RANKING OF DISTRICTS ON THE BASIS OF PROGRAM REVIEW INDICATORS

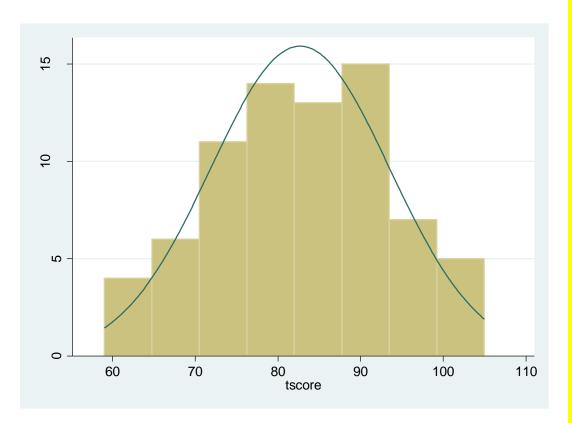
Apr-Aug 2015

OBJECTIVE

- The objective of the analysis is to rank districts based on their performance
 - Performance is measured using set of input and output indicators used for program reviews by GoUP

Description of the	e vai	riable	es	-	Variables	Mean	Std. Dev.	Min	Max
To begin with, 25 indicato	rs are	taken f	or mea	suring	% change in OPD from last year	16.0	24.2	-58.6	124.0
the performance of the dis				_	% change in IPD from last year	16.7	54.2	-52.2	257.7
are input (yellow) and 18 a			,		Bed occupancy rate	25.9	24.5	0.0	161.3
(green)					% change in pathology investigation from last year	55.3	62.2	-43.7	283.5
 These indicators are routi 	,	,			% Institutional deliveries	41.4	11.6	14.0	76.2
reviewing performance of			nd/or C	CMOs	% of beneficiaries received JSY	79.1	61.3	22.1	579.1
during review meetings atData on change in AYUSH	I OPD	is high			% % Institutional deliveries ASHA received JSY benefits	55.7	17.0	12.4	92.1
and was available for 73 di	stricts	hence	droppe	ed	% of C-section deliveries	3.1	4.0	0.0	24.1
from the analysis					% fully immunized children	80.1	14.0	52.3	157.2
Considering state priority and MD NHM			dropout children from BCG to Measles	-3.5	10.1	-45.6	18.9		
suggestions, four additional indicators were included after first round of analysis -shown in the separate			% of Sterilization to total workload	2.7	2.8	0.0	13.0		
table (brown)	· · · · · · · · · · · · · · · · · · ·			% of IUCD insertion to total workload	14.1	6.4	3.5	32.3	
 Finally, set of 28 identified 	indica	tors foi	r rankir	ng of	% of PPIUCD insertion to total IUCD inserted	9.5	9.0	0.0	48.9
75 districts.				0	% Cataract Operation against target	2.9	3.8	0.0	19.1
Present ranking prepared:	for Ap	r-Aug ((2015-1	6) for	% facilities uploaded HMIS data on or before 5 th	85.4	19.4	19.3	100.0
HMIS/MCTS and financial	data (28 indic	cators).		% of estimated preg women registered in MCTS	50.2	12.9	24.3	84.8
Variables	Mean	Std.	Min	Max	% of estimated children registered in MCTS	27.4	10.0	9.1	56.2
		Dev.			% of Budget utilized RCH flexi pool	35.8	9.3	11.8	69.7
Rate of change of ins del rate	16.2	38.9	-38.2	198.9	% of Budget utilized Mission flexi pool	15.4	6.7	3.8	34.8
% of pregnancy identified as HRP	0.8	1.5	0.0	11.7	% of Budget utilized RI	21.6	21.7	0.3	172.9
0/ : 16 !! ANG (2 ANG)					% of Budget utilized NUHM	24.5	15.2	0.0	60.8
% received full ANC (3 ANC)	65.8	9.0	40.4	84.4	% of Budget utilized National programme	16.8	7.9	0.4	³ 46.4
Maternal death reported per	26.6	40.7	0.0	176.5	% of construction works completed/in progress	88.0	23.6	0.0	100.0
1000 expected death					% Budget utilized in construction work	64.1	29.3	0.0	100.0

Distribution of score (final run, 28 variables)



- All variables are divided into quintiles; districts in the lowest quintile gets a score of `l' and those are in highest quintile gets a score of `5' for each variable. Rank of total scores is computed to order the districts as per their performance
- This method generates top 5 and bottom 5 districts
- The distribution of score is found to be normal indicating robustness of the methodology adopted

Summary of output indicators between poor and best performance districts

Variables	Mean	Std. Dev.	Min	Max	Mean	Std. Dev.	Min	Max	
		Poor pe	rformer		Best performer				
% change in OPD from last year	16.7	22.6	-1.9	53.9	15.1	4.4	10.5	19.9	
% change in IPD from last year	0.7	18.7	-29.4	19.3	39.8	63.0	-7.5	136.1	
Bed occupancy rate	23.8	36.1	2.3	87.3	61.0	59.5	12.8	161.3	
% change in pathology investigation from last year	18.4	52.2	-41.1	97.8	75.7	64.2	18.9	177.9	
% Institutional deliveries	38.7	10.3	31.3	57.0	58.6	10.2	45.I	68.3	
% of beneficiaries received JSY	161.2	234.3	40.0	579.1	75.6	14.9	56.8	90.3	
% of ASHA who received JSY	40.5	12.2	29.7	60.0	59.9	12.8	45.5	78.0	
% of C-section deliveries	0.3	0.4	0.0	1.0	4.0	6.4	0.1	15.2	
% fully immunized children	74.3	9.9	63.7	86.5	83.0	9.9	73.0	98.7	
dropout children from BCG to Measles	-3.3	5.8	-11.7	2.4	-2.1	8.7	-12.5	7.7	
% of Sterilization to total workload	0.7	0.8	0.1	2.0	4.0	3.1	0.3	8.3	
% of IUCD insertion to total workload	11.8	6.3	4.3	21.3	19.7	8.7	11.4	32.3	
% of PPIUCD insertion to total IUCD inserted	7.2	6.6	2.9	18.8	9.7	7.6	2.8	22.1	
% Cataract Operation against target	1.1	1.9	0.0	4.4	8.7	5.0	2.7	14.0	
% facilities uploaded HMIS data on or before 5 th	83.5	10.4	74.7	99.2	89.2	13.4	71.8	100.0	
% of estimated preg women registered in MCTS	51.8	15.2	34.0	73.3	57.5	14.0	39.1	72.9	
% of estimated children registered in MCTS	22.8	7.5	14.7	34.8	38.7	12.4	24.2	56.2	

Summary of output indicators between poor and best performance districts

Variables	Mean	Std. Dev.	Min	Max	Mean	Std. Dev.	Min	Max
		Poor pe	rformer			Best per	rformer	
Rate of change of institutional delivery rate	4.1	4.8	-1.4	10.3	25.1	23.3	2.5	61.9
% of registered pregnency identified as high risk (MCTS)	0.5	0.9	0.0	2.0	0.6	0.4	0.1	1.1
% of registered pregnant women received 3 ANC	62.8	4.0	57.3	67.1	70.1	12.7	51.7	84.4
Maternal death reported in HMIS per 1000 expected								
deaths	4.8	6.6	0.0	13.0	49.4	44.8	12.2	112.9

Summary of input indicators between poor and best performance districts

Variables		Std. Dev.	Min	Max	Mean	Std. Dev.	Min	Max	
		Poor pe	rformer		Best performer				
% of Budget utilized RCH flexi pool	31.1	4.5	25.3	35.3	39.5	6.5	31.1	48.3	
% of Budget utilized Mission flexi pool	9.8	2.7	5.8	13.3	18.3	5.5	12.0	26.6	
% of Budget utilized RI	19.9	20.5	2.4	54.7	26.9	16.8	3.2	41.0	
% of Budget utilized NUHM	18.0	20.0	0.0	51.4	33.6	15.9	15.5	55.3	
% of Budget utilized National programme	10.6	7.2	0.4	18.3	23.2	13.8	13.5	46.4	
% of construction works completed/in progress	65.0	48.7	0.0	100.0	100.0	0.0	100.0	100.0	
% Budget utilized in construction work	40.4	31.0	0.0	73.3	81.6	24.9	44.5	100.0	

The mean difference between best and poor performer is (i.e; 39.6) is found to be statistically significant

Summary of output indicators for best and poor performance districts

Variables	Chitrakoot	Kanpur Dehat	Shahjahan pur	Kushinag ar	Ballia	Bagpat	Shrawasti	Muzaffarn agar	Firozabad	Lalitpur	
		Pod	r performe	r		Best performer					
Total score	59	60	61	63	66	100	100	101	101	105	
Rank	1	2	3	4	5	71.5	71.5	73.5	73.5	75	
% change in OPD from last year	-1.9	53.9	8.1	2.2	21.0	18.6	10.5	16.2	10.5	19.9	
% change in IPD from last year	10.1	19.3	-3.9	-29.4	7.1	71.9	-6.7	-7.5	136.1	5.6	
Bed occupancy rate	18.5	8.3	87.3	2.3	2.8	161.3	12.8	42.5	23.1	65.3	
% change in pathology investigation from last year	5.8	-5.9	-41.1	35.2	97.8	37.1	177.9	18.9	46.8	97.8	
% Institutional deliveries	57.0	35.0	35.6	31.3	34.6	50.8	68.3	61.6	45.I	67.2	
% Institutional deliveries ASHA received JSY benefits	52.1	46.6	88.4	579.1	40.0	89.5	90.3	77.1	64.4	56.8	
% of ASHA who received JSY	37.2	29.7	60.0	43.9	31.8	67.5	78.0	45.5	54.7	53.9	
% of C-section deliveries	0.0	0.2	0.0	0.1	1.0	1.7	0.1	15.2	0.3	2.5	
% fully immunized children	86.5	65.2	81.3	74.9	63.7	76.6	98.7	81.5	73.0	85.0	
dropout children from BCG to Measles	-6.9	2.4	-1.3	0.9	-11.7	-12.5	7.7	4.0	-0.3	-9.5	
% of Sterilization to total workload	0.4	0.7	0.4	0.1	2.0	5.1	0.3	8.3	4.4	2.0	
% of IUCD insertion to total workload	13.5	21.3	11.4	4.3	8.5	11.4	19.2	11.9	23.6	32.3	
% of PPIUCD insertion to total IUCD inserted	2.9	3.4	5.9	5.1	18.8	11.5	7.3	2.8	5.0	22.1	
% Cataract Operation against target	0.0	0.3	4.4	0.8	0.0	13.2	4.7	9.2	2.7	14.0	
% facilities uploaded HMIS data on or before 5 th	75.2	99.2	79.7	74.7	88.7	100.0	77.8	71.8	96.3	100.0	
% of estimated preg women registered in MCTS	73.3	54.6	34.0	40.9	56.3	70.0	72.9	39.1	50.3	55.2	
% of estimated children registered in MCTS	22.0	19.1	14.7	23.6	34.8	56.2	42.4	24.2	29.9	40.8	

Summary of output indicators for best and poor performance districts

Variables	Chitrak oot	Kanpur Dehat	Shahjaha npur	Kushina gar	Ballia	Bagpat	Shrawas ti	Muzaffar nagar	Firozabad	Lalitpur	
		Po	or perforn	ner		Best performer					
Rate of change of institutional delivery rate	2.3	1.4	10.3	7.9	-1.4	20.9	9.3	30.9	61.9	2.5	
% of registered pregnency identified as high risk (MCTS)	2.0	0.4	0.1	0.0	0.0	0.1	0.6	0.1	0.9	1.1	
% of registered pregnant women received 3 ANC	62.9	57.3	67. I	60.7	66.1	66.9	51.7	84.4	67.9	79.3	
Maternal death reported in HMIS per 1000 expected deaths	0.0	0.0	13.0	11.0	0.0	112.9	16.1	12.2	25.9	80.0	

Summary of input indicators for best and poor performance districts

Variables	Chitrak Kanpur Shahjaha Kushinag Ballia Bagpa		Bagpat	Shrawas ti	Muzaffar nagar	Firozabad	Lalitpur				
		Po	or perforr	ner		Best performer					
% of Budget utilized RCH flexi pool	25.3	34.3	27.4	35.3	33.2	31.1	36.6	48.3	43.2	38.3	
% of Budget utilized Mission flexi pool	10.3	5.8	9.9	9.9	13.3	20.1	16.1	26.6	16.8	12.0	
% of Budget utilized RI	19.8	14.5	8.0	54.7	2.4	15.3	35.6	41.0	39.4	3.2	
% of Budget utilized NUHM	14.6	0.0	6.2	18.0	51.4	15.5	30.0	55.3	43.6	23.6	
% of Budget utilized National programme	8.9	0.4	8.8	18.3	16.6	15.2	13.5	25.0	46.4	15.7	
% of construction works completed/in progress	0.0	100.0	100.0	100.0	25.0	100.0	100.0	100.0	100.0	100.0	
% Budget utilized in construction work	0.0	20.0	41.7	73.3	67.0	67.0	100.0	96.3	44.5	100.0	

TOP AND BOTTOM PERFORMER-AUG 2015

Top 5 performer :

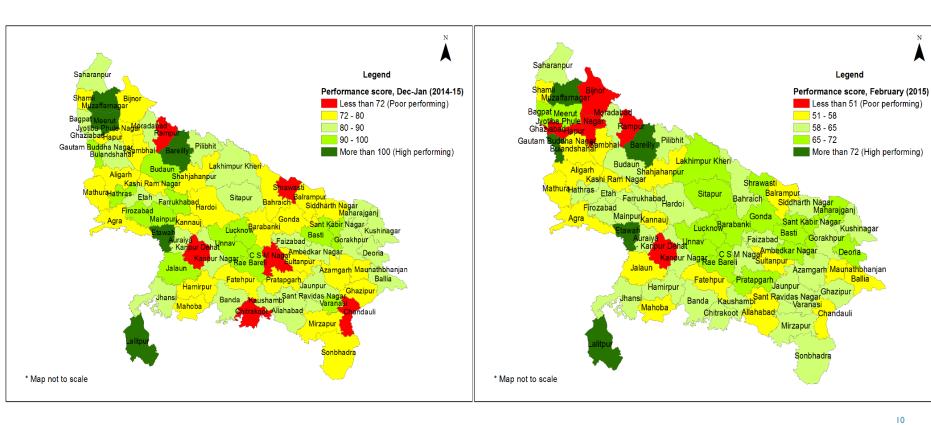
Bagpat (100), Shrawasti (100), Muzaffarnagar (101), Firozabad (101), Lalitpur(105)

Bottom 6 performer :

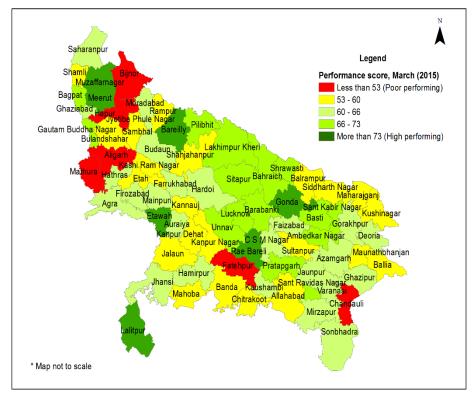
Chitrakoot (59), Kanpur Dehat (60), Shahjahanpur (61), Kushinagar (63), Ballia (66)

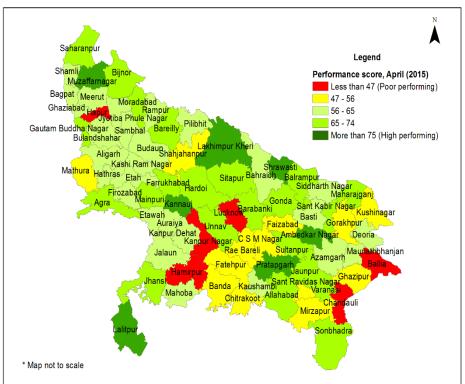
*() indicates score obtained by the districts

Classification of districts of Uttar Pradesh based on performance score

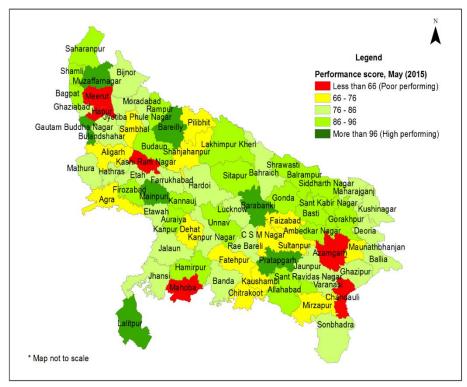


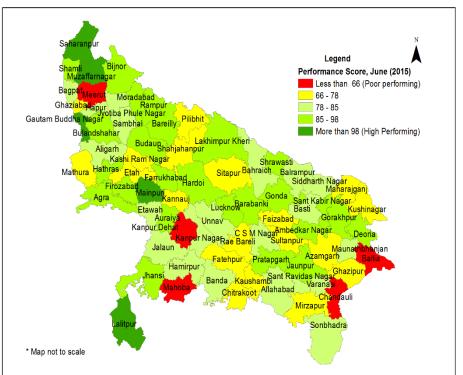
Classification of districts of Uttar Pradesh based on performance score



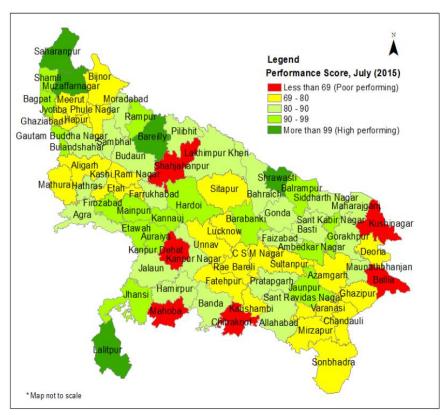


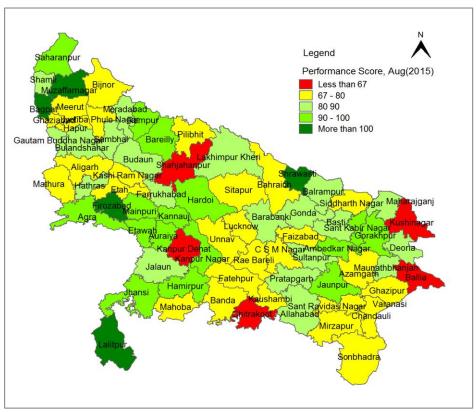
Classification of districts of Uttar Pradesh based on performance score





CLASSIFICATION OF DISTRICTS OF UTTAR PRADESH BASED ON PERFORMANCE SCORE





COMPARATIVE PERFORMANCE RANKING

Category	Dec-Jan (2014-15)	Feb-15	Mar-15	Apr-15	May-15	Jun-15	July-15	Aug-15	Consistent
Top performing	Etawah (115), Bareilly (107), Muzaffarnagar (106), Meerut (104) Lalitpur (101)	Bareilly (76), Lalitpur (75), G B Nagar(75) Muzaffarnagar	• •	Muzzafarnagar(77), Shrawasti(76)	Dai elliy (101),	Gautam Buddha Nagar(99),Main puri(100),Lalitpu r(101),Muzaffar nagar(103),Saha ranpur(106)	C I (100)	Bagpat (100), Shrawasti (100), Muzaffarnagar (101), Firozabad (101), Lalitpur(105)	Bareilly,
Poor Performing	Chitrakoot (69), Chandauli (69), Rampur (70), Kanpur Dehat (70), C S M Nagar (70), Aligarh (70)	Hapur (47), Bijnor(49), Ghaziabad (50), Rampur (50) Kanpur Dehat (51), JP Nagar(51)	I P Nagar(51)	Lucknow(38), Hapur(44), Chandauli(44), Balia(47), Kanpur Nagar(47) Hamirpur(47)	Chandauli (59), Azamgarh (62), Kashi Ram Nagar (63), Hapur(66) Meerut(66), Mahoba (66)	ur Dehat(62),Meer	Kanpur Dehat (62), Shahjahanpur (64), Mahoba(65), Kushinagar (68), Chitrakoot (68), Ballia (68)	Chitrakoot (59), Kanpur Dehat (60), Shahjahanpur (61), Kushinagar (63), Ballia (66)	Hapur, Bijnor, JP Nagar Chandauli, Ballia

^{*()} indicates score obtained by the districts

THANKYOU