



राज्य पोषण मिशन



UTTAR PRADESH
TECHNICAL SUPPORT UNIT

DISTRICT HEALTH RANKING

QUARTERLY HEALTH RANKING OF 75 DISTRICTS OF UTTAR PRADESH

Uttar Pradesh Technical Support Unit/IHAT





Purpose of District Health Ranking

- To measure relative performance of a district, in terms of composite health indicators, with respect to district with best performance (internal benchmarking)
- The composite health indicators is computed using a index which summarises number of outcome and data integrity indicators
- To help districts administration to identify the reasons for poor performance (availability? Quality ? OR utilization?) and help taking appropriate actions



Methodology of ranking system

- Covers **indicators from all critical domains of health** (Ante natal, Delivery, Immunization, Postnatal, Communicable disease,) across **coverage and quality**
- **Data quality indicators** have also considered to adjust the overall composite index by giving a separate weightage (20%)
- Indicators selected based on state priority and availability of reliable data from existing data sources (at least for 6 month) , Source: UPHMIS
- Ranking will be published on quarterly basis

List of 12 outcome indicators (1/3)

 Indicator with negative valence

| # | Domain | Indicator | Type | Data Source |
|----|-----------------|--|----------|-------------|
| 1a | Ante Natal | % of pregnant women received 4 or more ANC against estimated PW* | Coverage | UPHMIS/HMIS |
| 1b | Ante Natal | % of pregnant women tested for Hb for 4 or more times against estimated PW* | Quality | UPHMIS/HMIS |
| 1 | Ante Natal | % of pregnant women received 4 or more ANC and tested for Hb against estimated PW* | | UPHMIS/HMIS |
| 2 | Delivery care | % of pregnant women delivered in institution against estimated delivery* | Coverage | UPHMIS/HMIS |
| 3 | Delivery care | % of C-section delivery against reported delivery (70% weightage to CHC and 30% to DH) | Quality | UPHMIS/HMIS |
| 4 | Delivery care | Still birth ratio* per 1000 live birth | Quality | UPHMIS/HMIS |
| 5 | Post natal care | % of women receiving postpartum check within 48 hour of home delivery against reported delivery (Home +institutional)* | Coverage | UPHMIS/HMIS |
| 6 | Immunization | Ratio of Pentavalent 3 to BCG* | Quality | UPHMIS/HMIS |
| 7 | Immunization | % of children received full immunization (BCG, Penta 1, 2, 3, Measles)* | Coverage | MCTS |

List of 12 outcome indicators, (2/3)

| # | Domain | Indicator | Type | Data Source |
|----|----------------------|--|----------|-------------|
| 8 | Family Planning | % of eligible couple accepted limiting method (Minilap, Lap, PPS, PPAS, NSV) * | Coverage | UPHMIS/HMIS |
| 9 | Family Planning | % of eligible couple accepted spacing method (IUCD, PPIUCD, DMPA)* | Coverage | UPHMIS/HMIS |
| 10 | Communicable Disease | Total case notification rate of TB against expected TB cases | Quality | RNTCP MIS |
| 11 | Communicable Disease | % of PW screened for HIV against estimated pregnancy* | Coverage | UPHMIS/HMIS |
| 12 | Fund utilization | Per ASHA expenditure of ASHA incentive fund* | Coverage | NHM FMR |

List of 2 data integrity indicators, with 20% weight (3/3)

| # | Domain | Indicator | Data Source |
|---|--------------|---|-------------|
| 1 | Completeness | % of units reported non blank value (including zero) for the identified indicators of ranking | UPHMIS/HMIS |
| 2 | Consistency | % of units reported outlier for the identified indicators of ranking | UPHMIS/HMIS |

Key Results: Overall Ranking (April 18 – June 18)

| Category | Districts |
|------------------------------------|---|
| 5 Good Performing Districts | Gautam Buddha Nagar (1) Bagpat (2) Saharanpur (3) Ghaziabad (4) Etawah (5) |
| 5 Low Performing Districts | Deoria (71) Shrawasti (72) Lakhimpur Kheri (73) Kanpur Nagar (74) Ghazipur (75) |

Summary statistics of indicators

| # | Indicator | Mean | Std. Dev. | Min | Max |
|----|---|------|-----------|------|-------|
| 1a | % of pregnant women received 4 or more ANC against estimated PW | 38.6 | 11.2 | 12.4 | 77.0 |
| 1b | % of pregnant women tested for Hb for 4 or more times against estimated PW | 52.7 | 22.6 | 8.1 | 100.0 |
| 1 | % of pregnant women received 4 or more ANC and tested for Hb against estimated PW | 46.2 | 16.6 | 10.3 | 99.3 |
| 2 | % of pregnant women delivered in institution against estimated delivery | 51.1 | 9.9 | 27.2 | 75.6 |
| 3a | % of C-section delivery at DH against reported delivery | 13.6 | 15.7 | 0.0 | 88.0 |
| 3b | % of C-section delivery at CHC against reported delivery | 1.7 | 4.3 | 0.0 | 29.6 |
| 3 | % of C-section delivery against reported delivery at CHC & DH (70% weightage to CHC and 30% weightage to DH) | 5.3 | 5.6 | 0.0 | 26.4 |
| 4 | Still birth ratio | 14.8 | 6.6 | 1.9 | 33.7 |
| 5 | % of women receiving postpartum check within 48 hour of home delivery against reported delivery (Home +institutional) | 37.4 | 14.7 | 11.7 | 78.0 |
| 6 | Ratio of Pentavalent 3 to BCG | 1.1 | 0.2 | 0.8 | 1.8 |
| 7 | % of eligible couple accepted limiting method (Minilap, Lap, PPS, PPAS, NSV) | 0.1 | 0.1 | 0.0 | 0.3 |
| 8 | % of eligible couple accepted spacing method (IUCD, PPIUCD, DMPA) | 1.3 | 5.7 | 0.1 | 50.2 |
| 9 | Total case notification rate of TB against expected TB cases | 81.0 | 20.3 | 35.0 | 100.0 |
| 10 | % of PW screened for HIV against estimated pregnancy | 26.9 | 16.8 | 0.0 | 100.0 |
| 11 | % of children (9 month to 12 month) received full immunization in a quarter as per MCTS | 14.9 | 7.4 | 0.0 | 33.3 |
| 12 | Per ASHA expenditure of ASHA incentive fund (Apr-June 18) | 5697 | 1113 | 3077 | 8822 |

THANK YOU

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