## Household Survey Major Findings



## India rural

Analysis based on data from households. 581 out of 619 districts
Data is not presented where sample size is insufficient.

## Clear shift in enrollment from private to government schools

Table 1: \% Children enrolled in school. By age group, sex and school type. 2018, 2020 and 2021*

| Age group and sex | ASER 2018 |  |  |  |  | ASER 2020 |  |  |  |  | ASER 2021 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Govt | Pvt | Other | Not enrolled | Total | Govt | Pvt | Other | Not enrolled | Total | Govt | Pvt | Other | Not enrolled | Total |
| Age 6-14: All | 64.3 | 32.5 | 0.7 | 2.5 | 100 | 65.8 | 28.8 | 0.8 | 4.6 | 100 | 70.3 | 24.4 | 0.7 | 4.6 | 100 |
| Age 7-16: All | 63.1 | 32.3 | 0.7 | 3.9 | 100 | 65.5 | 28.6 | 0.7 | 5.2 | 100 | 69.9 | 24.7 | 0.7 | 4.7 | 100 |
| Age 7-10: All | 64.4 | 33.5 | 0.7 | 1.4 | 100 | 64.3 | 30.5 | 0.8 | 4.4 | 100 | 70.3 | 24.8 | 0.6 | 4.4 | 100 |
| Age 7-10: Boys | 60.6 | 37.4 | 0.7 | 1.4 | 100 | 60.9 | 33.6 | 0.8 | 4.7 | 100 | 67.9 | 26.9 | 0.5 | 4.7 | 100 |
| Age 7-10: Girls | 68.4 | 29.5 | 0.7 | 1.4 | 100 | 68.1 | 27.0 | 0.8 | 4.1 | 100 | 72.8 | 22.3 | 0.7 | 4.1 | 100 |
| Age 11-14: All | 64.1 | 32.0 | 0.8 | 3.2 | 100 | 68.0 | 27.4 | 0.7 | 3.9 | 100 | 70.5 | 24.5 | 0.8 | 4.1 | 100 |
| Age 11-14: Boys | 60.5 | 35.9 | 0.7 | 2.9 | 100 | 64.5 | 30.9 | 0.7 | 3.9 | 100 | 67.5 | 27.3 | 0.9 | 4.3 | 100 |
| Age 11-14: Girls | 67.6 | 28.0 | 0.8 | 3.6 | 100 | 71.9 | 23.5 | 0.7 | 3.9 | 100 | 73.9 | 21.5 | 0.7 | 3.9 | 100 |
| Age 15-16: All | 57.4 | 29.9 | 0.6 | 12.1 | 100 | 62.1 | 27.3 | 0.6 | 9.9 | 100 | 67.4 | 25.2 | 0.9 | 6.6 | 100 |
| Age 15-16: Boys | 55.9 | 32.2 | 0.5 | 11.5 | 100 | 60.8 | 29.7 | 0.8 | 8.8 | 100 | 66.7 | 26.3 | 0.9 | 6.1 | 100 |
| Age 15-16: Girls | 58.9 | 27.8 | 0.7 | 12.6 | 100 | 63.6 | 24.8 | 0.5 | 11.1 | 100 | 68.1 | 24.0 | 0.8 | 7.1 | 100 |

'Other' includes children going to Madarsa and EGS.
'Not enrolled' includes children who never enrolled or are not currently enrolled.
Table 1 summarises enrollment data for different groups of children for 2021, 2020 and 2018. For children in the age group 6-14, enrollment in private schools has decreased from $32.5 \%$ in 2018 to $24.4 \%$ in 2021. A corresponding increase is visible in both government school enrollments as well as in the proportion of children not currently enrolled. Among older children in the age group 15-16, an increase in government school enrollment of 10 percentage points over 2018 levels is driven by significant declines in the proportion of out of school children in this age group, as well as by decreasing private school enrollments.
Among enrolled children, grade-wise patterns show similar trends. There has been a clear shift from private to government schools between 2018 and 2021, in all grades and among both boys and girls. The increase is most striking among children enrolled in the lowest grades (Table 2, Chart 1). For example, among boys enrolled in Std I-II, enrollment in government schools increased by more than 10 percentage points from 2020 to 2021. Overall, less than $30 \%$ of all enrolled children are enrolled in private schools, and boys are more likely to be enrolled in private schools than girls.

Table 2: \% Girls enrolled in Govt school. By grade. 2018, 2020 and 2021*

| Std | ASER 2018 | ASER 2020 | ASER 2021 |
| :--- | :---: | :---: | :---: |
| Std I-II | 65.1 | 66.7 | 74.1 |
| Std III-V | 71.2 | 73.3 | 77.1 |
| Std VI-VIII | 73.3 | 77.0 | 79.2 |
| Std IX \& above | 68.9 | 72.7 | 74.3 |
| All | 70.0 | 73.0 | 76.5 |

Chart 1: \% Boys enrolled in Govt school. By grade. 2018, 2020 and 2021*


[^0]
## State-wise trends

Table 3: \% Children aged 6-14 enrolled in Govt school. By state and sex. 2018, 2020 and 2021*

| State | ASER 2018 |  |  | ASER 2020 |  |  | ASER 2021 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Boys | Girls | All | Boys | Girls | All | Boys | Girls | All |
| Andhra Pradesh | 59.0 | 65.1 | 62.2 | 64.4 | 69.5 | 66.9 | 63.7 | 77.2 | 70.6 |
| Arunachal Pradesh | 53.8 | 59.0 | 56.5 | 49.5 | 45.2 | 47.5 | 53.2 | 62.7 | 58.3 |
| Assam | 65.4 | 72.2 | 68.8 | 61.1 | 69.1 | 64.9 | 61.1 | 67.8 | 64.4 |
| Bihar | 73.4 | 82.0 | 77.7 | 73.2 | 80.9 | 76.9 | 78.2 | 82.9 | 80.5 |
| Chhattisgarh | 73.4 | 77.8 | 75.7 | 64.1 | 69.9 | 67.0 | 70.2 | 75.5 | 72.9 |
| Gujarat | 83.2 | 86.9 | 85.0 | 83.8 | 85.7 | 84.7 | 86.1 | 83.9 | 85.2 |
| Haryana | 36.5 | 47.9 | 41.8 | 43.9 | 50.5 | 46.9 | 43.6 | 53.9 | 48.3 |
| Himachal Pradesh | 55.5 | 61.8 | 58.6 | 49.4 | 59.6 | 54.1 | 55.6 | 66.7 | 60.9 |
| Jammu \& Kashmir | 53.7 | 61.0 | 57.3 | 48.2 | 57.3 | 52.3 | 53.3 | 58.0 | 55.5 |
| Jharkhand | 72.8 | 79.5 | 76.1 | 69.7 | 74.7 | 72.1 | 75.6 | 81.8 | 78.6 |
| Karnataka | 65.0 | 73.7 | 69.4 | 66.4 | 71.1 | 68.6 | 76.8 | 78.6 | 77.7 |
| Kerala | 45.4 | 50.2 | 47.9 | 54.6 | 67.1 | 60.9 | 58.0 | 61.6 | 59.8 |
| Madhya Pradesh | 63.7 | 71.2 | 67.3 | 60.7 | 69.9 | 65.3 | 63.9 | 72.0 | 67.7 |
| Maharashtra | 57.8 | 63.3 | 60.5 | 66.5 | 69.2 | 67.8 | 67.1 | 72.8 | 69.7 |
| Manipur | 25.3 | 28.3 | 26.8 | 11.3 | 12.1 | 11.7 | 12.1 | 14.8 | 13.4 |
| Meghalaya | 33.4 | 34.5 | 34.0 | 40.8 | 35.6 | 37.9 | 33.3 | 34.5 | 33.9 |
| Nagaland | 44.8 | 47.6 | 46.2 | 30.3 | 30.6 | 30.4 | 33.6 | 36.3 | 34.8 |
| Odisha | 85.0 | 88.4 | 86.7 | 78.5 | 84.5 | 81.5 | 82.6 | 84.9 | 83.7 |
| Punjab | 43.0 | 49.3 | 46.0 | 43.7 | 49.6 | 46.4 | 49.1 | 57.0 | 52.8 |
| Rajasthan | 54.4 | 64.4 | 59.1 | 52.3 | 62.2 | 56.7 | 64.0 | 73.6 | 68.4 |
| Tamil Nadu | 63.3 | 70.0 | 66.7 | 58.7 | 71.1 | 64.6 | 73.7 | 78.8 | 76.3 |
| Telangana | 52.6 | 60.2 | 56.4 | 51.4 | 58.7 | 54.8 | 57.6 | 62.9 | 60.0 |
| Uttarakhand | 50.9 | 57.2 | 53.9 | 43.4 | 59.0 | 50.3 | 47.3 | 54.4 | 50.5 |
| Uttar Pradesh | 39.8 | 46.7 | 43.1 | 47.8 | 51.9 | 49.7 | 54.8 | 58.1 | 56.3 |
| West Bengal | 87.0 | 88.9 | 88.0 | 86.0 | 90.6 | 88.3 | 91.7 | 92.0 | 91.8 |
| All India | 60.7 | 68.0 | 64.3 | 62.6 | 69.4 | 65.8 | 67.9 | 73.0 | 70.3 |

[^1]Chart 2: Percentage point change in the proportion of children aged 6-14 enrolled in Govt school between 2018 and 2021*. By state.

| State | ASER 2018 | ASER 2021 | -20 | -15 | -10 | 50 | 0 |  | 15 | 20 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Uttar Pradesh | 43.1 | 56.3 |  |  |  |  |  |  |  |  |
| Kerala | 47.9 | 59.8 |  |  |  |  |  |  |  |  |
| Tamil Nadu | 66.7 | 76.3 |  |  |  |  | 9. |  |  |  |
| Rajasthan | 59.1 | 68.4 |  |  |  |  | 9.4 |  |  |  |
| Maharashtra | 60.5 | 69.7 |  |  |  |  | 9.2 |  |  |  |
| Andhra Pradesh | 62.2 | 70.6 |  |  |  |  | 8.4 |  |  |  |
| Karnataka | 69.4 | 77.7 |  |  |  |  | 8.3 |  |  |  |
| Punjab | 46.0 | 52.8 |  |  |  |  | 6.8 |  |  |  |
| Haryana | 41.8 | 48.3 |  |  |  |  | 6.6 |  |  |  |
| All India | 64.3 | 70.3 |  |  |  |  | 6.1 |  |  |  |
| West Bengal | 88.0 | 91.8 |  |  |  |  | 3.9 |  |  |  |
| Telangana | 56.4 | 60.0 |  |  |  |  | 3.7 |  |  |  |
| Bihar | 77.7 | 80.5 |  |  |  |  | 2.8 |  |  |  |
| Jharkhand | 76.1 | 78.6 |  |  |  |  | 2.5 |  |  |  |
| Himachal Pradesh | 58.6 | 60.9 |  |  |  |  | 2.3 |  |  |  |
| Arunachal Pradesh | 56.5 | 58.3 |  |  |  |  | 1.8 |  |  |  |
| Madhya Pradesh | 67.3 | 67.7 |  |  |  |  | \|0.4 |  |  |  |
| Gujarat | 85.0 | 85.2 |  |  |  |  | 0.2 |  |  |  |
| Meghalaya | 34.0 | 33.9 |  |  |  | 0.0 |  |  |  |  |
| Jammu \& Kashmir | 57.3 | 55.5 |  |  |  | -1.8 |  |  |  |  |
| Chhattisgarh | 75.7 | 72.9 |  |  |  | -2.8 |  |  |  |  |
| Odisha | 86.7 | 83.7 |  |  |  | -3.0 |  |  |  |  |
| Uttarakhand | 53.9 | 50.5 |  |  |  | -3.3 |  |  |  |  |
| Assam | 68.8 | 64.4 |  |  |  | -4.4 |  |  |  |  |
| Nagaland | 46.2 | 34.8 |  |  |  |  |  |  |  |  |
| Manipur | 26.8 | 13.4 |  |  | - |  |  |  |  |  |

[^2]
## Steady increase in children taking tuition

Table 4: \% Enrolled children taking tuition. By grade. 2018, 2020 and 2021*

| Std | ASER 2018 | ASER 2020 | ASER 2021 |
| :--- | :---: | :---: | :---: |
| Std I-II | 24.2 | 33.2 | 37.0 |
| Std III-V | 27.7 | 32.9 | 39.4 |
| Std VI-VIII | 28.6 | 30.7 | 38.9 |
| Std IX \& above | 35.5 | 33.6 | 41.1 |
| All | 28.6 | 32.5 | 39.2 |

Chart 3: \% Enrolled children taking tuition. By sex. 2018, 2020 and 2021*


Table 6: \% Enrolled children taking tuition. By grade and school reopening status. 2021

| Std | School not reopened | School reopened |
| :--- | :---: | :---: |
| Std I-II | 37.7 | 36.6 |
| Std III-V | 41.6 | 38.0 |
| Std VI-VIII | 41.6 | 37.6 |
| Std IX \& above | 45.7 | 40.1 |
| All | 41.2 | 38.2 |

Table 5: \% Enrolled children taking tuition. By school type. 2018, 2020 and 2021*

| School type | ASER 2018 | ASER 2020 | ASER 2021 |
| :--- | :---: | :---: | :---: |
| Govt | 29.6 | 33.0 | 39.5 |
| Pvt | 26.7 | 31.2 | 38.2 |
| Govt \& Pvt | 28.6 | 32.5 | 39.2 |

Chart 4: \% Enrolled children taking tuition. By parents' education. 2018, 2020 and 2021*


We categorise parents' education as follows: 'low' parental education includes families where both parents have completed Std $V$ or less (including those with no schooling). At the other end of the spectrum, the 'high' parental education category comprises families where both parents have completed at least Std IX. All other parents are in the 'medium' category where there are many possible combinations.


[^3][^4]
## State-wise trends

Table 7: \% Enrolled children taking tuition. By state. 2018, 2020 and 2021*


[^5]
## Smartphone ownership has increased, but children's access remains an issue

Table 8: \% Enrolled children who have a smartphone available at home. By school type. 2018, 2020 and 2021*

| School type | ASER 2018 | ASER 2020 | ASER 2021 |
| :--- | :---: | :---: | :---: |
| Govt | 29.6 | 56.4 | 63.7 |
| Pvt | 49.9 | 74.2 | 79.0 |
| Govt \& Pvt | 36.5 | 61.8 | 67.6 |



Table 9: \% Enrolled children with at least one smartphone available at home. By parents' education. 2020 and 2021

| Parents' education | ASER 2020 |  | ASER 2021 |  |
| :--- | :---: | :---: | :---: | :---: |
|  | At least one <br> smartphone available at <br> home | Bought a new <br> smartphone for <br> children's education <br> since March 2020 | At least one <br> smartphone available <br> at home | Bought a new <br> smartphone for <br> children's education <br> since March 2020 |
| Low | 45.1 | 5.2 | 52.0 | 26.8 |
| Medium | 60.2 | 8.8 | 66.1 | 27.3 |
| High | 78.7 | 13.0 | 81.8 | 29.3 |
| All | 61.9 | 9.1 | 67.7 | 27.9 |

We categorise parents' education as follows: 'low' parental education includes families where both parents have completed Std V or less (including those with no schooling). At the other end of the spectrum, the 'high' parental education category comprises families where both parents have completed at least Std IX. All other parents are in the 'medium' category where there are many possible combinations.

Table 10: \% Enrolled children with access to smartphones. By grade. 2021

| Std | \% Children |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | At least one smartphone available at home | Of children who have a smartphone available at home, \% children able to access it for their studies: |  |  |  | Bought a new phone for children's education since the lockdown began |
|  |  | Yes, at all times | Yes, sometimes | Not accessible | Total |  |
| Std I-II | 64.9 | 19.9 | 40.8 | 39.3 | 100 | 19.3 |
| Std III-V | 66.6 | 23.7 | 47.2 | 29.0 | 100 | 24.6 |
| Std VI-VIII | 66.6 | 27.6 | 50.2 | 22.2 | 100 | 30.0 |
| Std IX \& above | 72.6 | 35.4 | 47.5 | 17.0 | 100 | 36.4 |
| All | 67.6 | 27.0 | 47.0 | 26.1 | 100 | 28.0 |

The availability of smartphones in children's homes has almost doubled from 2018 to 2021, regardless of school type. For example, in 2018, $29.6 \%$ of children in government schools had at least one smartphone at home. This proportion increased to $56.4 \%$ in 2020 and grew further to $63.7 \%$ in 2021 (Table 8).
However, household economic status (proxied here by parents' education level) affects smartphone availability. As parents' education level increases, the likelihood that the household has a smartphone also increases: in 2021, over $80 \%$ of children with parents who had studied at least till Std IX had a smartphone available at home, as compared to just over $50 \%$ children whose parents had studied till Std V or less (Table 9). Notably, though, even among children with parents in the 'low' education category, over a quarter of households had bought a new smartphone for their children's studies since the lockdown began in March 2020.
Expanding smartphone availability in the household does not automatically translate into children's access to a smartphone. Across all grades, although over two thirds of all enrolled children have a smartphone at home, just over a quarter of these have full access to it for their studies ( $27 \%$ ), while close to half have partial access ( $47 \%$ ) and the remaining quarter have no access at all ( $26.1 \%$ ). There is also a clear pattern by grade, with more children in higher classes having access to a smartphone as compared to children in lower grades. For example, 39.3\% children in Std I-II have no access to a smartphone despite having one at home, as opposed to $17 \%$ children in Std IX or higher (Table 10).

[^6]
## State-wise trends

Table 11: \% Enrolled children with a smartphone available at home. By state. 2018, 2020 and 2021*

| State | ASER 2018 | ASER 2020 | ASER 2021 |
| :---: | :---: | :---: | :---: |
| Andhra Pradesh | 42.1 | 61.5 | 72.3 |
| Arunachal Pradesh | 57.3 | 81.1 | 84.6 |
| Assam | 36.1 | 60.7 | 71.0 |
| Bihar | 27.2 | 51.7 | 54.4 |
| Chhattisgarh | 72.7 | 75.7 | 81.6 |
| Gujarat | 44.7 | 84.0 | 88.4 |
| Haryana | 57.3 | 82.3 | 86.3 |
| Himachal Pradesh | 58.0 | 90.0 | 95.6 |
| Jammu \& Kashmir | 50.9 | 77.1 | 72.8 |
| Jharkhand | 20.6 | 50.2 | 60.2 |
| Karnataka | 43.1 | 68.6 | 71.6 |
| Kerala | 80.9 | 94.3 | 97.5 |
| Madhya Pradesh | 23.3 | 62.7 | 69.2 |
| Maharashtra | 42.3 | 76.3 | 85.5 |
| Manipur | 53.4 | 84.3 | 92.9 |
| Meghalaya | 41.3 | 72.0 | 77.9 |
| Nagaland | 50.0 | 81.8 | 92.9 |
| Odisha | 26.1 | 49.3 | 64.6 |
| Punjab | 64.3 | 88.5 | 89.9 |
| Rajasthan | 39.7 | 62.9 | 66.6 |
| Tamil Nadu | 40.2 | 64.1 | 66.1 |
| Telangana | 45.8 | 74.0 | 79.3 |
| Uttarakhand | 47.9 | 74.7 | 75.6 |
| Uttar Pradesh | 30.4 | 53.7 | 58.9 |
| West Bengal | 26.8 | 47.4 | 58.4 |
| All India | 36.5 | 61.8 | 67.6 |

Chart 6: \% Enrolled children who have a smartphone available at home. By state. 2018 and 2021*

*All estimates from ASER 2018 reported here were generated after excluding households without a mobile phone, in order to make these comparable with the ASER 2020 and ASER 2021 estimates.

Table 12: \% Enrolled children with access to smartphones. By state. 2021

| State | \% Children with <br> at least one smartphone available at home | Of children with a smartphone available at home, \% children able to access it for their studies: |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Yes, at all times | Yes, sometimes | Not accessible | Total |
| Andhra Pradesh | 72.3 | 35.8 | 45.7 | 18.6 | 100 |
| Arunachal Pradesh | 84.6 | 29.4 | 50.7 | 19.9 | 100 |
| Assam | 71.0 | 25.7 | 51.4 | 22.9 | 100 |
| Bihar | 54.4 | 11.8 | 34.4 | 53.8 | 100 |
| Chhattisgarh | 81.6 | 25.3 | 41.6 | 33.1 | 100 |
| Gujarat | 88.4 | 37.9 | 57.5 | 4.7 | 100 |
| Haryana | 86.3 | 38.4 | 49.2 | 12.5 | 100 |
| Himachal Pradesh | 95.6 | 25.1 | 74.2 | 0.8 | 100 |
| Jammu \& Kashmir | 72.8 | 40.1 | 44.4 | 15.6 | 100 |
| Jharkhand | 60.2 | 20.7 | 39.6 | 39.7 | 100 |
| Karnataka | 71.6 | 35.6 | 52.7 | 11.7 | 100 |
| Kerala | 97.5 | 76.2 | 21.2 | 2.6 | 100 |
| Madhya Pradesh | 69.2 | 31.8 | 49.7 | 18.5 | 100 |
| Maharashtra | 85.5 | 27.0 | 62.7 | 10.3 | 100 |
| Manipur | 92.9 | 35.6 | 39.9 | 24.5 | 100 |
| Meghalaya | 77.9 | 35.2 | 34.2 | 30.7 | 100 |
| Nagaland | 92.9 | 55.2 | 41.0 | 3.8 | 100 |
| Odisha | 64.6 | 46.5 | 34.3 | 19.2 | 100 |
| Punjab | 89.9 | 43.2 | 55.7 | 1.1 | 100 |
| Rajasthan | 66.6 | 21.1 | 45.5 | 33.4 | 100 |
| Tamil Nadu | 66.1 | 26.8 | 59.5 | 13.7 | 100 |
| Telangana | 79.3 | 42.2 | 33.9 | 23.9 | 100 |
| Uttarakhand | 75.6 | 31.0 | 57.6 | 11.4 | 100 |
| Uttar Pradesh | 58.9 | 18.7 | 47.0 | 34.3 | 100 |
| West Bengal | 58.4 | 12.8 | 40.7 | 46.5 | 100 |
| All India | 67.6 | 27.0 | 47.0 | 26.1 | 100 |

Chart 7: Of enrolled children who have a smartphone available at home, \% children who are unable to access it for their studies. By state. 2021


## Decrease in learning support at home as schools reopen

Table 13: \% Enrolled children who receive help from family members while studying at home. By grade and school type. 2020 and 2021

| Std | ASER 2020 |  |  | ASER 2021 |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Govt | Pvt |  <br> Pvt | Govt | Pvt |  <br> Pvt |
| Std I-II | 78.6 | 86.7 | 81.5 | 71.9 | 80.8 | 74.3 |
| Std III-V | 75.3 | 81.7 | 77.3 | 68.9 | 76.9 | 71.0 |
| Std VI-VIII | 70.8 | 79.1 | 73.1 | 63.3 | 69.7 | 64.9 |
| Std IX \& above | 66.9 | 71.7 | 68.3 | 55.3 | 60.7 | 56.7 |
| AlI | 72.6 | 80.0 | 74.9 | 64.8 | 71.9 | 66.6 |

Chart 9: \% Enrolled children who receive help while studying at home. By grade and family member. 2020


Table 14: \% Enrolled children who receive help from family members while studying at home. By grade and parents' education. 2020 and 2021

| Std | ASER 2020 |  |  | ASER 2021 |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Low | Medium | High | Low | Medium | High |
| Std I-II | 57.9 | 82.7 | 93.6 | 50.9 | 75.1 | 86.2 |
| Std III-V | 56.4 | 79.0 | 91.6 | 48.9 | 72.3 | 84.0 |
| Std VI-VIII | 52.8 | 75.8 | 89.1 | 45.8 | 66.7 | 78.3 |
| Std IX \& above | 53.5 | 69.4 | 81.4 | 43.1 | 57.8 | 68.0 |
| All | 54.8 | 76.5 | 89.4 | 46.8 | 67.8 | 79.9 |

We categorise parents' education as follows: 'low' parental education includes families where both parents have completed Std V or less (including those with no schooling). At the other end of the spectrum, the 'high' parental education category comprises families where both parents have completed at least Std IX. All other parents are in the 'medium' category where there are many possible combinations.

Chart 8: \% Enrolled children who receive help from family members while studying at home. By school reopening status and school type. 2021


Chart 10: \% Enrolled children who receive help while studying at home. By grade and family member. 2021


We use the term 'learning support at home' to refer to the effort that families put into helping children with learning activities when they are studying at home, whether or not they are also going to school.

The proportion of enrolled children who receive learning support at home has decreased by almost 8 percentage points for both government and private school going children since 2020, with the sharpest drop visible among children in higher grades (Table 13). Decreasing family involvement is driven by school reopening, with children who had returned to school receiving less help at home than those whose schools remained closed (Chart 8). The reduction in help with studies is driven largely by less support from fathers (Charts 9 and 10).

Help at home is also related to parents' education level. While close to $80 \%$ children with parents in the 'high' education category received help at home, this proportion is under 50\% for children whose parents have studied up to Std V or less (Table 14).

## State-wise trends

Table 15: \% Enrolled children who receive help from family members while studying at home. By state and school type. 2021

| State | Govt | Pvt | Govt \& Pvt |
| :---: | :---: | :---: | :---: |
| Andhra Pradesh | 57.3 | 76.1 | 62.0 |
| Arunachal Pradesh | 69.9 | 75.2 | 71.7 |
| Assam | 70.5 | 79.9 | 73.7 |
| Bihar | 62.0 | 76.1 | 63.8 |
| Chhattisgarh | 80.7 | 90.8 | 83.1 |
| Gujarat | 73.8 | 75.0 | 74.0 |
| Haryana | 62.4 | 71.4 | 66.8 |
| Himachal Pradesh | 81.8 | 90.4 | 84.8 |
| Jammu \& Kashmir | 54.6 | 70.5 | 60.7 |
| Jharkhand | 57.5 | 72.5 | 60.3 |
| Karnataka | 68.2 | 75.9 | 69.8 |
| Kerala | 79.7 | 84.4 | 81.4 |
| Madhya Pradesh | 63.9 | 71.9 | 66.1 |
| Maharashtra | 71.5 | 68.4 | 70.4 |
| Manipur | 76.0 | 79.6 | 79.0 |
| Meghalaya | 69.2 | 77.3 | 74.5 |
| Nagaland | 73.1 | 77.2 | 75.4 |
| Odisha | 66.7 | 77.2 | 68.2 |
| Punjab | 62.9 | 71.1 | 66.5 |
| Rajasthan | 51.1 | 56.1 | 52.4 |
| Tamil Nadu | 53.2 | 68.8 | 56.6 |
| Telangana | 59.4 | 63.8 | 60.7 |
| Uttarakhand | 67.3 | 71.9 | 69.3 |
| Uttar Pradesh | 67.9 | 70.1 | 68.7 |
| West Bengal | 68.5 | 84.2 | 69.4 |
| All India | 64.8 | 71.9 | 66.6 |

## Slight increase in learning materials available for children

Table 16: \% Enrolled children who have textbooks for their current grade. By grade and school type. 2020 and 2021

| Std | ASER 2020 |  |  | ASER 2021 |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Govt | Pvt |  <br> Pvt | Govt | Pvt |  <br> Pvt |
| Std I-II | 79.8 | 69.7 | 76.2 | 88.1 | 88.1 | 88.1 |
| Std III-V | 85.5 | 72.0 | 81.4 | 92.7 | 90.5 | 92.1 |
| Std VI-VIII | 86.3 | 73.7 | 82.8 | 94.1 | 90.9 | 93.3 |
| Std IX \& above | 82.7 | 73.5 | 80.0 | 93.2 | 92.9 | 93.1 |
| AlI | 84.1 | 72.2 | 80.5 | 92.3 | 90.7 | 91.9 |

## Schools yet to reopen

Table 17: \% Enrolled children who received learning materials/activities to do at home in the reference week. By grade and school type. 2020 and 2021

| Std | ASER 2020 |  |  | ASER 2021 |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Govt | Pvt |  <br> Pvt | Govt | Pvt |  <br> Pvt |
| Std I-II | 27.9 | 35.8 | 30.8 | 31.5 | 39.4 | 33.5 |
| Std III-V | 33.7 | 40.4 | 35.8 | 39.2 | 46.9 | 41.0 |
| Std VI-VIII | 35.4 | 42.7 | 37.4 | 41.1 | 50.7 | 43.0 |
| Std IX \& above | 34.8 | 43.4 | 37.3 | 36.4 | 53.9 | 40.6 |
| AlI | 33.5 | 40.6 | 35.6 | 37.6 | 46.9 | 39.8 |



## Schools reopened

Table 18: \% Enrolled children who received learning materials/activities to do at home in the reference week. By grade and school type. 2021

| Std | Govt | Pvt | Govt \& Pvt |
| :--- | :---: | :---: | :---: |
| Std I-II | 40.9 | 47.9 | 42.9 |
| Std III-V | 44.1 | 48.3 | 45.2 |
| Std VI-VIII | 45.7 | 50.7 | 47.0 |
| Std IX \& above | 47.9 | 53.0 | 49.3 |
| All | 45.0 | 50.2 | 46.4 |

Almost all enrolled children have textbooks for their current grade (91.9\%). This proportion has increased over the last year, for children enrolled in both government and private schools (Table 16).
Households of enrolled children were asked whether they had received learning materials or activities from the school for children to do at home during the week prior to the survey (the reference week). These could take the form of traditional materials like worksheets in print or virtual form; online or recorded classes; and videos or other activities sent via phone or received in person. For children whose schools had reopened, these materials could also include homework given by the school. ${ }^{1}$

Overall, among enrolled children whose schools had not reopened, $39.8 \%$ children received some kind of learning materials or activities (other than textbooks) from their teachers during the reference week. This is a slight increase over 2020, when 35.6\% children received learning materials during the corresponding reference week. In both years, a higher percentage of private school children received learning materials/activities as compared to government school children in the same grades (Table 17).
More children whose schools had reopened received learning materials in the reference week as compared to their counterparts whose schools had not reopened, mainly because of the inclusion of homework. Here also, a higher proportion of children in private schools received these materials as compared to those in government schools (Table 18).

[^7]
## State-wise trends

Table 19: \% Enrolled children who have textbooks for their current grade. By state and school type. 2020 and 2021

| State | ASER 2020 |  |  | ASER 2021 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Govt | Pvt | Govt \& Pvt | Govt | Pvt | Govt \& Pvt |
| Andhra Pradesh | 38.5 | 24.7 | 34.6 | 97.5 | 92.7 | 96.3 |
| Arunachal Pradesh | 75.1 | 80.3 | 77.6 | 93.0 | 97.7 | 94.6 |
| Assam | 98.2 | 98.9 | 98.4 | 96.0 | 98.3 | 96.8 |
| Bihar | 74.2 | 83.8 | 75.8 | 88.7 | 94.6 | 89.4 |
| Chhattisgarh | 87.4 | 64.9 | 80.7 | 97.0 | 93.4 | 96.1 |
| Gujarat | 95.2 | 94.0 | 95.0 | 93.0 | 98.0 | 93.6 |
| Haryana | 85.9 | 89.6 | 87.7 | 92.3 | 97.4 | 94.8 |
| Himachal Pradesh | 96.4 | 96.2 | 96.3 | 97.5 | 96.9 | 97.3 |
| Jammu \& Kashmir | 95.7 | 97.3 | 96.4 | 94.0 | 97.0 | 95.1 |
| Jharkhand | 78.9 | 71.6 | 77.1 | 90.9 | 85.2 | 89.8 |
| Karnataka | 93.9 | 76.0 | 89.1 | 83.3 | 82.7 | 83.2 |
| Kerala | 92.9 | 90.0 | 91.9 | 98.6 | 94.3 | 97.1 |
| Madhya Pradesh | 89.3 | 57.2 | 79.6 | 92.7 | 83.9 | 90.2 |
| Maharashtra | 86.0 | 71.4 | 80.8 | 91.0 | 87.5 | 89.8 |
| Manipur | 99.6 | 97.2 | 97.5 | 93.5 | 94.5 | 94.3 |
| Meghalaya | 97.5 | 97.9 | 97.8 | 96.9 | 99.5 | 98.6 |
| Nagaland | 98.0 | 99.8 | 99.2 | 96.5 | 98.0 | 97.3 |
| Odisha | 88.7 | 88.0 | 88.6 | 95.2 | 96.3 | 95.3 |
| Punjab | 96.1 | 95.9 | 96.0 | 97.5 | 99.3 | 98.3 |
| Rajasthan | 70.6 | 43.0 | 60.4 | 91.9 | 82.6 | 89.4 |
| Tamil Nadu | 93.7 | 68.1 | 86.4 | 95.8 | 87.7 | 94.1 |
| Telangana | 89.3 | 37.1 | 68.1 | 95.6 | 87.6 | 93.2 |
| Uttarakhand | 75.6 | 85.9 | 80.3 | 86.0 | 88.6 | 87.1 |
| Uttar Pradesh | 83.5 | 74.9 | 79.6 | 90.8 | 92.1 | 91.3 |
| West Bengal | 99.6 | 100.0 | 99.7 | 97.6 | 97.8 | 97.7 |
| All India | 84.1 | 72.2 | 80.5 | 92.3 | 90.7 | 91.9 |


[^0]:    *All estimates from ASER 2018 reported here were generated after excluding households without a mobile phone, in order to make these comparable with the ASER 2020 and ASER 2021 estimates

[^1]:    *All estimates from ASER 2018 reported here were generated after excluding households without a mobile phone, in order to make these comparable with the ASER 2020 and ASER 2021 estimates.

[^2]:    *All estimates from ASER 2018 reported here were generated after excluding households without a mobile phone, in order to make these comparable with the ASER 2020 and ASER 2021 estimates.

[^3]:    The proportion of children taking tuition has increased from 2018 to 2021, regardless of grade, school type, or sex (Tables 4 and 5, Chart 3). Currently, almost $40 \%$ children take paid private tuition classes.

    The largest increases in the proportion of children taking tuition are seen among children from the most disadvantaged households. Taking parental education as a proxy for economic status, between 2018 and 2021, the proportion of children with parents in the 'low' education category who are taking tuition increased by 12.6 percentage points, as opposed to a 7.2 percentage point increase among children with parents in the 'high' education category (Chart 4).

    Some differences are visible in the proportion of children taking tuition by school reopening status, with tuition classes more common among children whose schools were still closed at the time of the survey. This difference in tuition-taking is larger in higher classes than in lower ones. Among children in Std IX or higher, for example, the difference in tuition taking between children whose schools have not reopened versus those whose schools have reopened is more than five percentage points (Table 6).

[^4]:    *All estimates from ASER 2018 reported here were generated after excluding households without a mobile phone, in order to make these comparable with the ASER 2020 and ASER 2021 estimates.

[^5]:    *All estimates from ASER 2018 reported here were generated after excluding households without a mobile phone, in order to make these comparable with the ASER 2020 and ASER 2021 estimates.

[^6]:    *All estimates from ASER 2018 reported here were generated after excluding households without a mobile phone, in order to make these comparable with the ASER 2020 and ASER 2021 estimates.

[^7]:    The survey was conducted in September 2021, when schools had reopened in some states but not in others. See Annexure 1 for details.

