



NAS 2017

NATIONAL ACHIEVEMENT SURVEY

Class : 3, 5 and 8

District Report

JAGITYAL, 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 2816 students and 169 schools are from Jagityal 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	
State: Telangana	District: Jagtial
Class: 3	Subject: EVS
Schools: 59	Students: 809


Participation/Coverage


Students

 GENDER	Boys		Girls	
	Number	%	Number	%
	396	48.95	413	51.05

 AREA	Rural		Urban	
	Number	%	Number	%
	640	79.11	169	20.89

 CATEGORY	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	199	24.60	56	6.92	484	59.83	70	8.65

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

 Management	Government		Government-aided	
	Number	%	Number	%
	809	100.00	0	0.00

Average Performance of Students in EVS (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
64.79	67.58	62.11	66.96	56.57	64.79	0.00	72.09	42.62	63.97	67.43

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.	55.62
E303	Identifies relationships with and among family members	61.42
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	64.49
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	75.15
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)	66.46
E309	Identifies directions, location of objects/places in simple maps using signs/symbols/verbally	57.59
E310	Guesses properties, estimates quantities of materials/activities in daily life and verifies using symbols/non-standard units	67.00
E311	Records observations, experiences, information on objects/activities/places visited in different ways and predicts patterns etc.	59.21
E313	Observes rules in games (local, indoor, outdoor)	32.99
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.	73.67

Range of Performance of Students who Answered Correctly

Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
78	9.64	151	18.67	279	34.49	301	37.21






Lowest Performing Learning Outcomes (LOs)

- 1 - Observes rules in games (local, indoor, outdoor) (32.99)
- 2 - Identifies simple features (e.g. movement, at places found/ kept, eating habits, sounds) of animals and birds in the immediate surroundings. (55.62)
- 3 - Identifies directions, location of objects/places in simple maps using signs/symbols/verbally (57.59)
- 4 - Records observations, experiences, information on objects/activities/places visited in different ways and predicts patterns etc. (59.21)
- 5 - Identifies relationships with and among family members (61.42)

District Report Card: 2017			
State: Telangana		District: Jagtial	
Class: 3		Subject: Language	
Schools: 59		Students: 809	

Participation/Coverage

Students

GENDER 	Boys				Girls			
	Number		%		Number		%	
	396		48.95		413		51.05	
AREA 	Rural				Urban			
	Number		%		Number		%	
	640		79.11		169		20.89	
CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	199	24.60	56	6.92	484	59.83	70	8.65
CWSN 	LD	VI	HI	S&LD	ID	Oth		
	1	0	0	3	3	1		
Management 	Government				Government-aided			
	Number		%		Number		%	
	809		100.00		0		0.00	

Average Performance of Students in Language (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
62.10	64.78	59.53	63.97	55.03	62.10	0.00	67.60	46.55	60.81	67.81

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	61.63
L312	Reads printed scripts on the classroom walls: poems, posters, charts etc.	63.04

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
77	9.52	185	22.87	299	36.96	248	30.66






Lowest Performing Learning Outcomes (LOs)

- 1 - Reads small texts with comprehension i.e., identifies main ideas, details, sequence and draws conclusions (61.63)
- 2 - Reads printed scripts on the classroom walls: poems, posters, charts etc. (63.04)

District Report Card: 2017	
State: Telangana	District: Jagtial
Class: 3	Subject: Mathematics
Schools: 59	Students: 809

Participation/Coverage

Students

GENDER 	Boys		Girls					
	Number	%	Number	%				
	396	48.95	413	51.05				
AREA 	Rural		Urban					
	Number	%	Number	%				
	640	79.11	169	20.89				
CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	199	24.60	56	6.92	484	59.83	70	8.65
CWSN 	LD	VI	HI	S&LD	ID	Oth		
	1	0	0	3	3	1		
Management 	Government		Government-aided					
	Number	%	Number	%				
	809	100.00	0	0.00				

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
68.54	71.13	66.05	71.07	58.93	68.54	0.00	72.56	51.79	68.62	69.90

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M301	Reads and writes numbers up to 999 using place value	71.08
M302	Compares numbers up to 999 based on their place values	77.87
M303	Solves simple daily life problems using addition and subtraction of three digit numbers with and without regrouping	67.29
M304	Constructs and uses the multiplication facts (up till 10) in daily life situations	67.24
M305	Analyses and applies an appropriate number operation in the situation/ context	65.14
M306	Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction	68.48
M309	Identifies and makes 2D-shapes by paper folding, paper cutting on the dot grid, using straight lines etc.	85.62
M311	Fills a given region leaving no gaps using a tile of a given shape	54.22
M312	Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships	35.28
M317	Reads the time correctly to the hour using a clock/watch	64.15
M318	Extends patterns in simple shapes and numbers	62.12
M319	Records data using tally marks, represents pictorially and draws conclusions	80.96

Range of Performance of Students who Answered Correctly

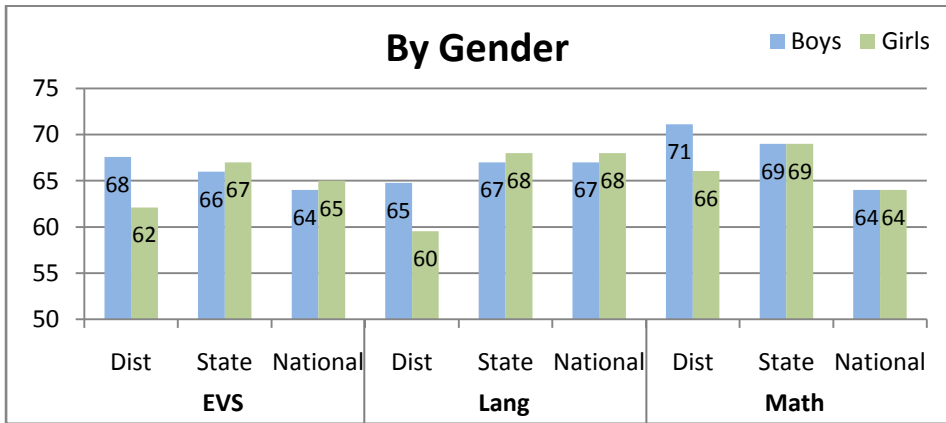
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
50	6.18	131	16.19	285	35.23	343	42.40

Lowest Performing Learning Outcomes (LOs)

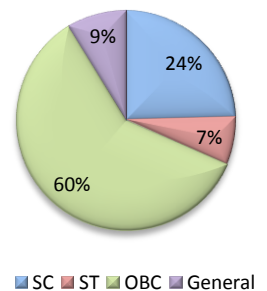
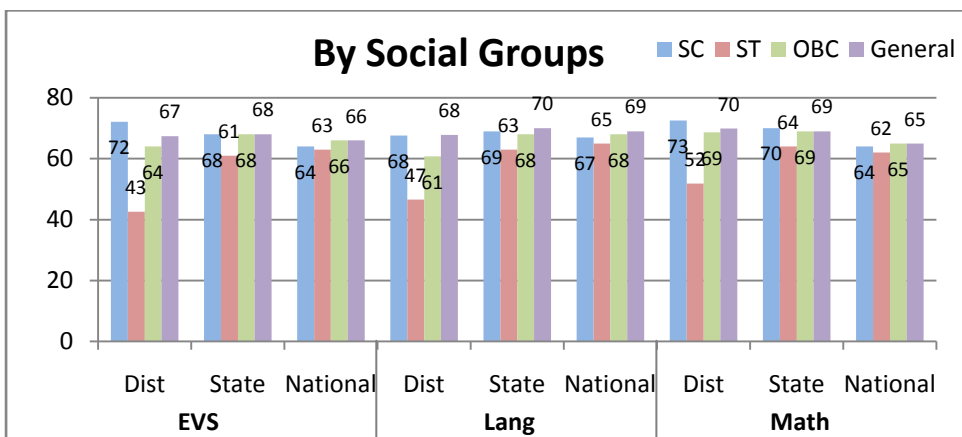
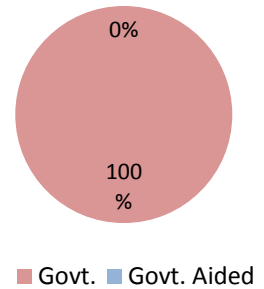
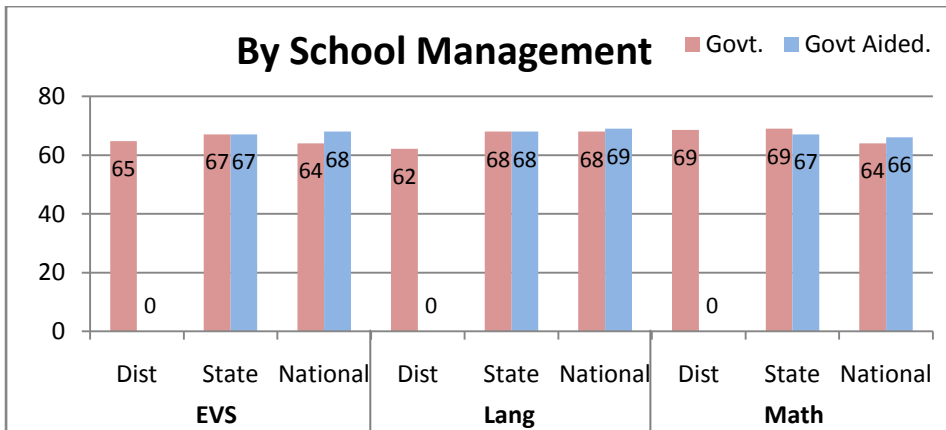
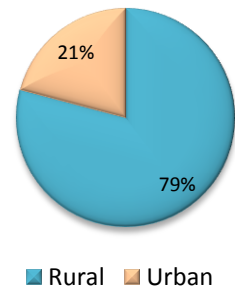
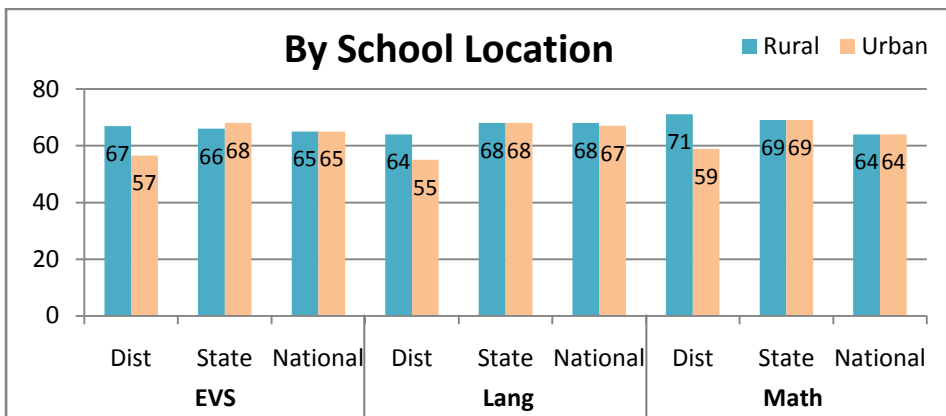
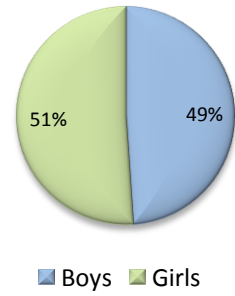
- 1 - Estimates and measures length and distance using standard units like centimeters or meters & identifies relationships (35.28)
- 2 - Fills a given region leaving no gaps using a tile of a given shape (54.22)
- 3 - Extends patterns in simple shapes and numbers (62.12)
- 4 - Reads the time correctly to the hour using a clock/watch (64.15)
- 5 - Analyses and applies an appropriate number operation in the situation/ context (65.14)

Class 3 District Results by Student Groups

Performance








Participation



District Report Card: 2017	
State: Telangana	District: Jagtial
Class: 5	Subject: EVS
Schools: 59	Students: 848

Participation/Coverage

Students

GENDER 	Boys		Girls					
	Number	%	Number	%				
	380	44.81	468	55.19				
AREA 	Rural		Urban					
	Number	%	Number	%				
	723	85.26	125	14.74				
CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	205	24.17	64	7.55	487	57.43	92	10.85
CWSN 	LD	VI	HI	S&LD	ID	Oth		
	2	2	0	0	1	0		
Management 	Government		Government-aided					
	Number	%	Number	%				
	848	100.00	0	0.00				

Average Performance of Students in EVS (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
50.07	49.07	50.88	49.54	53.12	50.07	0.00	49.72	42.71	52.16	44.93

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
E403	Identifies relationship with and among family members in extended family	68.71
E410	Records observations/experiences/information for objects, activities, phenomena, places visited in different ways and predicts patterns and activities/ phenomena	61.70
E501	Explains the super senses and unusual features (sight, smell, hear, sleep, sound, etc.) of animals and their responses to light, sound, food etc.	33.02
E503	Describes the interdependence among animals, plants and humans	43.75
E504	Explains the role and functions of different institutions in daily life (Bank, Panchayat, cooperatives, police station, etc.)	63.33
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)	25.77
E506	Groups objects, materials, activities for features/properties such as shape, taste, color , texture, sound, traits etc.	34.99
E507	Traces the changes in practices, customs, techniques of past and present through coins, paintings, monuments, museum etc. and interacting with elders	57.65
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	40.87
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.	53.38
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	53.65
E512	Voices opinions on issues observed/experienced and relates practices /happenings to larger issues of society	43.03
E513	Suggests ways for hygiene, health, managing waste, disaster/emergency situations and protecting/saving resources	57.19

Range of Performance of Students who Answered Correctly

Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
178	20.99	277	32.67	260	30.66	133	15.68

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) (25.77)

2 - Explains the super senses and unusual features (sight, smell, hear, sleep, sound, etc.) of animals and their responses to light, sound, food etc. (33.02)

3 - Groups objects, materials, activities for features/properties such as shape, taste, color , texture, sound, traits etc. (34.99)






4 - 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 (40.87)

5 - Voices opinions on issues observed/experienced and relates practices /happenings to larger issues of society (43.03)

District Report Card: 2017			
State: Telangana		District: Jagtial	
Class: 5		Subject: Language	
Schools: 59		Students: 848	

Participation/Coverage

Students

GENDER 	Boys				Girls			
	Number		%		Number		%	
	380		44.81		468		55.19	
AREA 	Rural				Urban			
	Number		%		Number		%	
	723		85.26		125		14.74	
CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	205	24.17	64	7.55	487	57.43	92	10.85
CWSN 	LD	VI	HI	S&LD	ID	Oth		
	2	2	0	0	1	0		
Management 	Government				Government-aided			
	Number		%		Number		%	
	848		100.00		0		0.00	

Average Performance of Students in Language (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
53.22	53.93	52.64	53.50	51.57	53.22	0.00	55.06	42.19	55.26	45.94

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
L504	Reads and comprehends independently storybooks, news items/ headlines, advertisements etc.	54.58
L508	Reads text with comprehension, locates details and sequence of events	52.54

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
147	17.33	246	29.01	294	34.67	161	18.99






Lowest Performing Learning Outcomes (LOs)

- 1 - Reads text with comprehension, locates details and sequence of events (52.54)
- 2 - Reads and comprehends independently storybooks, news items/ headlines, advertisements etc. (54.58)

District Report Card: 2017	
State: Telangana	District: Jagtial
Class: 5	Subject: Mathematics
Schools: 59	Students: 848

Participation/Coverage

Students

GENDER 	Boys		Girls					
	Number	%	Number	%				
	380	44.81	468	55.19				
AREA 	Rural		Urban					
	Number	%	Number	%				
	723	85.26	125	14.74				
CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	205	24.17	64	7.55	487	57.43	92	10.85
CWSN 	LD	VI	HI	S&LD	ID	Oth		
	2	2	0	0	1	0		
Management 	Government		Government-aided					
	Number	%	Number	%				
	848	100.00	0	0.00				

Average Performance of Students in Mathematics (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
54.95	55.30	54.67	56.02	48.80	54.95	0.00	54.63	44.17	58.69	43.41

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M401	Applies operations of numbers in daily life situations	53.66
M412	Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit	52.48
M418	Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction	65.85
M421	Represent the collected information in tables and bar graphs and draws inferences from these	70.40
M501	Reads and writes numbers bigger than 1000 being used in her/his surroundings	62.15
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	48.71
M505	Finds the number corresponding to part of a collection	52.87
M506	Identifies and forms equivalent fractions of a given fraction	50.47
M508	Converts fractions into decimals and vice versa	57.68
M509	Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing	53.50
M512	Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa	60.94
M513	Estimates the volume of a solid body in known units.	39.24
M514	Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals	47.71
M515	Identifies the pattern in triangular numbers and square number	51.77
M516	Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it	57.41

Range of Performance of Students who Answered Correctly

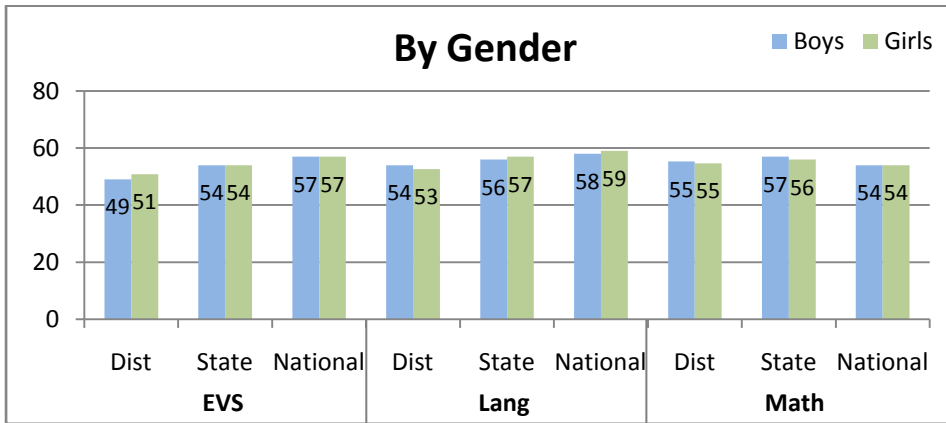
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
124	14.62	239	28.18	334	39.39	151	17.81

Lowest Performing Learning Outcomes (LOs)

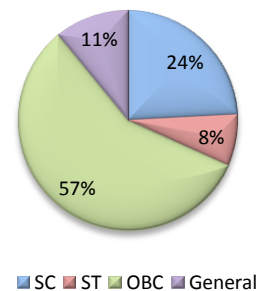
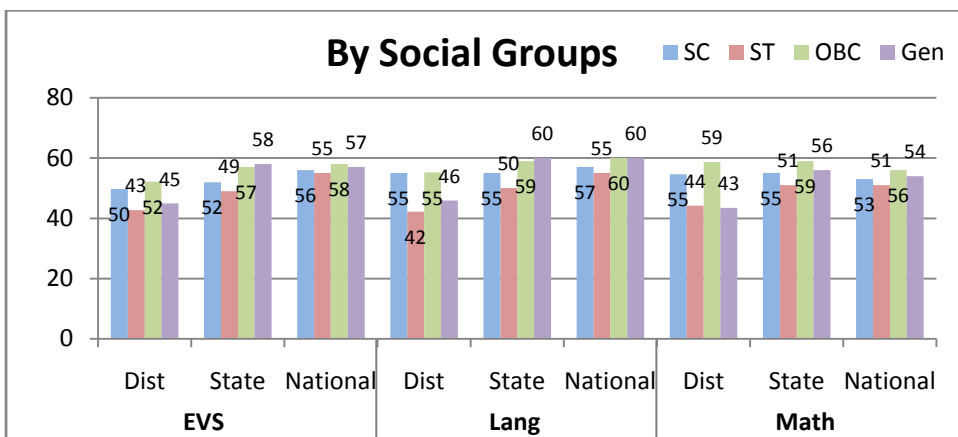
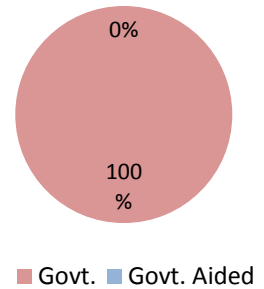
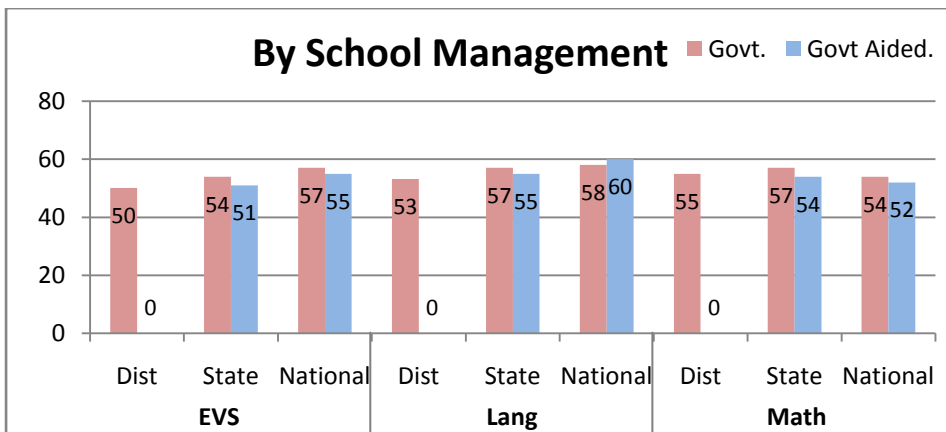
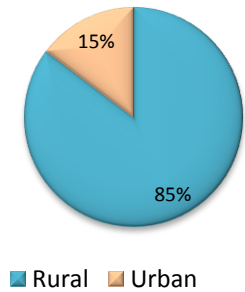
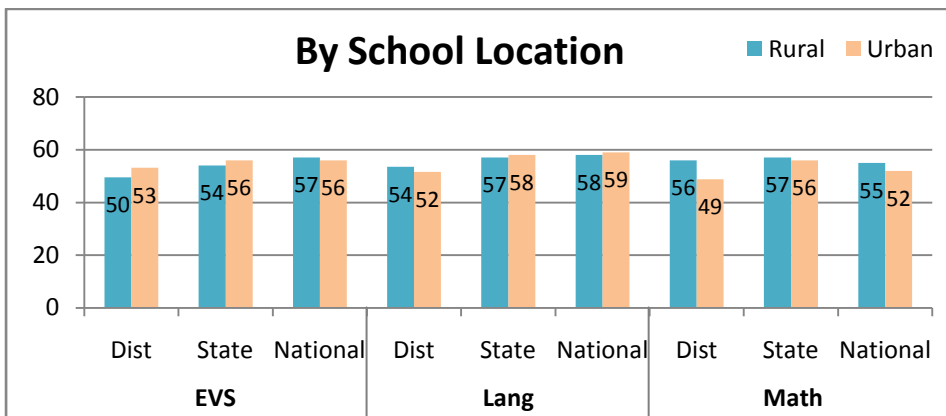
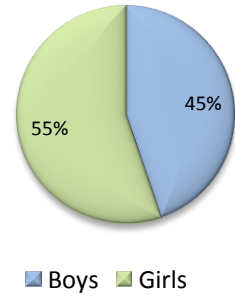
- 1 - Estimates the volume of a solid body in known units. (39.24)
- 2 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (47.71)
- 3 - Estimates sum, difference, product and quotient of numbers and verifies the same using different strategies like using standard algorithms or breaking a number and then using operation (48.71)
- 4 - Identifies and forms equivalent fractions of a given fraction (50.47)
- 5 - Identifies the pattern in triangular numbers and square number (51.77)

Class 5 District Results by Student Groups

Performance




Participation





District Report Card: 2017	
State: Telangana	District: JAGTIAL
Class: 8	Subject: Language
Schools: 51	Students: 1159


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	531	45.82	628	54.18

AREA 	Rural		Urban	
	Number	%	Number	%
	1029	88.78	130	11.22

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	270	23.30	60	5.18	738	63.68	91	7.85

CWSN 	LD	VI	HI	S&LD	ID	Oth
	2	1	4	3	1	1

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	1158	99.91	1	0.09

Average Performance of Students in Language (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
53.36	52.00	54.50	52.90	56.97	53.39	20.00	52.64	48.56	53.26	59.41

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	53.36

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
179	15.44	330	28.47	478	41.24	172	14.84

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 (53.36)


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	
State: Telangana	District: JAGTIAL
Class: 8	Subject: Mathematics
Schools: 51	Students: 1159


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	531	45.82	628	54.18

AREA 	Rural		Urban	
	Number	%	Number	%
	1029	88.78	130	11.22

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	270	23.30	60	5.18	738	63.68	91	7.85

CWSN 	LD	VI	HI	S&LD	ID	Oth
	2	1	4	3	1	1

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	1158	99.91	1	0.09

Average Performance of Students in EVS (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
35.33	35.17	35.47	35.32	35.44	35.34	26.67	34.15	37.00	35.27	38.24

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
M601	Solves problems involving large numbers by applying appropriate operations	37.03
M606	Solves problems on daily life situations involving addition and subtraction of fractions / decimals	28.33
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.	31.19
M621	Arranges given/collected information in the form of table, pictograph and bar graph and interprets them	31.23
M702	Interprets the division and multiplication of fractions	33.74
M705	Solves problems related to daily life situations involving rational numbers	39.09
M706	Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers.	26.88
M707	Adds/subtracts algebraic expressions	35.72
M710	Solves problems related to conversion of percentage to fraction and decimal and vice versa	25.31
M717	Finds out approximate area of closed shapes by using unit square grid/ graph sheet	31.23
M719	Finds various representative values for simple data from her/his daily life contexts like mean, median and mode	50.78
M721	Interprets data using bar graph such as consumption of electricity is more in winters than summer	44.85
M801	Generalises properties of addition, subtraction, multiplication and division of rational numbers through patterns	21.64
M802	Finds rational numbers between two given rational numbers	37.52
M803	Proves divisibility rules of 2, 3,4, 5, 6, 9 and 11	42.83
M804	Finds squares, cubes, square roots and cube roots of numbers using different methods.	35.78
M808	Use various algebraic identities in solving problems of daily life.	50.09
M812	Verifies properties of parallelogram and establishes the relationship between them through reasoning	29.03
M818	Finds surface area and volume of cuboidal and cylindrical object	28.27
M819	Draws and interprets bar charts and pie charts	35.03

Range of Performance of Students who Answered Correctly

Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
499	43.05	444	38.31	181	15.62	35	3.02

Lowest Performing Learning Outcomes (LOs)


1. Generalises properties of addition, subtraction, multiplication and division of rational numbers through patterns (21.64)
2. Solves problems related to conversion of percentage to fraction and decimal and vice versa (25.31)
3. Uses exponential form of numbers to simplify problems involving multiplication and division of large numbers. (26.88)
4. Solves problems related to conversion of percentage to fraction and decimal and vice versa (28.27)
5. Solves problems on daily life situations involving addition and subtraction of fractions / decimals (28.33)


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			
State: Telangana		District: JAGTIAL	
Class: 8		Subject: Science	
Schools: 51		Students: 1159	

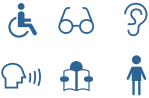
Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	531	45.82	628	54.18

AREA 	Rural		Urban	
	Number	%	Number	%
	1029	88.78	130	11.22

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	270	23.30	60	5.18	738	63.68	91	7.85

CWSN 	LD	VI	HI	S&LD	ID	Oth
	2	1	4	3	1	1

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	1158	99.91	1	0.09

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
36.27	37.69	35.07	35.52	42.26	36.29	20.00	35.70	36.67	36.40	36.70

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	36.37
SCI704	Conducts simple investigation to seek answers to queries	26.49
SCI705	Relates processes and phenomenon with causes	44.88
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc	33.13
SCI710	Plots and interprets graphs	33.28
SCI711	Constructs models using materials from surroundings and explains their working	24.23
SCI801	Differentiates materials, organism and processes	30.92
SCI804	Relates processes and phenomenon with causes	42.32
SCI805	Explains processes and phenomenon	33.91
SCI807	Measures angles of incidence and reflection, etc.	31.75
SCI811	Applies learning of scientific concepts in day-to-day life	36.19
SCI813	Makes efforts to protect environment	58.15

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
476	41.07	449	38.74	202	17.43	32	2.76


Lowest Performing Learning Outcomes (LOs)


1. Constructs models using materials from surroundings and explains their working (24.23)
2. Conducts simple investigation to seek answers to queries (26.49)
3. Differentiates materials, organism and processes (30.92)
4. Measures angles of incidence and reflection, etc. (31.75)
5. Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc (33.13)


District Report Card: 2017	
State: Telangana	District: JAGTIAL
Class: 8	Subject: Social Science
Schools: 51	Students: 1159


Participation/Coverage


Students

GENDER 	Boys		Girls	
	Number	%	Number	%
	531	45.82	628	54.18

AREA 	Rural		Urban	
	Number	%	Number	%
	1029	88.78	130	11.22

CATEGORY 	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	270	23.30	60	5.18	738	63.68	91	7.85

CWSN 	LD	VI	HI	S&LD	ID	Oth
	2	1	4	3	1	1

MANAGEMENT 	Government		Government-aided	
	Number	%	Number	%
	1158	99.91	1	0.09

Average Performance of Students in SST (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
36.76	36.48	37.00	37.26	32.82	36.79	6.67	37.33	36.67	36.22	39.56

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	53.58
SST610	Locates important historical sites, places on an outline map of India	20.94
SST625	Describes the functioning of rural and urban local government bodies in sectors like health and education	28.80
SST703	Explains preventive actions to be undertaken in the event of disasters	39.78
SST704	Describes formation of landforms due to various factors	43.98
SST722	Explains the significance of equality in democracy	35.67
SST726	Describes the process of election to the legislative assembly	53.75
SST731	Explains the functioning of media with appropriate examples from newspapers.	33.96
SST733	Differentiates between different kinds of markets	45.38
SST734	Traces how goods travel through various market places.	38.40
SST802	Describes major crops, types of farming and agricultural practices in her/his own area/state	53.75
SST805	Locates distribution of important minerals e.g. coal and mineral oil on the world map	35.15
SST807	Justifies judicious use of natural resources	42.93
SST809	Draws interrelationship between types of farming and development in different regions of the world	33.11
SST810	Distinguishes the modern period from the medieval and the ancient periods through the use of sources	39.93
SST815	Explains the origin, nature and spread of the revolt of 1857 and the lessons learned from it	29.49
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	31.75
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	22.00
SST823	Applies the knowledge of the Fundamental Rights to find out about their violation, protection and promotion in a given situation	22.61
SST827	Describes the process of making a law. (e.g. Domestic Violence Act, RTI Act, RTE Act)	30.72
SST831	Identifies the role of Government in providing public facilities such as water, sanitation, road, electricity etc., and recognizes their availability	26.83
SST833	Draws bar diagram to show population of different countries/India/states	53.24

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
460	39.69	444	38.31	221	19.07	34	2.93

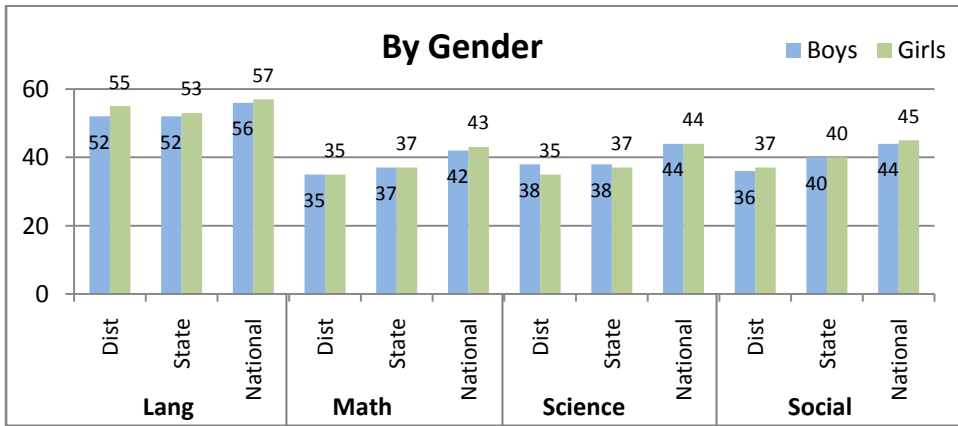
Lowest Performing Learning Outcomes (LOs)

1. Locates important historical sites, places on an outline map of India (20.94)
2. Analyses the issues related to caste, women, widow remarriage, child marriage, social reforms and the laws and policies of colonial administration towards these issues (22)
3. Applies the knowledge of the Fundamental Rights to find out about their violation, protection and promotion in a given situation (22.61)
4. Identifies the role of Government in providing public facilities such as water, sanitation, road, electricity etc., and recognizes their availability (26.83)
5. Describes the functioning of rural and urban local government bodies in sectors like health and education (28.8)

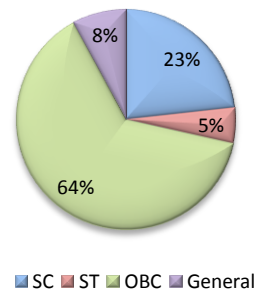
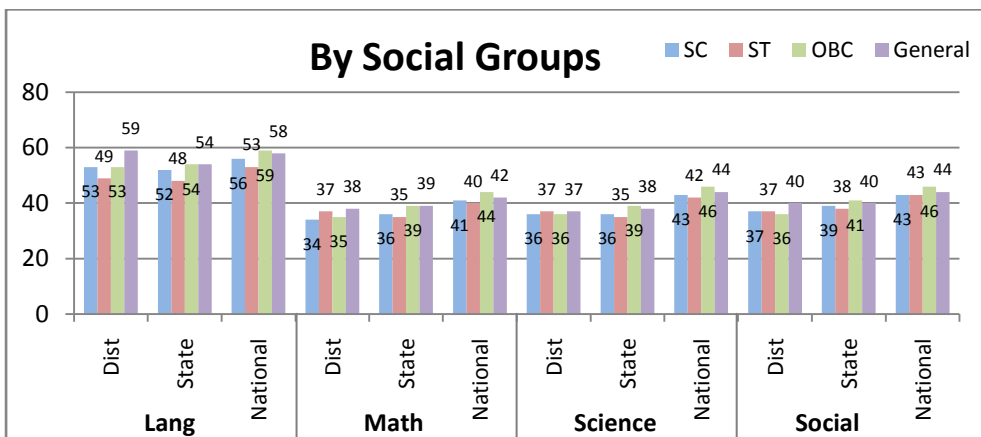
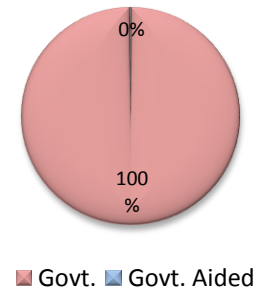
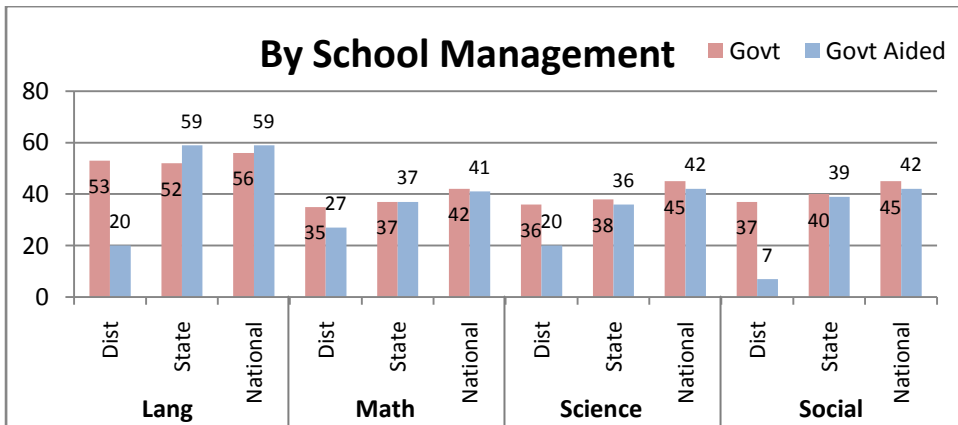
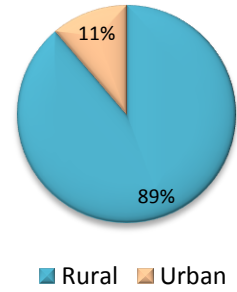
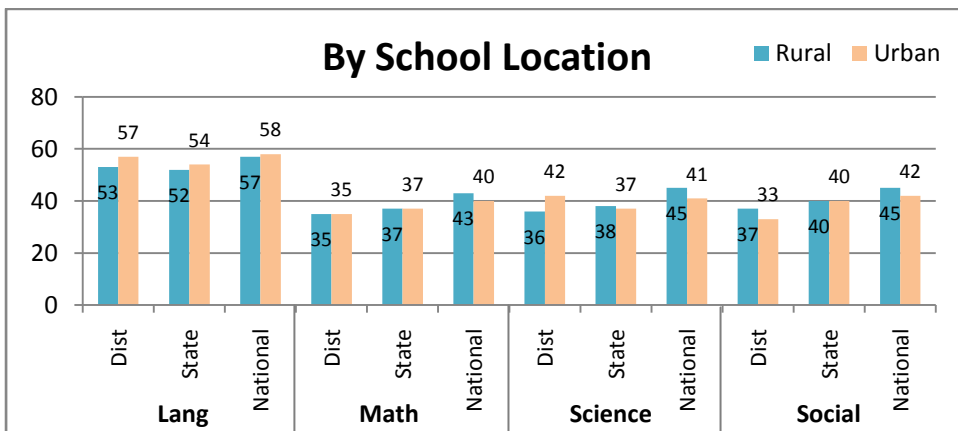
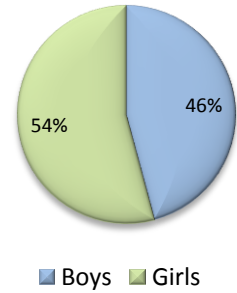
CSWN: **LD-** Locomotor Disability; **VI-** Visual Impairment; **HI-** Hearing Impairment;
S&LD- Speech and Language Disability; **ID-** Intellectual Disability; **Oth-** Other Disability.

Class 8 District Results by Student Groups

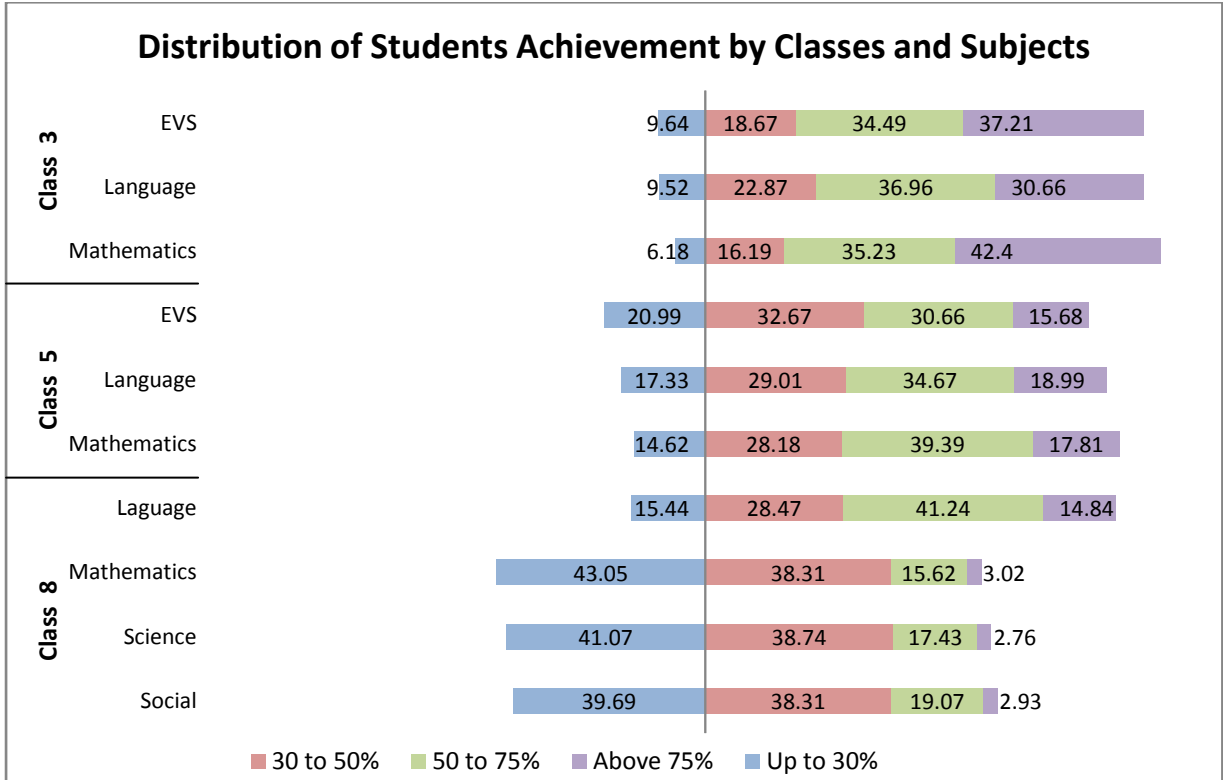
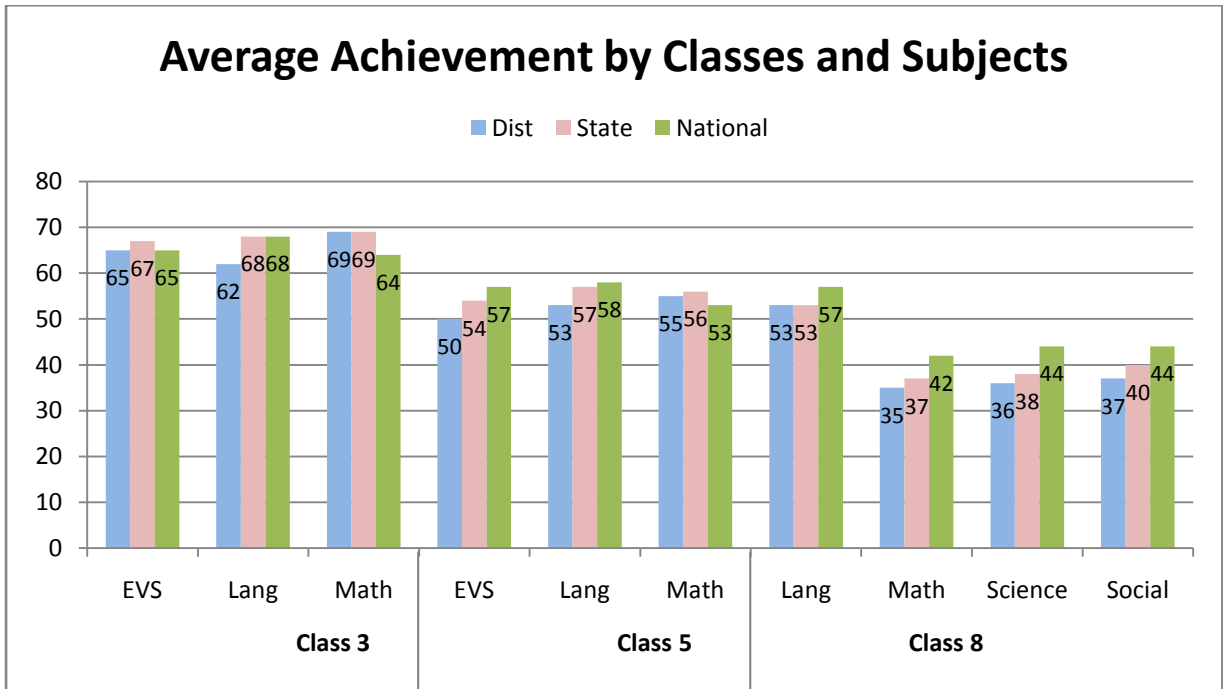
Performance



Participation



JAGITYAL



By Gender

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

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



By School Location

Rural Area



Performed better in

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

Urban Area



Performed better in

Class 3:
Class 5: EVS
Class 8: Language, Math, Science

By School Management

Government



Performed better in

Class 3: EVS, Language & Math

Class 5: EVS, Language & Math

Class 8: Language, Math, Science & Social

Government Aided



Performed better in

Class 3:

Class 5:

Class 8:

By Social Groups

SC



First in

Class 3: EVS, Language & Math

Class 5: Language

Class 8:

ST



First in

Class 3:

Class 5:

Class 8: Science

OBC



First in

Class 3:

Class 5: EVS, Language & Math

Class 8:

General



First in

Class 3: Language

Class 5:

Class 8: Language, Math, Science & Social

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

JAGITYAL

Class	Subject	Learning Outcome
Class 3	Language	Nil
	EVS	E313
	Mathematics	M312
Class 5	Language	Nil
	EVS	E501, E503, E505, E506, E508, E512
	Mathematics	M504, M513, M514
Class 8	Language	Nil
	Mathematics	M601, M606, M620, M621, M705, M706, M707, M710, M717, 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