






UTTAR PRADESH
TECHNICAL SUPPORT UNIT
DISTRICT BADAUN

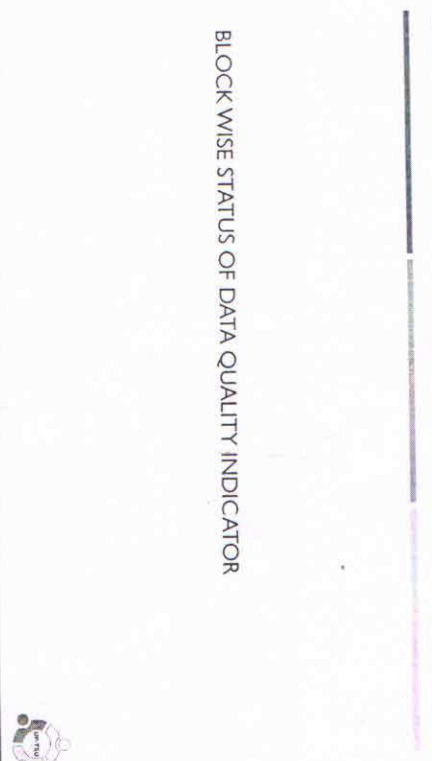
DATA QUALITY AUDIT VISIT FEEDBACK MEETING

11th January 2018

AGENDA OF MEETING

- Block wise status of non-blank and non-zero
- Data quality audit feedback summary
- Matching status of critical data element
- Status of zero and blank
- Major challenges of data quality and possible suggestion
- Block wise data upload status for the month of Jan 18
- Preparation of data quality audit plan for rest of the blocks

BLOCK WISE STATUS OF DATA QUALITY INDICATOR



% of non-blank data elements at block facility/district hospital

S.No.	Block Facility/District Hospital Name	% of non blank data element
1	Budaun / Misoon / BPHC Misoon	78
2	Budaun / Sahaywan / BPHC Sahaywan	91
3	Budaun / Dataganj / BPHC Dataganj	62
4	Budaun / Samir / BPHC Samir	89
5	Budaun / Bisauli / BPHC Bisauli	12
6	Budaun / Islam Nagar / BPHC Islamnagar	24
7	Budaun / Ujhani / BPHC Ujhani	24
8	Budaun / Wazirganj / BPHC Wazirganj	0
9	Budaun / Wazirganj / BPHC Wazirganj	92
10	Budaun / Bihai / BPHC Bihai	93
11	Budaun / Dahagawan / BPHC Dahagawan	12
12	Budaun / Usawan / BPHC Usawan	91

% of non-zero data elements at block facility/district hospital

S.no.	Block Facility/District Hospital Name	% of non zero data element
1	Budaun / Mubon / BPHC Mubon	23
2	Budaun / Sahaswan / BHC Sahaswan	21
3	Budaun / Dataganj / BHC Dataganj	34
4	Budaun / Samter / BPHC Samter	28
5	Budaun / Bsaoli / BHC Bsaoli	5
6	Budaun / Islam Nagar / BPHC Islamnagar	10
7	Budaun / Ujhan / BHC Ujhan	19
8	Budaun / Wazirganj / BPHC Saidpur	0
9	Budaun / Wazirganj / BHC Wazeeraganj	12
10	Budaun / Bisi / BHC Bisi	23
11	Budaun / Dahagawan / BPHC Dahagawan	4
12	Budaun / Usawan / BPHC Usawan	30



DATA QUALITY AUDIT VISIT FEEDBACK SUMMARY

SUMMARY OF FACILITY VISITED

S.no.	Name of facility	Date of Visit	Team Member
1	BHC DATAGANJ	29 JAN 2018	Dr. A. K. Aggarwal, DGM RKSK, NHM Yogendra Yadav, SNUC SW Cord. Child Health, NHM Shariq Ul Islam, TSU (Associate M&E)
2	BPHC DAHAGAWAN	30 JAN 2018	
3	DWH BADAUN	31 JAN 2018	



MATCHING STATUS OF CRITICAL DATA ELEMENT- BHC DATAGANJ

Particulars	HR	Training	Availability	HMIS Indicator	CH	JSSK	Total
Total data element audited	27	19	23	21	11	14	115
No of data elements value not matched with source documents values	15	3	1	8	2	4	33
No of data elements not matched and corrected on spot on UPHMIS and HMIS portal	15	3	1	8	2	4	33
No of data elements not verified due to unavailability of source document	0	0	0	0	0	0	0



MATCHING STATUS OF CRITICAL DATA ELEMENT- BPHC DAHAGAWAN

Particulars	HR	Training	Availability	HMIS Indicator	CH	JSSK	Total
Total data element audited	27	19	23	21	11	14	115
No of data elements value not matched with source documents values	14	19	23	14	11	14	95
No of data elements not matched and corrected on spot on UPHMIS and HMIS portal	14	19	23	13	11	14	94
No of data elements not verified due to unavailability of source document	0	0	0	1	0	0	1



MATCHING STATUS OF CRITICAL DATA ELEMENT- DWH

Particulars	HR	Training	Availability	HMIS Indicator	CH	JSSK	Total
Total data element audited	27	19	23	21	11	14	115
No of data elements value not matched with source documents values	0	0	14	11	11	14	50
No of data elements not matched and corrected on spot on UPHMIS and HMIS portal	0	0	6	10	0	5	21
No of data elements not verified due to unavailability of source document	0	0	1	0	11	9	21



STATUS OF ZERO AND BLANK- BPHC DAHAGAWAN

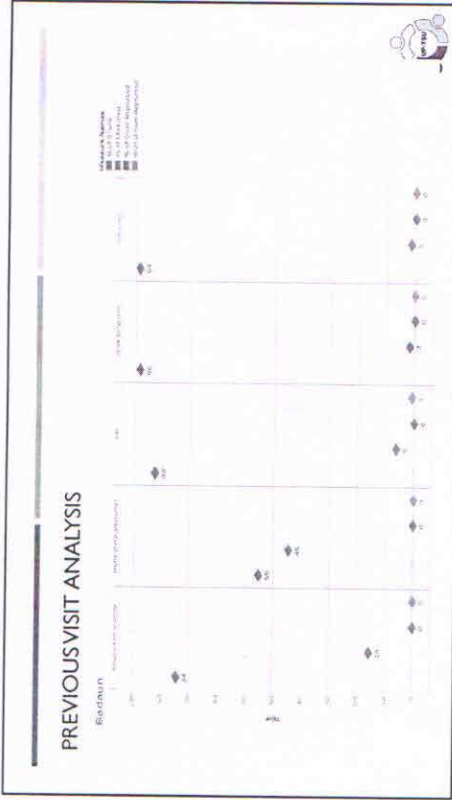
Format wise Major Section	Total # of Data element in BPHC/CHC	Before audit				After audit			
		No. of data elements with only zero	No. of Blank Data element	% of data elements with only zero	% of blank Data element	No. of data elements with only zero	No. of Blank Data element	% of data elements with only zero	% of blank Data element
Section A : Human Resource	65	23	24	35	37	23	24	35	37
Section B : Training	33	10	10	30	33	13	7	39	21
Section C : Availability of RMNCHA drugs and supplies	103	47	2	45	1	30	0	29	0
Section D : Performance Indicator	233	52	116	22	49	58	115	24	49
Section E : Process Indicator	31	14	0	45	0	14	0	45	0
Total	465	146	152	31	32	138	146	29	31

STATUS OF ZERO AND BLANK- BPHC DAHAGAWAN

Format wise Major Section	Total # of Data element in BPHC/CHC	Before audit				After audit			
		No. of data elements with only zero	No. of blank Data element	% of data elements with only zero	% of blank Data element	No. of data elements with only zero	No. of blank Data element	% of data elements with only zero	% of blank Data element
Section A : Human Resource	65	39	10	60	15	40	0	61	0
Section B : Training	33	0	33	0	100	30	0	90	0
Section C : Availability of RMNCHA drugs and supplies	103	0	103	0	100	40	0	38	0
Section D : Performance Indicator	233	1	232	0.4	99	192	3	82	1
Section E : Process Indicator	31	0	31	0	100	15	0	48	0
Total	465	40	409	8	87	317	3	68	6

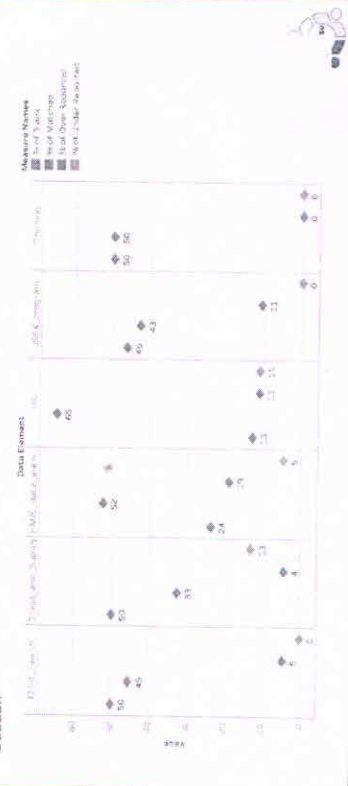
STATUS OF ZERO AND BLANK- DH DISTRICT FEMALE HOSPITAL

Formet wise Major Section	Total # element in DWH	Before audit			After audit		
		No. of data elements with only zero	No. of blank Data element	% of blank Data element with only zero	No. of blank Data element	% of data elements with only zero	% of blank Data element
Section A : Human Resource	64	49	0	76	18	76	28
Section B : Training	29	18	0	62	0	58	0
Section C : Availability of RMNCH+A drugs and supplies	108	46	2	42	2	38	1
Section D : Performance Indicator	253	168	1	66	1	64	0
Section E : Process Indicator	19	5	0	26	0	26	0
Total	475	286	3	60	6	58	4



CURRENT VISIT ANALYSIS

Badaun



Major challenges of data quality identified during data quality audit visit and possible suggestion

- Proper/Standard register for labour room and training is not available. -- Implementation of Standard register required & ensure the availability of printed register at facility level.
- OPD/IPD data are not maintained properly. Details of age group is not available. -- Implementation of computerise registration is required or separate register for children under 5 years should be maintained.
- Responsibility of staff not fixed for reporting - Issue Proper guideline to assign responsibility and block level nodal officer for reviewing reports before upload.
- Inactive Validation Committee - Review of validation committee should be started.

% of facilities which have uploaded UPHMIS data for the month of Jan 18

S.no.	Block Name	% of facility	S.no.	Block Name	% of facility
1	Asafpur	80	10	Miaoon	76
2	Bilsi	50	11	Qaderchowk	0
3	Binawar	0	12	Sahaswan	0
4	Bisauli	71	13	Samrer	5
5	DHQ Budoun	0	14	Selarpur	33
6	Dahagawan	0	15	Ujhani	89
7	Dataganj	100	16	Usawan	100
8	Islam Nagar	32	17	Wazirganj	56
9	Jaget	57	18	Total of Budoun	47

As on 30th Jan 2018

UPHMIS DATA UPLOAD STATUS FOR THE MONTH OF JAN 18
all the facility must get entered by 30th of the month



% of facilities which have imported HMIS data for the month of Jan 18

S.no.	Block Name	% of facility	S.no.	Block Name	% of facility
1	Asafpur	0	10	Miaoon	0
2	Bilsi	0	11	Qaderchowk	0
3	Binawar	0	12	Sahaswan	0
4	Bisauli	0	13	Samrer	0
5	DHQ Budoun	0	14	Selarpur	33
6	Dahagawan	0	15	Ujhani	0
7	Dataganj	100	16	Usawan	0
8	Islam Nagar	11	17	Wazirganj	0
9	Jaget	0	18	Total of Budoun	7

As on 30th Jan 2018

THANK YOU



District Budaun

Facilities visited

1. DWH
2. BHC Dataganj,
3. BPHC Dahagwan

S. No	Identified Issue	Action Plan	Responsibility	Timeline
1	Training register was not available	Training register was made at the time of visit	BPM/MO I/c	28 th February
2	Responsibility is not fixed	Section wise responsibility was fixed for reporting	MO I/c	28 th February
3	Validation committee meeting was not happening	MOIC and CMS should ensure to conduct the validation committee meetings regularly	Validation committee members	Every Month
4	IPD Register was not available in BPHC Dahagwan	Register to be maintained	MOIC	Every month
5	Understanding issue regarding child health data element	BPM oriented on data element	NA	NA
6	Mismatch in summary register and source document at DWH	Fix responsibility to correctly count and match the source and summary register	CMS	31 st Jan 2018

DATA (UPHMIS/HMIS) QUALITY AUDIT REPORT 29-31st January 2018

With reference to the Government Order number 35/2017/303/पांच-9-2017-9(127)/12 dated 31st May 2017 and subsequently instruction from NHM vide letter number एस.पी.एम.यू./एन.एच.एम./एम० एण्ड ई०/2017-18/25/10539-2 dated 15th January 2018 for the improvement of data quality of HMIS/UPHMIS, 7 data quality audit team was constituted comprising of members from DGMH, DGFW, NHM and TSU.

All the members of the team were oriented and trained on 25th January 2018 by TSU, in close collaboration with NHM, on data element definition and methodology to conduct a data quality audit. In view of the same, 7 districts were identified (5 on random basis and 1 poor and good performing district each based on district ranking) and each visited by a team (table 1) from 29th to 31st January 2018 to conduct the data quality audit.

This report provides a brief summary of the visit and facility level action plan developed for each of the visited facilities for further improvement of data quality.

Table 1- Data Quality Audit Team

Team	Members Name	Department	Date of visit	Visiting District
Team 1	Dr. Rajesh Kumar (Joint Director)	DGMH	29-31 January	Baghpat
	Dr. Manju Rani	DGFW		
	Dr. Rais Ahmad-Consultant MH	NHM		
	Dr. Benson Thomas	UPTSU		
Team 2	Dr. Anand Agarwal- DGM RKSK	NHM	29-31 January	Badaun
	Mr. Yogendra – SNCU Software Coordinator	NHM		
	Mr. Sharikul Islam	UPTSU		
Team 3	Dr. Arpit Srivastava	NHM	29-31 January	Firozabad
	Ms. Charu Yadav	UPTSU		
Team 4	Mr. Kaushal Bhist (Div PM M&E)	SIFPSA	29-31 January	Pratapgarh
	Md. Azam Khan	NHM		
	Akshay Gupta	UPTSU		
Team 5	Akhilesh Srivastava-PC-FP	NHM	29-31 January	Ambedkar Nagar
	Mr Prahalad	UPTSU		
Team 6	Feroz Alam-RBSK	NHM	29-31 January	Kushinagar
	Mr Veneet PC-Ayush	NHM		
	Banoj	UPTSU		
Team 7	Mr. Yogeshwar Dayal	NHM	29-31 January	Hathras
	Nazir Haider	UPTSU		

- Each team visited 2 block facilities and 1 district hospital. In total, 21 facilities were visited (14 block facilities, 7 district hospitals)
- The table 2 below is summarizing the initial analysis based on the checklist filled during data quality audit
- Detailed district and facility wise analysis will be disseminated during de brief meeting.

Table 2: Summary of Data Quality Audit

Definitions:

- **% of blank-** Data elements with no reported numerical value in portal. (Left been blank)
- **% of matched-** Data elements whose reported value is matched with the value recorded in source document.

Data Element	% of Blank	% of Matched	% of Over Reported	% of Under Reported	% of Not applicable	% of Source document not available
HR	6	65	7	6	11	4
Training	10	35	2	4	0	49
Drugs and Supply	21	58	9	11	0	1
HMIS data elements	10	47	14	7	10	12
Child Health	18	24	3	2	5	48
JSSK program	25	33	9	6	0	27

- **% of over reported-** Reported value of the data element is greater than the value recorded in source document
- **% of under reported-** Reported value of the data element is less than the value recorded in source document
- **% of not applicable-** A few data elements which are not applicable for all type of facilities are defined here as "not applicable". For example, "availability of blood bank is only applicable for FRU"
- **% of source document not available-** Data elements whose source documents are not available at facility



राज्य स्वास्थ्य मिशन



UTTAR PRADESH
TECHNICAL SUPPORT UNIT

DATA QUALITY AUDIT FINDINGS

29-31 JAN 2018

Background

- 7 data audit teams were constituted comprising members from DG MH, DG FW, NHM and TSU
- Teams conducted audit in following 7 randomly selected districts from 29th to 31st January 2018
 - Kushinagar
 - Budaun
 - Baghpat
 - Pratapgarh
 - Firozabad
 - Ambedkarnagar
 - Hathras
- Each team have been visited 2 block facilities and 1 district hospital. Total 21 facilities were visited (14 block facilities, 7 district hospitals)
- Facility action plan is developed for each of the visited facility/district



Participation status of officials as per MD NHM's letter

Team	District	# of participants expected to participate	# of participants visited districts	Not participated
1	Baghpat	4	4	None
2	Budaun	3	3	None
3	Firozabad	3	2	Dr. Ajai Ghai, JD MCH
4	Pratapgarh	4	3	Dr. Ashwini Garg (ARO, D&E cell)
5	Ambednagar	3	2	Mr. D.K. Srivastava (ARO, D&E cell)
6	Kushinagar	4	3	Mr. Yogesh Kumar (ARO, D&E cell)
7	Hathras	3	2	Mr. A.K. Sharma (ARO, D&E cell)

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Data quality audit findings (N= 21 facilities , data element= 115)

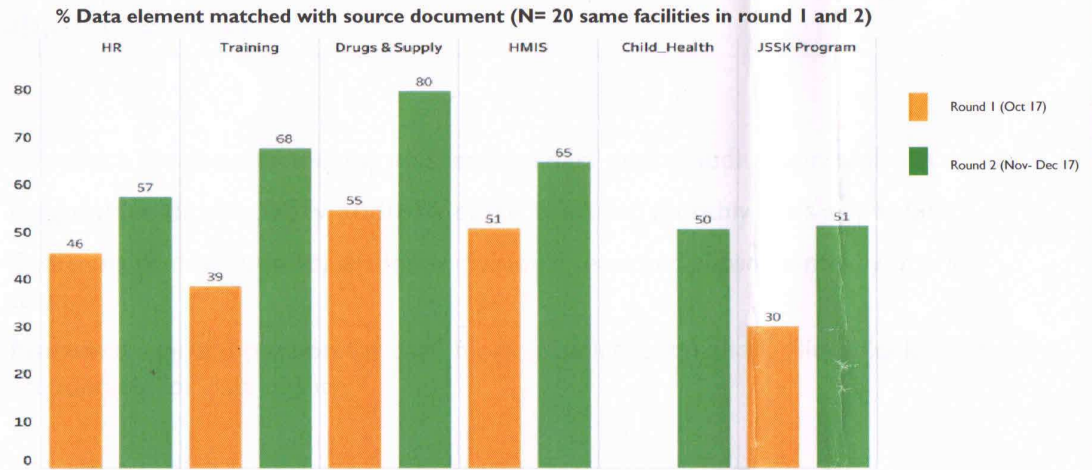
Data Element	% of data elements reported as blank (no value)	% of data elements matched with source document	% of data elements over reported	% of data elements under Reported	% of data elements for which source document not available
Human resource (27)	6	65	7	6	4
Training (19)	10	35	2	4	49
Drugs and Supply (23)	21	58	9	11	1
Maternal health & FP (21)	10	47	14	7	12
Child Health (11)	18	24	3	2	48
JSSK program (14)	25	33	9	6	27

Data quality audit findings- DH vs Block facility

Data Element	% of data elements matched with source document		% of data elements for which source document not available	
	District Hospital (7)	Block facility (14)	District Hospital (7)	Block facility (14)
Human resource (27)	58	69	0	7
Training (19)	50	28	43	53
Drugs and Supply (23)	65	54	4	0
Maternal health & FP (21)	63	39	8	15
Child Health (11)	29	21	43	51
JSSK program (14)	37	31	17	31

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Demonstration of effectiveness of data quality audit



UPTSU have conducted a pilot in 25 HPDs to assess the effectiveness of data quality audit

Support required

- **Conduct feedback meeting** to share the data quality audit findings/observations
- **Regularize data quality audit by state team** on monthly basis as per GO
- **Scale up of data quality audit** by divisional team and subsequently by district team
- **Nominate nodal person** for each block (district team) and facility (block team) accountable for data quality