



# NAS 2017

## NATIONAL ACHIEVEMENT SURVEY

### Class : 3, 5 and 8

# District Report

## KARIMNAGAR, TELANGANA



The National Achievement Survey (NAS) conducted throughout the country on November 13, 2017 for Classes 3, 5 and 8 in government and government aided schools. The survey tools used multiple test booklets with 45 questions in Classes III and V and 60 questions in Class VIII in Mathematics, Language, Sciences and Social Sciences. The competency based test questions developed reflected the Learning Outcomes developed by the NCERT which were recently incorporated in the RTE Act by the Government of India. Along with the test items, questionnaires pertaining to students, teachers and schools were also used.

The learning levels of 2.2 million students from 1,10,000 schools across 701 districts in all 36 States/UTs were assessed of which 2045 students and 160 schools are from Karimnagar district. The findings of the survey, will help to guide education policy, planning and implementation at national, state, district and classroom levels for improving learning levels of children and bringing about qualitative improvements.



EDUCATIONAL SURVEY DIVISION  
राष्ट्रीय शैक्षिक अनुसंधान और प्रशिक्षण परिषद्  
National Council of Educational Research and Training  
Sri Aurobindo Marg, New Delhi - 110016










District Report Card: 2017	
<b>State:</b> Telangana	<b>District:</b> Karimnagar
<b>Class:</b> 3	<b>Subject:</b> EVS
<b>Schools:</b> 51	<b>Students:</b> 636

### Participation/Coverage

#### Students

<b>GENDER</b> 	Boys		Girls					
	Number	%	Number	%				
	319	50.16	317	49.84				
<b>AREA</b> 	Rural		Urban					
	Number	%	Number	%				
	453	71.23	183	28.77				
<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	188	29.56	19	2.99	361	56.76	68	10.69
<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth		
	0	1	0	2	1	7		
<b>Management</b> 	Government		Government-aided					
	Number	%	Number	%				
	610	95.91	26	4.09				

### Average Performance of Students in EVS (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>65.48</b>	<b>67.21</b>	<b>63.74</b>	<b>67.14</b>	<b>61.38</b>	<b>65.55</b>	<b>63.85</b>	<b>67.73</b>	<b>61.75</b>	<b>66.54</b>	<b>54.71</b>

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
E302	Identifies simple features (e.g. movement, at places found/ kept, eating habits, sounds) of animals and birds in the immediate surroundings.	48.43
E303	Identifies relationships with and among family members	66.77
E304	Identifies objects, signs (vessels, stoves, transport, means of communication, transport, signboards etc.), places (types of houses/shelters, bus stand, petrol pump etc.) activities (works people do, cooking processes, etc.) at home/school/neighborhoods	65.73
E305	Describes need of food for people of different age groups, animals/birds, availability of food and water and use of water at home and surroundings	76.18
E307	Groups objects, birds, animals, features, activities according to differences/similarities using different senses. (e.g. appearance/place of living/ food/ movement/ likes-dislikes/ any other features)	65.85
E309	Identifies directions, location of objects/places in simple maps using signs/symbols/verbally	55.42
E310	Guesses properties, estimates quantities of materials/activities in daily life and verifies using symbols/non-standard units	65.72
E311	Records observations, experiences, information on objects/activities/places visited in different ways and predicts patterns etc.	58.81
E313	Observes rules in games (local, indoor, outdoor)	44.09
E314	Voices opinion on good/bad touch , stereotypes for tasks/play/food in family w.r.t gender, misuse/wastage of food and water in family and school.	80.35

### Range of Performance of Students who Answered Correctly

Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
41	6.45	113	17.77	258	40.57	224	35.22

### Lowest Performing Learning Outcomes (LOs)

1 - Observes rules in games (local, indoor, outdoor) (44.09)

2 - Identifies simple features (e.g. movement, at places found/ kept, eating habits, sounds) of animals and birds in the immediate surroundings. (48.43)

3 - Identifies directions, location of objects/places in simple maps using signs/symbols/verbally (55.42)






4 - Records observations, experiences, information on objects/activities/places visited in different ways and predicts patterns etc. (58.81)

5 - Guesses properties, estimates quantities of materials/activities in daily life and verifies using symbols/non-standard units (65.72)

District Report Card: 2017	
<b>State:</b> Telangana	<b>District:</b> Karimnagar
<b>Class:</b> 3	<b>Subject:</b> Language
<b>Schools:</b> 51	<b>Students:</b> 636

### Participation/Coverage

#### Students

<b>GENDER</b> 	Boys		Girls					
	Number	%	Number	%				
	319	50.16	317	49.84				
<b>AREA</b> 	Rural		Urban					
	Number	%	Number	%				
	453	71.23	183	28.77				
<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	188	29.56	19	2.99	361	56.76	68	10.69
<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth		
	0	1	0	2	1	7		
<b>Management</b> 	Government		Government-aided					
	Number	%	Number	%				
	610	95.91	26	4.09				

### Average Performance of Students in Language (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>63.11</b>	<b>64.87</b>	<b>61.35</b>	<b>65.31</b>	<b>57.67</b>	<b>62.81</b>	<b>70.26</b>	<b>67.27</b>	<b>57.19</b>	<b>63.75</b>	<b>49.90</b>

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
L304	Reads small texts with comprehension i.e., identifies main ideas, details, sequence and draws conclusions	63.36
L312	Reads printed scripts on the classroom walls: poems, posters, charts etc.	62.61

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
59	9.28	115	18.08	254	39.94	208	32.70


### Lowest Performing Learning Outcomes (LOs)


- 1 - Reads printed scripts on the classroom walls: poems, posters, charts etc. (62.61)
- 2 - Reads small texts with comprehension i.e., identifies main ideas, details, sequence and draws conclusions (63.36)


District Report Card: 2017	
<b>State:</b> Telangana	<b>District:</b> Karimnagar
<b>Class:</b> 3	<b>Subject:</b> Mathematics
<b>Schools:</b> 51	<b>Students:</b> 636


### Participation/Coverage


#### Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	319	50.16	317	49.84

AREA 	Rural		Urban	
	Number	%	Number	%
	453	71.23	183	28.77

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	188	29.56	19	2.99	361	56.76	68	10.69

CWSN 	LD	VI	HI	S&LD	ID	Oth
	0	1	0	2	1	7

Management 	Government		Government-aided	
	Number	%	Number	%
	610	95.91	26	4.09

### Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>63.88</b>	<b>64.72</b>	<b>63.03</b>	<b>66.48</b>	<b>57.45</b>	<b>64.21</b>	<b>56.15</b>	<b>67.52</b>	<b>66.67</b>	<b>64.01</b>	<b>52.35</b>

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M301	Reads and writes numbers up to 999 using place value	60.84
M302	Compares numbers up to 999 based on their place values	70.13
M303	Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping	60.38
M304	Constructs and uses the multiplication facts (up till 10) in daily life situations	60.22
M305	Analyses and applies an appropriate number operation in the situation/ context	61.01
M306	Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction	61.48
M309	Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc.	83.77
M311	Fills a given region leaving no gaps using a tile of a given shape	47.06
M312	Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships	43.77
M317	Reads the time correctly to the hour using a clock/watch	58.96
M318	Extends patterns in simple shapes and numbers	61.09
M319	Records data using tally marks, represents pictorially and draws conclusions	81.29

### Range of Performance of Students who Answered Correctly

Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
39	6.13	143	22.48	246	38.68	208	32.70

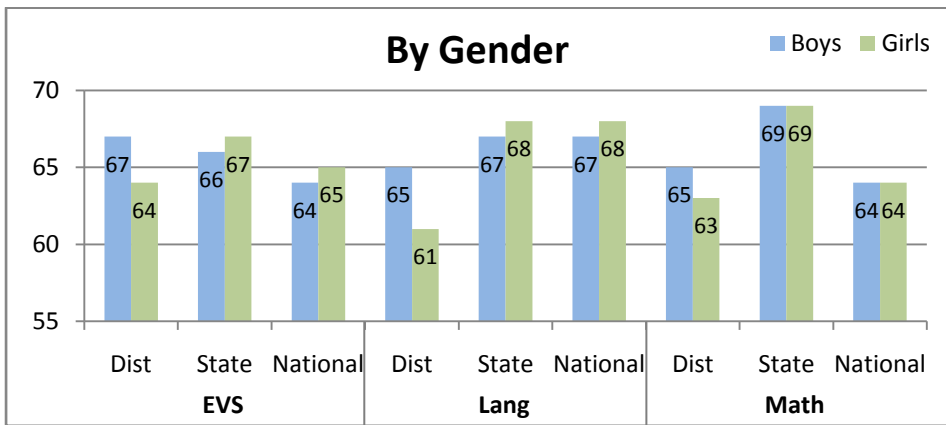
### Lowest Performing Learning Outcomes (LOs)

- 1 - Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships (43.77)
- 2 - Fills a given region leaving no gaps using a tile of a given shape (47.06)
- 3 - Reads the time correctly to the hour using a clock/watch (58.96)
- 4 - Constructs and uses the multiplication facts (up till 10) in daily life situations (60.22)
- 5 - Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping (60.38)

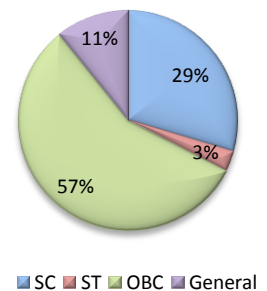
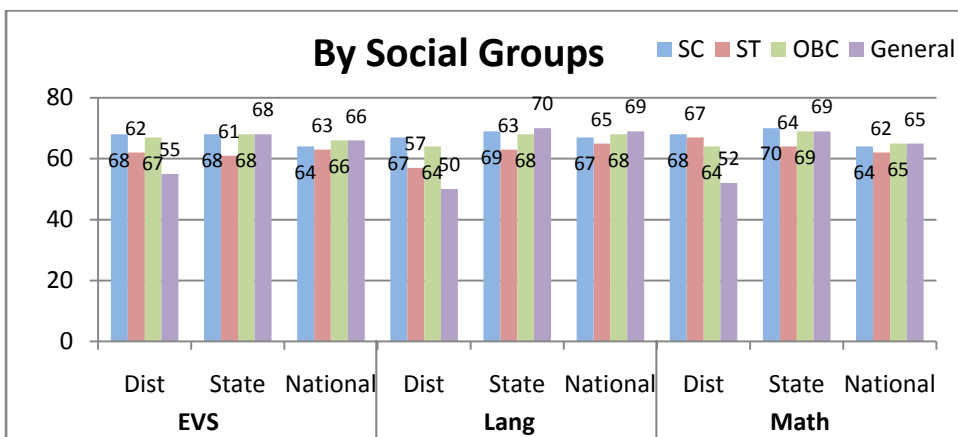
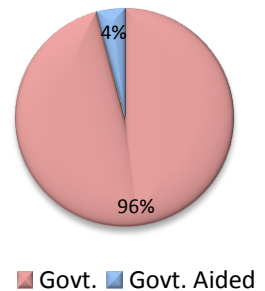
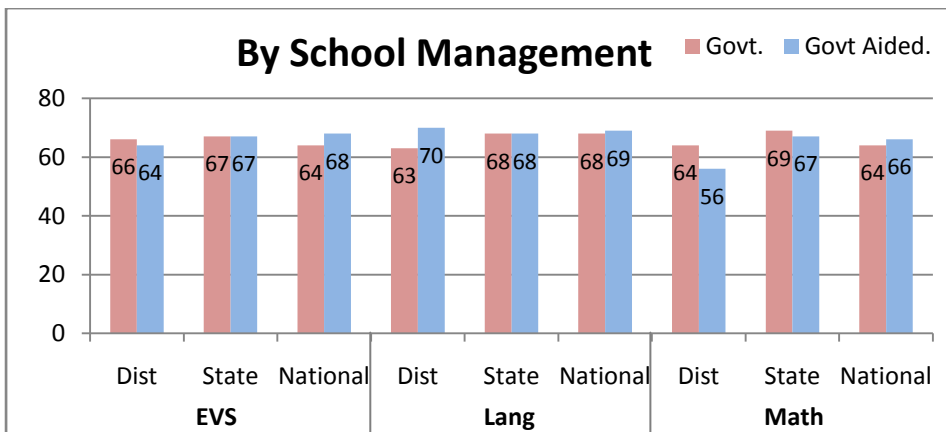
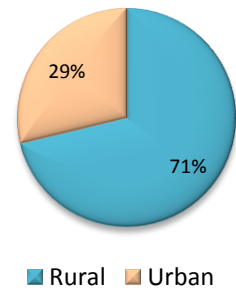
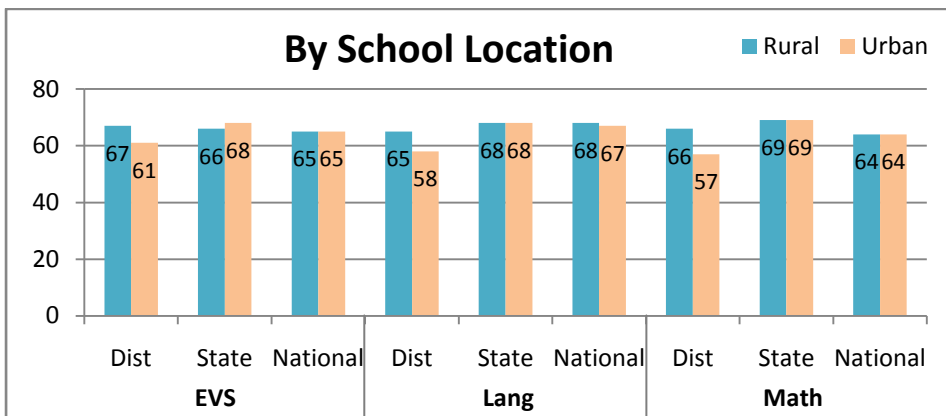
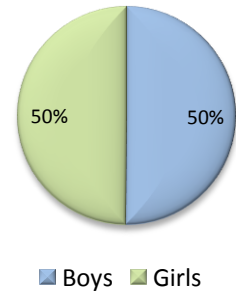


# Class 3 District Results by Student Groups

## Performance








## Participation



District Report Card: 2017	
<b>State:</b> Telangana	<b>District:</b> Karimnagar
<b>Class:</b> 5	<b>Subject:</b> EVS
<b>Schools:</b> 58	<b>Students:</b> 807

### Participation/Coverage

#### Students

<b>GENDER</b> 	Boys		Girls					
	Number	%	Number	%				
	399	49.44	408	50.56				
<b>AREA</b> 	Rural		Urban					
	Number	%	Number	%				
	564	69.89	243	30.11				
<b>CATEGORY</b> 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	249	30.86	49	6.07	438	54.28	71	8.80
<b>CWSN</b> 	LD	VI	HI	S&LD	ID	Oth		
	1	0	0	2	2	8		
<b>Management</b> 	Government		Government-aided					
	Number	%	Number	%				
	775	96.03	32	3.97				

### Average Performance of Students in EVS (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>54.17</b>	<b>53.82</b>	<b>54.51</b>	<b>55.38</b>	<b>51.36</b>	<b>54.41</b>	<b>48.33</b>	<b>52.10</b>	<b>52.52</b>	<b>57.08</b>	<b>44.60</b>

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
E403	Identifies relationship with and among family members in extended family	64.82
E410	Records observations/experiences/information for objects, activities, phenomena, places visited in different ways and predicts patterns and activities/ phenomena	64.55
E501	Explains the super senses and unusual features (sight, smell, hear, sleep, sound, etc.) of animals and their responses to light, sound, food etc.	41.76
E503	Describes the interdependence among animals, plants and humans	42.87
E504	Explains the role and functions of different institutions in daily life (Bank, Panchayat, cooperatives, police station, etc.)	66.85
E505	Establishes linkages among terrain, climate, resources (food, water, shelter, livelihood) and cultural life. (e.g. life in distant/difficult areas like hot/cold deserts)	33.74
E506	Groups objects, materials, activities for features/properties such as shape, taste, color , texture, sound, traits etc.	37.41
E507	Traces the changes in practices, customs, techniques of past and present through coins, paintings, monuments, museum etc. and interacting with elders	59.05
E508	Guesses (properties, conditions of phenomena), estimates spatial quantities (distance, area, volume, weight etc. ) and time in simple standard units and verifies using simple tools/set ups	51.56
E509	Records observations/experiences/information in an organized manner (e.g. in tables/ sketches/ bar graphs/ pie charts) and predicts patterns in activities/phenomena (e.g. floating, sinking, mixing, evaporation , germination , spoilage) to establish relation between cause and effect.	55.20
E510	Identifies signs, directions, location of different objects/landmarks of a locality /place visited in maps and predicts directions w.r.t. positions at different places for a location	56.53
E512	Voices opinions on issues observed/experienced and relates practices /happenings to larger issues of society	45.23
E513	Suggests ways for hygiene, health, managing waste, disaster/emergency situations and protecting/saving resources	61.24

### Range of Performance of Students who Answered Correctly

Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
143	17.72	223	27.63	282	34.94	159	19.70


### Lowest Performing Learning Outcomes (LOs)


- 1 - Establishes linkages among terrain, climate, resources (food, water, shelter, livelihood) and cultural life. (e.g. life in distant/difficult areas like hot/cold deserts) (33.74)
- 2 - Groups objects, materials, activities for features/properties such as shape, taste, color , texture, sound, traits etc. (37.41)
- 3 - Explains the super senses and unusual features (sight, smell, hear, sleep, sound, etc.) of animals and their responses to light, sound, food etc. (41.76)
- 4 - Describes the interdependence among animals, plants and humans (42.87)
- 5 - Voices opinions on issues observed/experienced and relates practices /happenings to larger issues of society (45.23)


District Report Card: 2017	
<b>State:</b> Telangana	<b>District:</b> Karimnagar
<b>Class:</b> 5	<b>Subject:</b> Language
<b>Schools:</b> 58	<b>Students:</b> 807


### Participation/Coverage


#### Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	399	49.44	408	50.56

 AREA	Rural		Urban	
	Number	%	Number	%
	564	69.89	243	30.11

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	249	30.86	49	6.07	438	54.28	71	8.80

 CWSN	LD	VI	HI	S&LD	ID	Oth
	1	0	0	2	2	8

 Management	Government		Government-aided	
	Number	%	Number	%
	775	96.03	32	3.97

### Average Performance of Students in Language (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>57.78</b>	<b>55.52</b>	<b>59.98</b>	<b>58.51</b>	<b>56.08</b>	<b>57.91</b>	<b>54.58</b>	<b>56.09</b>	<b>53.47</b>	<b>60.32</b>	<b>50.99</b>

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
L504	Reads and comprehends independently storybooks, news items/ headlines, advertisements etc.	57.84
L508	Reads text with comprehension, locates details and sequence of events	57.74

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
98	12.14	207	25.65	309	38.29	193	23.92


### Lowest Performing Learning Outcomes (LOs)


- 1 - Reads text with comprehension, locates details and sequence of events (57.74)
- 2 - Reads and comprehends independently storybooks, news items/ headlines, advertisements etc. (57.84)


District Report Card: 2017	
<b>State:</b> Telangana	<b>District:</b> Karimnagar
<b>Class:</b> 5	<b>Subject:</b> Mathematics
<b>Schools:</b> 58	<b>Students:</b> 807


### Participation/Coverage


#### Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	399	49.44	408	50.56

 AREA	Rural		Urban	
	Number	%	Number	%
	564	69.89	243	30.11

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	249	30.86	49	6.07	438	54.28	71	8.80

 CWSN	LD	VI	HI	S&LD	ID	Oth
	1	0	0	2	2	8

 Management	Government		Government-aided	
	Number	%	Number	%
	775	96.03	32	3.97

### Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
56.60	54.57	58.59	59.44	50.01	57.11	44.38	55.48	50.20	60.11	43.38

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	55.39
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	54.77
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	64.56
M421	Represent the collected information in tables and bar graphs and draws inferences from these	70.01
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	62.83
M504	Estimates sum, difference, product and quotient of numbers and verifies the same using different strategies like using standard algorithms or breaking a number and then using operation	58.54
M505	Finds the number corresponding to part of a collection	58.34
M506	Identifies and forms equivalent fractions of a given fraction	50.68
M508	Converts fractions into decimals and vice versa	57.46
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	51.12
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	54.77
M513	Estimates the volume of a solid body in known units.	54.03
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	48.15
M515	Identifies the pattern in triangular numbers and square number	53.04
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	72.11

### Range of Performance of Students who Answered Correctly

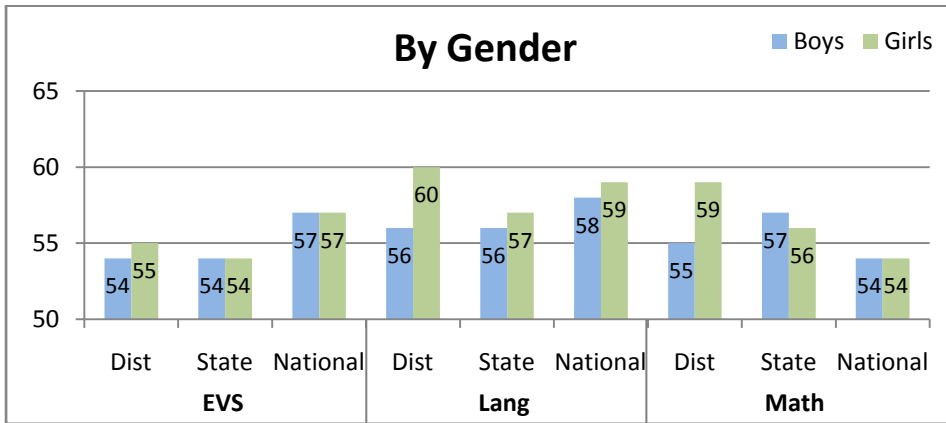
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
111	13.75	218	27.01	279	34.57	199	24.66

### Lowest Performing Learning Outcomes (LOs)

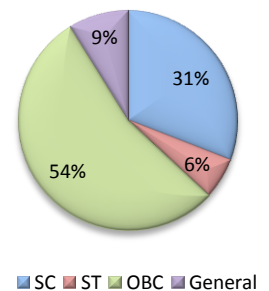
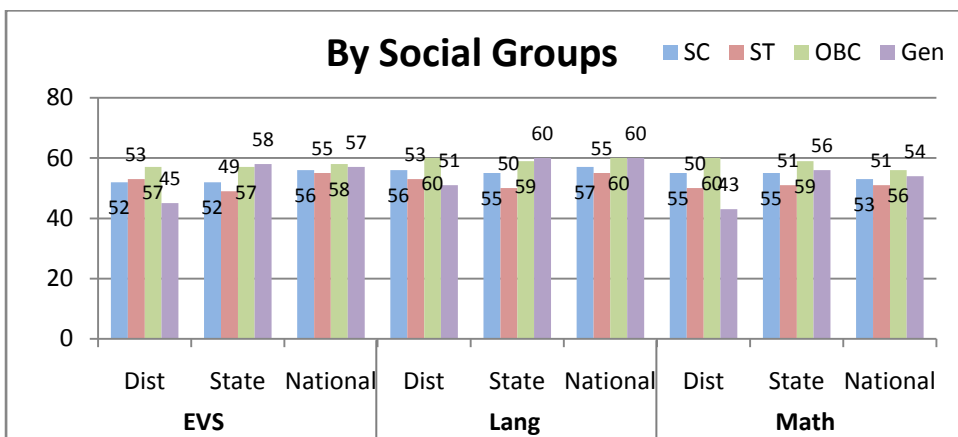
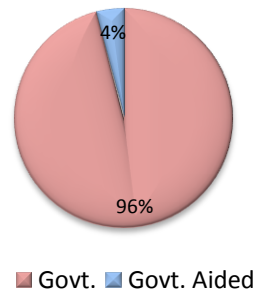
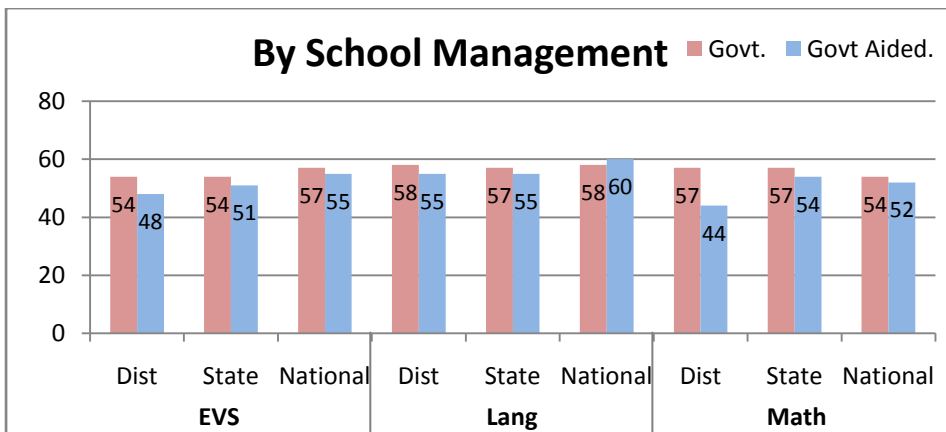
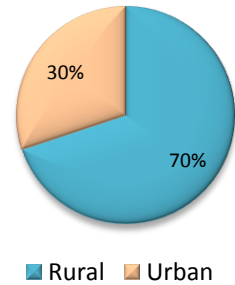
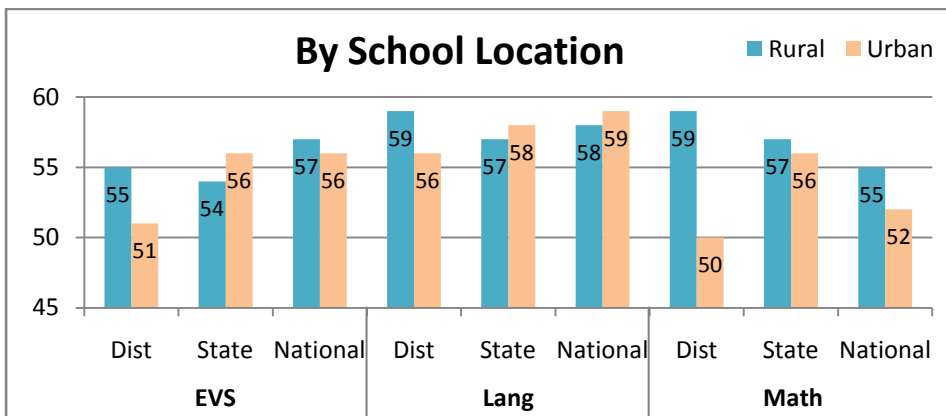
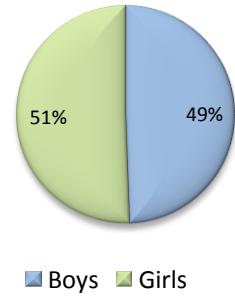
- 1 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (48.15)
- 2 - Identifies and forms equivalent fractions of a given fraction (50.68)
- 3 - Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing (51.12)
- 4 - Identifies the pattern in triangular numbers and square number (53.04)
- 5 - Estimates the volume of a solid body in known units. (54.03)

# Class 5 District Results by Student Groups

## Performance



## Participation








District Report Card: 2017	
<b>State:</b> Telangana	<b>District:</b> KARIMNAGAR
<b>Class:</b> 8	<b>Subject:</b> Language
<b>Schools:</b> 51	<b>Students:</b> 962

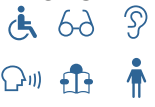
### Participation/Coverage


#### Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	456	47.40	506	52.60

 AREA	Rural		Urban	
	Number	%	Number	%
	790	82.12	172	17.88

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	327	33.99	35	3.64	559	58.11	41	4.26

 CWSN	LD	VI	HI	S&LD	ID	Oth
	1	3	0	1	0	30

 MANAGEMENT	Government		Government-aided	
	Number	%	Number	%
	909	94.49	53	5.51

### Average Performance of Students in Language (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>55.22</b>	<b>53.11</b>	<b>57.11</b>	<b>55.81</b>	<b>52.52</b>	<b>54.70</b>	<b>64.03</b>	<b>53.66</b>	<b>48.95</b>	<b>56.51</b>	<b>55.45</b>

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
L813	Read textual/non-textual materials with comprehension and identifies the details, characters, main idea and sequence of ideas and events while reading	55.22

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
140	14.55	232	24.12	432	44.91	158	16.42

### Lowest Performing Learning Outcomes (LOs)


1 - Read textual/non-textual materials with comprehension and identifies the details, characters, main idea and sequence of ideas and events while reading (55.22)


**CSWN:** **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment;  
**S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.


District Report Card: 2017			
<b>State:</b> Telangana		<b>District:</b> KARIMNAGAR	
<b>Class:</b> 8		<b>Subject:</b> Mathematics	
<b>Schools:</b> 51		<b>Students:</b> 962	


### Participation/Coverage


#### Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	456	47.40	506	52.60

AREA 	Rural		Urban	
	Number	%	Number	%
	790	82.12	172	17.88

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	327	33.99	35	3.64	559	58.11	41	4.26

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	3	0	1	0	30

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	909	94.49	53	5.51

### Average Performance of Students in EVS (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>35.87</b>	<b>35.09</b>	<b>36.57</b>	<b>37.08</b>	<b>30.31</b>	<b>35.75</b>	<b>37.86</b>	<b>33.15</b>	<b>27.81</b>	<b>37.92</b>	<b>36.42</b>

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	34.37
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	32.09
M620	Finds out the perimeter and area of rectangular objects in the surroundings like floor of the class room, surfaces of a chalk box etc.	33.84
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	36.65
M702	Interprets the division and multiplication of fractions	34.10
M705	Solves problems related to daily life situations involving rational numbers	38.57
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers.	28.39
M707	Adds/subtracts algebraic expressions	30.87
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	23.59
M717	Finds out approximate area of closed shapes by using unit square grid/ graph sheet	35.40
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	46.15
M721	Interprets data using bar graph such as consumption of electricity is more in winters than summer	47.39
M801	Generalises properties of addition, subtraction, multiplication and division of rational numbers through patterns	26.93
M802	Finds rational numbers between two given rational numbers	35.28
M803	Proves divisibility rules of 2, 3,4, 5, 6, 9 and 11	46.58
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods.	35.91
M808	Use various algebraic identities in solving problems of daily life.	50.73
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	31.29
M818	Finds surface area and volume of cuboidal and cylindrical object	34.24
M819	Draws and interprets bar charts and pie charts	33.58

### Range of Performance of Students who Answered Correctly

Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
402	41.79	363	37.73	155	16.11	42	4.37

## Lowest Performing Learning Outcomes (LOs)


1. Solves problems related to conversion of percentage to fraction and decimal and vice versa (23.59)
2. Generalises properties of addition, subtraction, multiplication and division of rational numbers through patterns (26.93)
3. Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers. (28.39)
4. Adds/subtracts algebraic expressions (30.87)
5. Verifies properties of parallelogram and establishes the relationship between them through reasoning (31.29)


**CSWN:** **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment;  
**S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.


District Report Card: 2017			
<b>State:</b> Telangana		<b>District:</b> KARIMNAGAR	
<b>Class:</b> 8		<b>Subject:</b> Science	
<b>Schools:</b> 51		<b>Students:</b> 962	


### Participation/Coverage


#### Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	456	47.40	506	52.60

AREA 	Rural		Urban	
	Number	%	Number	%
	790	82.12	172	17.88

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	327	33.99	35	3.64	559	58.11	41	4.26

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	3	0	1	0	30

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	909	94.49	53	5.51

### Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>37.60</b>	<b>38.38</b>	<b>36.89</b>	<b>38.83</b>	<b>31.94</b>	<b>37.79</b>	<b>34.34</b>	<b>35.96</b>	<b>31.81</b>	<b>38.95</b>	<b>37.07</b>

## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	39.03
SCI704	Conducts simple investigation to seek answers to queries	24.48
SCI705	Relates processes and phenomenon with causes	45.34
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	33.99
SCI710	Plots and interprets graphs	34.99
SCI711	Constructs models using materials from surroundings and explains their working	34.37
SCI801	Differentiates materials, organism and processes	34.16
SCI804	Relates processes and phenomenon with causes	45.76
SCI805	Explains processes and phenomenon	36.38
SCI807	Measures angles of incidence and reflection, etc.	35.03
SCI811	Applies learning of scientific concepts in day-to-day life	42.33
SCI813	Makes efforts to protect environment	52.81

### Range of Performance of Students who Answered Correctly

Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
375	38.98	366	38.05	183	19.02	38	3.95


### Lowest Performing Learning Outcomes (LOs)


1. Conducts simple investigation to seek answers to queries (24.48)
2. Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc (33.99)
3. Differentiates materials, organism and processes (34.16)
4. Constructs models using materials from surroundings and explains their working (34.37)
5. Plots and interprets graphs (34.99)


District Report Card: 2017			
<b>State:</b> Telangana		<b>District:</b> KARIMNAGAR	
<b>Class:</b> 8		<b>Subject:</b> Social Science	
<b>Schools:</b> 51		<b>Students:</b> 962	


### Participation/Coverage


#### Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	456	47.40	506	52.60

AREA 	Rural		Urban	
	Number	%	Number	%
	790	82.12	172	17.88

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	327	33.99	35	3.64	559	58.11	41	4.26

CWSN 	LD	VI	HI	S&LD	ID	Oth
	1	3	0	1	0	30

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	909	94.49	53	5.51

### Average Performance of Students in SST (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
<b>38.73</b>	<b>37.35</b>	<b>39.97</b>	<b>39.81</b>	<b>33.80</b>	<b>38.94</b>	<b>35.22</b>	<b>36.19</b>	<b>34.86</b>	<b>40.63</b>	<b>36.42</b>



## Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SST605	Identifies latitudes and longitudes, e.g., poles, equator, tropics, States/UTs of India and other neighbouring countries on globe and the world map	58.94
SST610	Locates important historical sites, places on an outline map of India	23.38
SST625	Describes the functioning of rural and urban local government bodies in sectors like health and education	36.33
SST703	Explains preventive actions to be undertaken in the event of disasters	41.37
SST704	Describes formation of landforms due to various factors	37.37
SST722	Explains the significance of equality in democracy	30.43
SST726	Describes the process of election to the legislative assembly	50.72
SST731	Explains the functioning of media with appropriate examples from newspapers.	39.75
SST733	Differentiates between different kinds of markets	49.48
SST734	Traces how goods travel through various market places.	45.76
SST802	Describes major crops, types of farming and agricultural practices in her/his own area/state	53.85
SST805	Locates distribution of important minerals e.g. coal and mineral oil on the world map	40.37
SST807	Justifies judicious use of natural resources	45.30
SST809	Draws interrelationship between types of farming and development in different regions of the world	31.06
SST810	Distinguishes the modern period from the medieval and the ancient periods through the use of sources	42.03
SST815	Explains the origin, nature and spread of the revolt of 1857 and the lessons learned from it	34.03
SST816	Analyses the decline of pre-existing urban centers and handicraft industries and the development of new urban centers and industries in India during the colonial period	28.59
SST818	Analyses the issues related to caste, women, widow remarriage, child marriage, social reforms and the laws and policies of colonial administration towards these issues	24.22
SST823	Applies the knowledge of the Fundamental Rights to find out about their violation, protection and promotion in a given situation	22.25
SST827	Describes the process of making a law. (e.g. Domestic Violence Act, RTI Act, RTE Act)	35.91
SST831	Identifies the role of Government in providing public facilities such as water, sanitation, road, electricity etc., and recognizes their availability	29.73
SST833	Draws bar diagram to show population of different countries/India/states	65.63

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
337	35.03	394	40.96	181	18.81	50	5.20

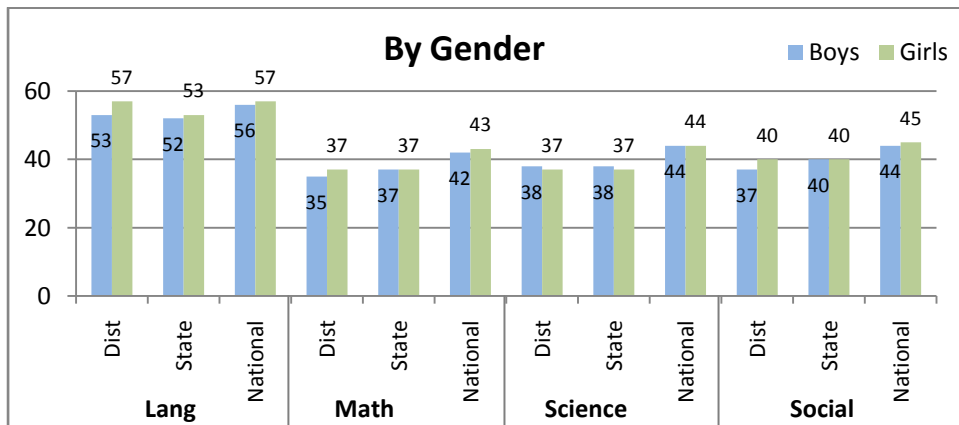
### Lowest Performing Learning Outcomes (LOs)

1. Applies the knowledge of the Fundamental Rights to find out about their violation, protection and promotion in a given situation (22.25)
2. Locates important historical sites, places on an outline map of India (23.38)
3. Analyses the issues related to caste, women, widow remarriage, child marriage, social reforms and the laws and policies of colonial administration towards these issues (24.22)
4. Analyses the decline of pre-existing urban centers and handicraft industries and the development of new urban centers and industries in India during the colonial period (28.59)
5. Identifies the role of Government in providing public facilities such as water, sanitation, road, electricity etc., and recognizes their availability (29.73)

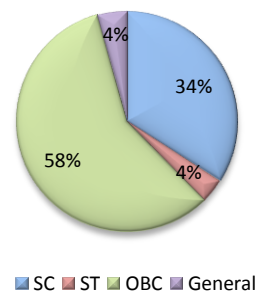
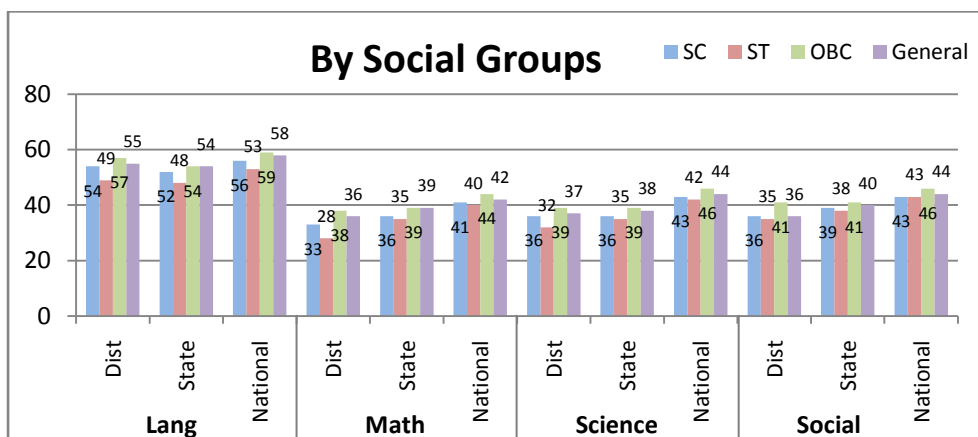
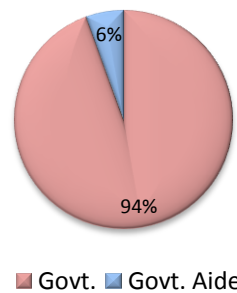
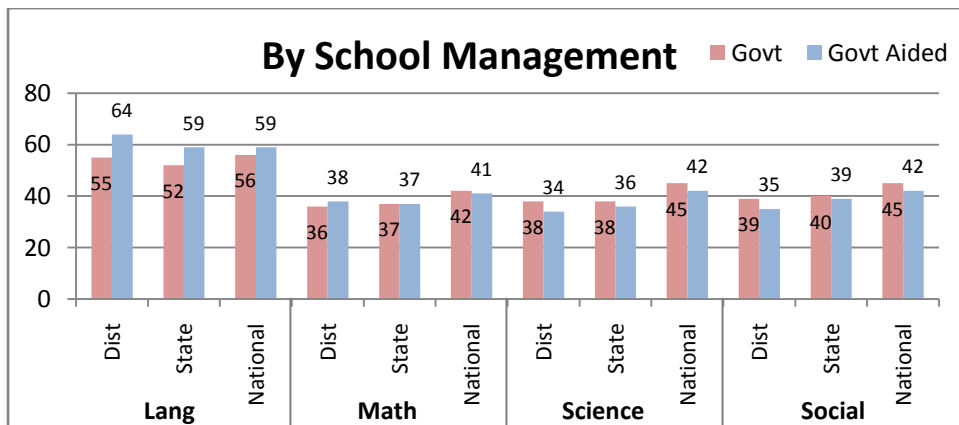
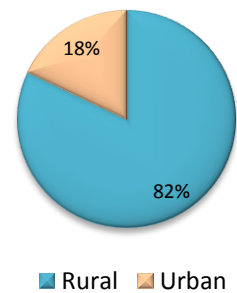
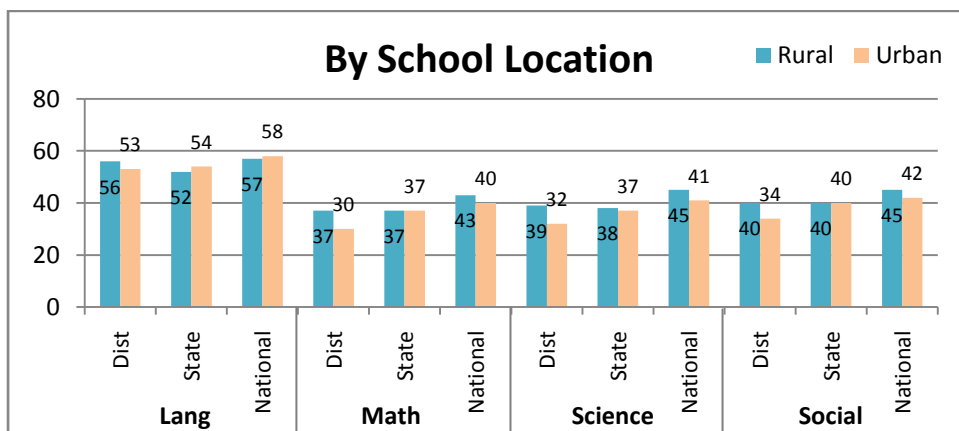
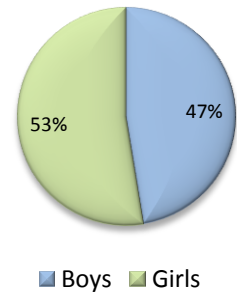
**CSWN:** **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment;  
**S&LD-** Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.

# Class 8 District Results by Student Groups

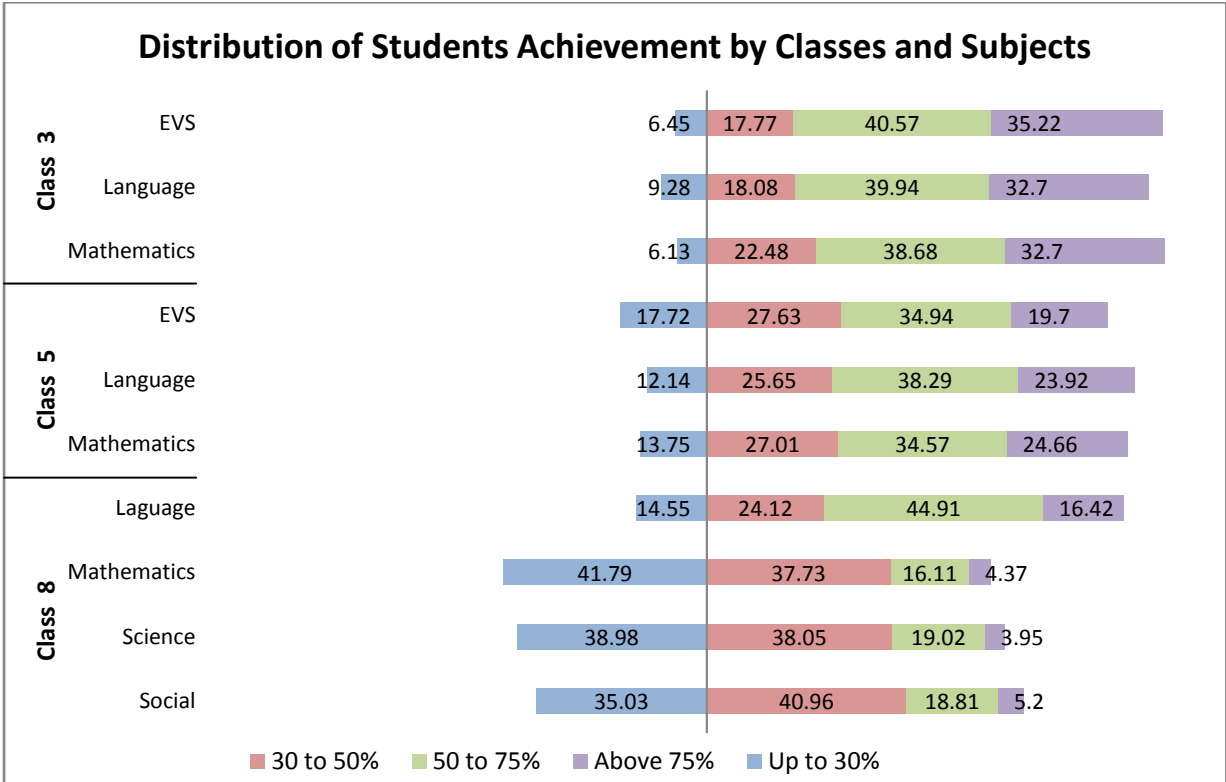
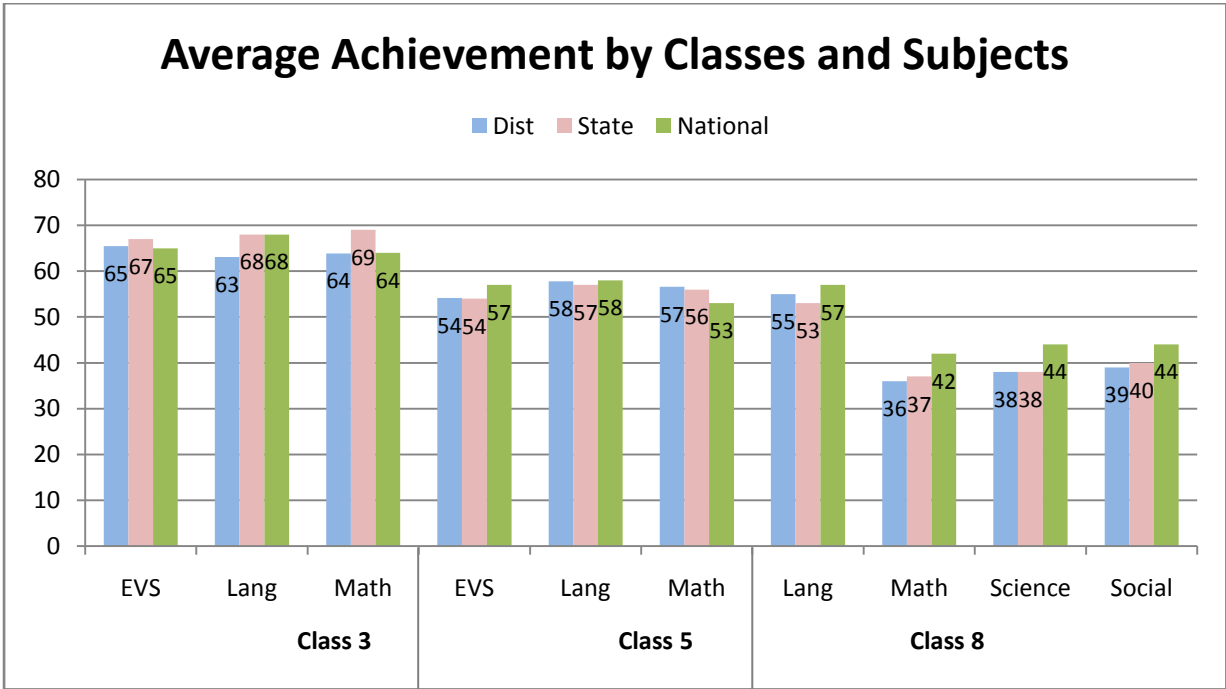
## Performance



## Participation



# KARIMNAGAR



## By Gender

In our district, we stood first in  
Class 3: EVS, Language & Math  
Class 5:  
Class 8: Science

In our district, we stood first in  
Class 3:  
Class 5: EVS, Language & Math  
Class 8: Language, Math & Social



## By School Location

### Rural Area



Performed better in

**Class 3: EVS, Language & Math**  
**Class 5: EVS, Language & Math**  
**Class 8: Language, Math, Science & Social**

### Urban Area



Performed better in

**Class 3:**  
**Class 5:**  
**Class 8:**

## By School Management

### Government



Performed better in

**Class 3: EVS & Math**

**Class 5: EVS, Language & Math**

**Class 8: Science & Social**

### Government Aided



Performed better in

**Class 3: Language**

**Class 5:**

**Class 8: Language & Math**

## By Social Groups

### SC



First in

**Class 3: Language, EVS & Math**

**Class 5:**

**Class 8:**

### ST



First in

**Class 3:**

**Class 5:**

**Class 8:**

### OBC



First in

**Class 3:**

**Class 5: EVS, Language & Math**

**Class 8: Language, Math, Science & Social**

### General



First in

**Class 3:**

**Class 5:**

**Class 8:**

**Learning Outcomes on Which Performance was Below 50% Indicating Need to Strengthen Teachers**

**KARIMNAGAR**

<b>Class</b>	<b>Subject</b>	<b>Learning Outcome</b>
Class 3	Language	Nil
	EVS	E302, E313
	Mathematics	M311, M312
Class 5	Language	Nil
	EVS	E501, E503, E505, E506, E512
	Mathematics	M514
Class 8	Language	Nil
	Mathematics	M601, M606, M620, M621, M705, M706, M707, M710, M717, M719, M721, M801, M802, M803, M804, M812, M818, M819
	Science	SCI703, SCI704, SCI705, SCI708, SCI710, SCI711, SCI801, SCI804, SCI805, SCI807, SCI811
	Social Studies	SST610, SST625, SST703, SST704, SST722, SST731, SST733, SST734, SST805, SST807, SST809, SST810, SST815, SST816, SST818, SST823, SST827, SST831