

## August MAT Report, 2016

Percentage of schools that have entered data in the month of August 2016 is 97%. Across districts, it is more than state average in 8 districts named, Faridabad (99%), Fatehabad (99%), Kaithal (99%), Jhajjar (98%), Jind (98%), Kurukshetra (98%), Rewari (98%) and Sonipat (98%). In three districts named Hisar, Karnal and Yamuna Nagar, it is at par the state average. In rest of the districts, it is less than the state average (Table 1).

<b>Table 1: Percentage of Schools who have entered Data</b>				
<b>District</b>	<b>Total School</b>	<b>Participated (No.)</b>	<b>Participated (%)</b>	<b>Not Participated (No.)</b>
Ambala	778	716	92	62
Bhiwani	1141	1101	96	40
Faridabad	370	366	99	4
Fatehabad	628	624	99	4
Gurgaon	591	565	96	26
Hisar	891	867	97	24
Jhajjar	536	526	98	10
Jind	749	734	98	15
Kaithal	600	596	99	4
Karnal	786	762	97	24
Kurukshetra	796	779	98	17
Mahendergarh	777	746	96	31
Mewat	844	811	96	33
Palwal	611	572	94	39
Panchkula	418	397	95	21
Panipat	424	409	96	15
Rewari	656	640	98	16
Rohtak	428	412	96	16
Sirsa	842	800	95	42
Sonipat	723	711	98	12
Yamuna Nagar	958	934	97	24
Haryana	14547	14068	97	479

In the month of August, Haryana Student attendance is 93%. Across districts, attendance is more than state average in 13 districts namely, Yamuna Nagar (97%), Sonipat (96%), Ambala, Bhiwani, Hisar, Jhajjar, Rewari and Rohtak (95%), Fatehabad, Kurukshetra, Mahendergarh, Panchkula and Sirsa (94%) (Table 2).

Table 2: District wise Students Attendance Report			
District Name	Total Students	Students Appeared	% attendance
Ambala	70532	67187	95%
Bhiwani	122015	115669	95%
Faridabad	92824	82066	88%
Fatehabad	93826	88099	94%
Gurgaon	109616	100156	91%
Hisar	132638	125503	95%
Jhajjar	50562	47942	95%
Jind	112031	104366	93%
Kaithal	101477	94878	93%
Karnal	120266	112404	93%
Kurukshetra	77130	72702	94%
Mahendergarh	58398	55006	94%
Mewat	164896	133871	81%
Palwal	91355	81934	90%
Panchkula	48543	45661	94%
Panipat	77934	72012	92%
Rewari	60516	57192	95%
Rohtak	57223	54346	95%
Sirsa	126077	117928	94%
Sonipat	97910	93764	96%
Yamuna Nagar	85462	82498	97%
<b>Haryana</b>	<b>1951231</b>	<b>1805184</b>	<b>93%</b>

Sonipat (64%), Mahendergarh (61%) and Gurgaon (59%) districts are on first, second and third positions. However, Fatehabad (47%), Palwal (47%), Panchkula (47%), Yamuna Nagar (43%) and Mewat (36%) are the bottom performing districts (Table 3).

<b>Table 3: Top and Bottom Performing Districts Students scoring 50% and above</b>	
<b>District Name</b>	<b>Students (in %)</b>
Sonipat	64%
Mahendergarh	61%
Gurgaon	59%
Jhajjar	57%
Rewari	57%
Rohtak	54%
Bhiwani	51%
Panipat	51%
Faridabad	50%
Ambala	49%
Kaithal	49%
Sirsa	49%
Jind	49%
Kurukshetra	48%
Hisar	48%
Karnal	48%
Fatehabad	47%
Palwal	47%
Panchkula	47%
Yamuna Nagar	43%
Mewat	36%
Haryana	51%

Across classes in Hindi, performance of students has decreased in class 3<sup>rd</sup> in comparison of class 1<sup>st</sup> and 2<sup>nd</sup>, however in class 4<sup>th</sup> and 5<sup>th</sup> it has increased again. In English, it decreases as we move from class 1<sup>st</sup> to 4<sup>th</sup> however, in class 5<sup>th</sup>, it has increased. In Mathematics, performance of students is same in class 1<sup>st</sup> and 2<sup>nd</sup> which decreased in class 3<sup>rd</sup> and marginal changes in class 4<sup>th</sup> and 5<sup>th</sup>. In EVS, performance has decreased from class 3<sup>rd</sup> to class 5<sup>th</sup> (Table 4).

<b>Table 4: Percentage of Haryana Students who scored 50% and above</b>				
Class	Hindi	English	Maths	EVS
1st	70%	63%	68%	
2nd	67%	61%	68%	
3rd	42%	38%	49%	59%
4th	52%	32%	50%	50%
5th	59%	45%	46%	46%

At upper Primary level, class wise performance in individual subjects across classes shows that in Hindi, it has increased from class 6<sup>th</sup> to class 8<sup>th</sup>. In English also, it has increased from class 6<sup>th</sup> to 8<sup>th</sup>. In Mathematics, performance has remained almost same in all three classes. In Social Studies, it has increased from class 6<sup>th</sup> to class 7<sup>th</sup>, however marginally decreased in class 8<sup>th</sup>. In Science, it has increased from class 6<sup>th</sup> to class 8<sup>th</sup> (Table 5).

<b>Table 5: Percentage of Haryana Students who scored 50% and above</b>					
Class	Hindi	English	Maths	Social Studies	Science
6th	46%	28%	35%	31%	40%
7th	58%	32%	34%	43%	50%
8th	67%	39%	34%	41%	59%

Across Districts, in Hindi, Class 1<sup>st</sup>, 2<sup>nd</sup>, 7<sup>th</sup> and 8<sup>th</sup> students are performing well in all districts but the performance of class 3<sup>rd</sup> and 6<sup>th</sup> students is poor in most of the districts (Table 6).

<b>Table 6: Percentage of Students Scoring More Than 50% Marks in Hindi Language Across Classes</b>								
<b>District Name</b>	<b>Class1</b>	<b>Class2</b>	<b>Class3</b>	<b>Class4</b>	<b>class5</b>	<b>Class6</b>	<b>Class7</b>	<b>Class8</b>
Ambala	76%	74%	47%	56%	63%	48%	60%	65%
Bhiwani	69%	65%	40%	51%	56%	47%	62%	70%
Faridabad	75%	70%	42%	54%	59%	45%	62%	66%
Fatehabad	69%	64%	39%	52%	56%	45%	53%	63%
Gurgaon	81%	75%	50%	62%	70%	61%	67%	76%
Hisar	69%	68%	41%	52%	60%	44%	56%	66%
Jhajjar	71%	71%	45%	55%	61%	50%	63%	73%
Jind	68%	65%	40%	53%	57%	44%	58%	71%
Kaithal	72%	66%	42%	50%	62%	46%	59%	69%
Karnal	70%	68%	44%	56%	58%	43%	56%	64%
Kurukshetra	73%	66%	38%	47%	59%	46%	57%	66%
Mahendergarh	75%	78%	53%	60%	68%	59%	68%	77%
Mewat	50%	50%	28%	36%	38%	29%	42%	52%
Palwal	67%	59%	35%	42%	48%	41%	51%	58%
Panchkula	78%	72%	39%	49%	63%	50%	60%	68%
Panipat	71%	69%	43%	53%	61%	49%	64%	70%
Rewari	82%	77%	51%	64%	70%	55%	65%	75%
Rohtak	74%	71%	46%	57%	63%	47%	63%	70%
Sirsa	70%	65%	40%	53%	61%	45%	57%	67%
Sonipat	78%	79%	60%	69%	73%	59%	71%	77%
Yamuna Nagar	69%	65%	41%	46%	53%	38%	52%	59%
<b>Haryana</b>	<b>70%</b>	<b>67%</b>	<b>42%</b>	<b>52%</b>	<b>59%</b>	<b>46%</b>	<b>58%</b>	<b>67%</b>

**Note:** Red Colour indicates less than 50% students are scoring more than 50% marks.

Green colour indicates more than 50% students are scoring more than 50% marks.

In English, class 1<sup>st</sup> and 2<sup>nd</sup> students are performing well but class 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> students need much improvement (Table 7).

<b>DistrictName</b>	<b>Class1</b>	<b>Class2</b>	<b>Class3</b>	<b>Class4</b>	<b>class5</b>	<b>Class6</b>	<b>Class7</b>	<b>Class8</b>
Ambala	69%	68%	44%	35%	50%	30%	31%	38%
Bhiwani	60%	55%	35%	30%	43%	26%	32%	39%
Faridabad	71%	66%	38%	35%	47%	30%	36%	38%
Fatehabad	63%	59%	31%	28%	40%	21%	22%	31%
Gurgaon	75%	73%	49%	42%	56%	39%	47%	48%
Hisar	62%	57%	34%	28%	43%	21%	25%	31%
Jhajjar	67%	64%	45%	36%	51%	34%	42%	47%
Jind	59%	55%	32%	30%	43%	25%	26%	32%
Kaithal	66%	60%	35%	29%	43%	25%	25%	34%
Karnal	64%	66%	41%	36%	46%	31%	33%	39%
Kurukshetra	66%	61%	34%	26%	40%	25%	28%	36%
Mahendergarh	67%	70%	51%	43%	56%	40%	46%	53%
Mewat	40%	43%	25%	20%	29%	16%	25%	31%
Palwal	59%	51%	34%	27%	38%	30%	36%	40%
Panchkula	70%	67%	38%	27%	46%	26%	29%	37%
Panipat	68%	62%	39%	31%	46%	28%	31%	38%
Rewari	75%	70%	50%	43%	57%	35%	39%	46%
Rohtak	71%	64%	39%	34%	50%	30%	39%	48%
Sirsa	61%	59%	32%	30%	43%	25%	25%	32%
Sonipat	75%	74%	55%	53%	64%	47%	53%	60%
Yamuna Nagar	62%	61%	38%	26%	38%	23%	28%	35%
Haryana	63%	61%	38%	32%	45%	28%	32%	39%

In Mathematics also, class 1<sup>st</sup> and 2<sup>nd</sup> students are performing well but performance level of class 5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> students is very poor, they need much improvement (Table 8).

District Name	Class1	Class2	Class3	Class4	class5	Class6	Class7	Class8
Ambala	74%	73%	51%	52%	46%	37%	32%	33%
Bhiwani	67%	65%	45%	50%	43%	33%	34%	36%
Faridabad	80%	74%	52%	52%	48%	32%	30%	33%
Fatehabad	68%	66%	48%	48%	46%	24%	25%	25%
Gurgaon	82%	80%	57%	64%	58%	41%	40%	42%
Hisar	66%	66%	51%	45%	47%	29%	27%	27%
Jhajjar	73%	71%	50%	56%	48%	38%	41%	43%
Jind	65%	64%	48%	54%	44%	41%	37%	29%
Kaithal	69%	70%	48%	52%	46%	29%	29%	31%
Karnal	65%	67%	50%	55%	47%	38%	40%	31%
Kurukshetra	74%	67%	47%	39%	43%	30%	30%	30%
Mahendergarh	75%	75%	57%	60%	56%	43%	49%	52%
Mewat	50%	54%	32%	31%	31%	21%	25%	30%
Palwal	64%	61%	39%	41%	43%	34%	34%	37%
Panchkula	77%	75%	46%	48%	46%	26%	30%	29%
Panipat	71%	70%	52%	52%	46%	42%	36%	33%
Rewari	79%	76%	59%	63%	58%	44%	37%	41%
Rohtak	76%	72%	57%	56%	49%	39%	40%	41%
Sirsa	67%	67%	51%	48%	48%	33%	32%	30%
Sonipat	77%	79%	64%	72%	65%	60%	60%	53%
Yamuna Nagar	68%	68%	46%	41%	36%	30%	25%	28%
Haryana	68%	68%	49%	50%	46%	35%	34%	34%

In EVS, performance of class 3<sup>rd</sup> students is good; however, class 5<sup>th</sup> students need much improvement (Table 9).

<b>Table 9: Percentage of Students Scoring More Than 50% Marks in EVS Across Classes</b>			
<b>DistrictName</b>	<b>Class3</b>	<b>Class4</b>	<b>class5</b>
Ambala	64%	50%	48%
Bhiwani	58%	49%	44%
Faridabad	64%	52%	45%
Fatehabad	55%	49%	42%
Gurgaon	69%	61%	54%
Hisar	59%	48%	43%
Jhajjar	63%	55%	52%
Jind	57%	49%	44%
Kaithal	58%	51%	43%
Karnal	63%	54%	48%
Kurukshetra	58%	45%	40%
Mahendergarh	69%	60%	58%
Mewat	40%	34%	34%
Palwal	51%	43%	43%
Panchkula	60%	47%	45%
Panipat	64%	51%	47%
Rewari	72%	62%	58%
Rohtak	63%	55%	46%
Sirsa	60%	49%	44%
Sonipat	74%	69%	66%
Yamuna Nagar	59%	41%	39%
Haryana	59%	50%	46%



In Social Science, Students of all three classes 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> are performing poorly (Table 10).

<b>Table 10: Percentage of Students Scoring More Than 50% Marks in Social Studies Across Classes</b>			
<b>District Name</b>	<b>Class6</b>	<b>Class7</b>	<b>Class8</b>
Ambala	31%	42%	39%
Bhiwani	32%	45%	43%
Faridabad	31%	45%	33%
Fatehabad	23%	36%	33%
Gurgaon	40%	50%	47%
Hisar	25%	34%	35%
Jhajjar	36%	48%	48%
Jind	27%	41%	39%
Kaithal	29%	39%	40%
Karnal	31%	45%	42%
Kurukshetra	28%	41%	38%
Mahendergarh	37%	57%	54%
Mewat	22%	34%	33%
Palwal	32%	46%	45%
Panchkula	28%	37%	37%
Panipat	30%	42%	43%
Rewari	36%	50%	48%
Rohtak	39%	49%	48%
Sirsa	27%	38%	36%
Sonipat	50%	63%	59%
Yamuna Nagar	26%	38%	36%
Haryana	31%	43%	41%

In science, performance of class 8<sup>th</sup> students is good; however, performance of class 6<sup>th</sup> students is poor except in few districts. Performance of class 7<sup>th</sup> students is somewhat mix i.e. in some districts, it is good and in some students need improvement.

<b>Table 11: Percentage of Students Scoring More than 50% Marks in Science Across Classes</b>			
<b>District Name</b>	<b>Class6</b>	<b>Class7</b>	<b>Class8</b>
Ambala	44%	49%	55%
Bhiwani	40%	51%	62%
Faridabad	35%	51%	56%
Fatehabad	33%	42%	54%
Gurgaon	53%	63%	74%
Hisar	37%	45%	57%
Jhajjar	44%	56%	67%
Jind	34%	47%	57%
Kaithal	34%	48%	56%
Karnal	42%	48%	60%
Kurukshetra	38%	48%	57%
Mahendergarh	56%	60%	73%
Mewat	27%	36%	44%
Palwal	35%	45%	52%
Panchkula	38%	49%	62%
Panipat	44%	55%	61%
Rewari	51%	60%	68%
Rohtak	42%	57%	66%
Sirsa	40%	50%	56%
Sonipat	62%	67%	71%
Yamuna Nagar	33%	44%	52%
Haryana	40%	50%	59%

## **Conclusion**

There is a sudden big dip from class 2<sup>nd</sup> to class 3<sup>rd</sup> in all subjects (Hindi, English and Mathematics). This dip may be due to the change in pattern of assessment e.g. in class 1<sup>st</sup> and 2<sup>nd</sup>, more pictorial elaborations but in class 3<sup>rd</sup>, more emphasis is given on writing skills. So, there should be need based pedagogical practices for class 3<sup>rd</sup> students. Same is noticed in class 5<sup>th</sup> to class 6<sup>th</sup>, which may be due to change in schools, teachers and shift from state specific syllabus to NCERT books. In English, a big dip in performance level of students of class 3<sup>rd</sup> and 4<sup>th</sup> has been noticed, so, syllabus of August month in test books of English should be reviewed. In EVS also, there is decline in performance level of students from class 4<sup>th</sup> to 5<sup>th</sup>, so, syllabus of August month in test books should be reviewed. District wise performance level of students in Mathematics shows that teachers should give priority to class 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> students so that more than 50% students can achieve more than 50% marks, because as evident from results mentioned in table no. 8 that it is the easiest target to achieve first. In EVS also, in Class 5<sup>th</sup>, with little efforts more than 50% students can achieve 50% marks (Table 9).