 | 2 | 8 | | |
| 50 | 2.1.6 | % of Schools at Elementary level displaying photo of elementary teachers for Govt and aided schools - Govt. and aided schools | Shagun | 10 | 100% of all elementary Govt. and aided schools. | 32.73 | 4 | 6 | | |
| 51 | 2.1.7 | % of single teacher primary schools | UDISE | 10 | There should be no single teacher school at primary level, therefore bench mark to be set as zero (0) | 22.74 | 8 | 2 | | |
| 52 | 2.1.8 | % of elementary schools having PTR as per RTE norm | UDISE | 10 | 100% of all schools at primary level | 78.07 | 8 | 2 | | |
| 53 | 2.1.9 | % of primary and upper primary schools meeting head-teacher norms as per RTE | UDISE | 10 | 100% of all schools | 0 | 0 | 10 | | |
| 54 | 2.1.10 | % of secondary schools having principals/ head masters in position | UDISE | 20 | 100% of all schools | 0 | 0 | 20 | | |
| 55 | 2.1.11 | Teacher Availability | | | | | | 0 | | |
| | 2.1.11.a | % Upper Primary schools meeting norms of subject-teacher as per RTE | UDISE | 10 | 100% of all schools | 66.5 | 7 | 3 | | |
| | 2.1.11.b | % Secondary Schools who have teachers for all core subjects | UDISE | 20 | 100% of all schools | 57.03 | 12 | 8 | | |
| 56 | 2.1.12 | % of academic positions filled in state and district academic institutions at the beginning of the given academic year | | | | | | | | |
| | 2.1.12.a | a) SCERT/SIE | Shagun | 5 | 100% of all academic posts sanctioned by the State Government/UT Admn. | 11.43 | 1 | 4 | | |
| | 2.1.12.b | b) DIETs | Shagun | 5 | | 19.41 | 1 | 4 | | |

| Sl. No. | Indicator No. | Indicator | Data Source | Weight | Benchmark | Score | Grade | Gap | Comments |
|---------|---------------|--|-------------|--------|---|-------|-------|-----|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 57 | 2.1.13 | Average occupancy (in months) of District Education Officer (or equivalent) & Block Education Officer (or equivalent) in last 03 years for all Districts | Shagun | 10 | 36 months | 7 | 2 | 8 | |
| 58 | 2.1.14 | Average occupancy (in months) of Principal Secretary (Education), SPD (SSA) & SPD(RMSA) for last 03 years | Shagun | 10 | 36 months | 9 | 3 | 7 | |
| 59 | 2.1.15 | Details of visits to the elementary schools during the previous academic year: | | | 100% of all such posts sanctioned by the State Government/UT Admn. | | | | |
| | 2.1.15.a | (a) % of schools visited at least 3 times for academic inspections | UDISE | 4 | | 2.2 | 0 | 4 | |
| | 2.1.15.b | (b) % of schools visited at least 3 times by CRC Co-ordinator | UDISE | 3 | | 44.89 | 2 | 1 | |
| | 2.1.15.c | (c) % of schools visited at least 3 times by Block level officer (BRC/BEO) | UDISE | 3 | | 35.01 | 1 | 2 | |
| 60 | 2.1.16 | Average number of days taken | | | | | | | |
| | 2.1.16.a | a)Average number of days taken by State govt. to release total Central share of funds to societies (during the given financial year) | Shagun | 10 | Within 15 days of receipt of central share of funds by the State/UT | 45 | 8 | 2 | |
| | 2.1.16.b | b) Average number of days taken by State govt. to release total State share due to State societies (during the given financial year) | Shagun | 10 | Within 30 days of receipt of central share of funds by the State. In case of Uts without legislature, entire 20 weightage points will be assigned to part (a). | 45 | 9 | 1 | |
| 61 | 2.1.17 | % of teachers evaluated (during the given year) | Shagun | 10 | 100% of teachers in Govt. and aided schools. | 100 | 10 | 0 | |
| 62 | 2.1.18 | % of govt. head-teachers/principals who have completed School Leadership (SL) training in the given financial year | Shagun | 20 | 100% of the target in PAB of SSA and PAB of RMSA 2017-18 | 100 | 20 | 0 | |
| 63 | 2.1.19 | % of schools that have completed self-evaluation and made school improvement plans in the given financial year | Shagun | 10 | 100% of all Govt. and aided schools. | 100 | 10 | 0 | |
| 64 | 2.1.20 | % of teachers provided with sanctioned number of days of training in the given financial year - Govt. and aided | Shagun | 20 | 100% of the target in PAB of SSA and PAB of RMSA 2017-18 | 100 | 20 | 0 | |
| 65 | 2.1.21 | Number of new teachers recruited through a transparent online recruitment system as a % of total number of new teachers recruited (in the given year). | Shagun | 20 | 100% of all newly recruited teachers in Govt. schools | 0 | 0 | 20 | |

| Sl. No. | Indicator No. | Indicator | Data Source | Weight | Benchmark | Score | Grade | Gap | Comments |
|---------|---------------|--|-------------|-------------|--|-------|------------|------------|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 66 | 2.1.22 | Number of teachers transferred through a transparent online system as a % of total number of teachers transferred | Shagun | 20 | 100% of all eligible teachers in Govt. schools | 100 | 20 | 0 | |
| 67 | 2.1.23 | Number of head-teachers/principals recruited through a merit-based selection system as a % of total number of head-teachers/principals recruited (in the given year) | Shagun | 20 | 50% of all head-teachers/principals recruited in Govt. schools | 0 | 0 | 20 | |
| 68 | 2.1.24 | % State budget share spent on education to total state budget | Shagun | 20 | At least 20% | 11.77 | 12 | 8 | |
| 69 | 2.1.25 | Funds (including value of goods and services in kind) arranged through PPP, CSR as a percentage of State budget on schools education | Shagun | 10 | At least 1% | 0.04 | 1 | 9 | |
| 70 | 2.1.26 | Percentage of each of the following registered under PFMS : | | | Weightage points will be average of all three | | | | |
| | 2.1.26.a | a) Schools | Shagun | 4 | 100 | 98.02 | 4 | 0 | |
| | 2.1.26.b | b) SCERT (Note: Every State/UT which does not have an SCERT should have an equivalent which should be considered here) | Shagun | 3 | 100 | 100 | 3 | 0 | |
| | 2.1.26.c | c) DIETs | Shagun | 3 | 100 | 100 | 3 | 0 | |
| | | TOTAL CATEGORY 2 WEIGHT | | 360 | | | 211 | 149 | |
| | | | | | | | | | |
| | | Total Weight | | 1000 | | | 728 | 272 | |