

## Data collection tool

### Instructions:

- ✓ Please ensure accuracy and completeness in recording information. If a particular variable does not apply, mark it as "N/A" or "Not Applicable."
- ✓ Put X in corresponding ☐
- ✓ Write the corresponding answer to dedicated areas (.....)

| S/N                     | Variable                  | Data  |
|-------------------------|---------------------------|---|
| <b>SOCIODEMOGRAPHIC</b> |                           |   |
| 1                       | Education Level of Mother | <input type="checkbox"/> None (1)<br><input type="checkbox"/> Primary (2)<br><input type="checkbox"/> Secondary (3)<br><br>University (4)   |
| 2                       | Residency                 | <input type="checkbox"/> Rural (1)<br><input type="checkbox"/> Urban (2)  |
| 3                       | Age of Mother (years)     | <input type="checkbox"/> Below 19 (1)<br><input type="checkbox"/> 19–24 (2)<br><input type="checkbox"/> 25–29 (3)<br><input type="checkbox"/> 29–34 (4)<br><br>35 and above (5)   |
| 4                       | Delivery place            | <input type="checkbox"/> Home (1)<br><input type="checkbox"/> Health Post (2)<br><input type="checkbox"/> Health Center (3)<br><input type="checkbox"/> Ambulance (4)<br><input type="checkbox"/> Hospital (5)<br><br>Other: Specify..... (6) |
| <b>MATERNAL FACTORS</b> |                           |   |
| 5                       | Parity                    | <input type="checkbox"/> Primiparous (1)<br><input type="checkbox"/> Multiparous (2)  |
| 6                       | Multiple Birth            | <input type="checkbox"/> Yes (1)<br><input type="checkbox"/> No (2)   |
| 7                       | Gestation age             | <input type="checkbox"/> Above 42 weeks (1)<br><input type="checkbox"/> 37–42 weeks (2)<br><input type="checkbox"/> 34–36 weeks (3)<br><input type="checkbox"/> 28–33 weeks (4)   |

|   |                                     |  |
|---|-------------------------------------|--|
|   |                                     | <input type="checkbox"/> Below 28 weeks (5)  |
| <b>8</b>  | Antenatal care services             | <input type="checkbox"/> 3 and Above (1)<br><input type="checkbox"/> 1-2 (2)<br><input type="checkbox"/> None (2)  |
| <b>9</b>  | PROM                                | <input type="checkbox"/> Yes (1)<br><input type="checkbox"/> No (2)  |
| <b>10</b>   | If PROM, Duration of PROM           | <input type="checkbox"/> < 12 hours (1)<br><input type="checkbox"/> $\geq$ 12 hours (2)  |
| <b>11</b>   | If PROM, Antibiotic for prophylaxis | <input type="checkbox"/> Yes (1)<br><input type="checkbox"/> No (2)  |
| <b>12</b>   | Onset of labor                      | <input type="checkbox"/> Spontaneous (1)<br><input type="checkbox"/> Induced (2)<br><input type="checkbox"/> C/Section before onset (3)<br><input type="checkbox"/> Unknown (4)  |
| <b>13</b>   | Mode of delivery                    | <input type="checkbox"/> Normal(svd) (1)<br><input type="checkbox"/> Assisted (2)<br><input type="checkbox"/> Ceserean (3)   |
| <b>14</b>   | Steroids given during pregnancy     | <input type="checkbox"/> Yes (1)<br><input type="checkbox"/> No (2)<br><input type="checkbox"/> Not documented (3)<br><input type="checkbox"/> Not eligible (4)  |
| <b>15</b>   | Any comorbidities                   | <input type="checkbox"/> None (1)<br><input type="checkbox"/> HIV (2)<br><input type="checkbox"/> Hypertension (3)<br><input type="checkbox"/> Anemia (4)<br><input type="checkbox"/> DM (5)<br><input type="checkbox"/> STI (6)<br><input type="checkbox"/> Other, specify..... (7) |
| <b>FETAL CONDITION AND CASUSE OF NEONATAL ADMISSION IN NICU</b> |                                     |  |
| <b>16</b>   | Date of admission                   | ...../...../.....  |
| <b>17</b>   | Age of newborn at delivery          | <input type="checkbox"/> Post term (Above 42 weeks) (1)<br><input type="checkbox"/> Term (37-42 weeks) (2)<br><input type="checkbox"/> Preterm (32-36 weeks) (3)<br><input type="checkbox"/> Very preterm (Below 32 weeks) (4)   |
| <b>18</b>   | Temperature at admission            | <input type="checkbox"/> 36.5-37.5 (1)<br><input type="checkbox"/> Above 37.5 (2)<br><input type="checkbox"/> Below 36.5 (3)   |

|           |  |   |
|-----------|--|---|
| <b>19</b> | Causes of Neonatal admission           | <input type="checkbox"/> Prematurity<br><input type="checkbox"/> VLBW<br><input type="checkbox"/> LBW<br><input type="checkbox"/> Early ONS<br><input type="checkbox"/> Late ONS<br><input type="checkbox"/> Birth Asphyxia<br><input type="checkbox"/> Respiratory distress syndrome<br><input type="checkbox"/> Hypoglycemia<br><input type="checkbox"/> Neonatal Jaundice<br><input type="checkbox"/> Severe Birth Trauma<br><input type="checkbox"/> RVI Exposed<br><input type="checkbox"/> Congenital Malformation<br><input type="checkbox"/> Others*(Hep inf, anemia and NEC) |
| <b>20</b> | Age at Admission                       | <input type="checkbox"/> > 7 days<br><input type="checkbox"/> ≤7 days   |
| <b>21</b> | Gender                                 | <input type="checkbox"/> Male<br><input type="checkbox"/> Female  |
| <b>22</b> | Weight                                 | <input type="checkbox"/> ≥ 4500 mg<br><input type="checkbox"/> 2500-4500 mg<br><input type="checkbox"/> < 2500 mg   |
| <b>23</b> | Resuscitation at birth                 | <input type="checkbox"/> None<br><input type="checkbox"/> Stabilisation/Stimulation<br><input type="checkbox"/> Stimulation and Suction<br><input type="checkbox"/> Stimulation, Suction, Bag and mask<br><input type="checkbox"/> Until external cardiac massage   |
| <b>24</b> | Scored APGAR                           | <input type="checkbox"/> 1 <sup>st</sup> minute:<br><input type="checkbox"/> 5 <sup>th</sup> Minute:  |
| <b>25</b> | Breastfeed within 1 hr                 | <input type="checkbox"/> Yes<br><input type="checkbox"/> No   |
| <b>26</b> | Any hypothermia during hospitalisation | <input type="checkbox"/> Yes<br><input type="checkbox"/> No   |
| <b>27</b> | PNA                                    | <input type="checkbox"/> Yes<br><input type="checkbox"/> No   |
| <b>28</b> | Kangaroo Mother Care                   | <input type="checkbox"/> Yes<br><input type="checkbox"/> No   |
| <b>29</b> | Respiratory support                    | <input type="checkbox"/> No   |

|    |   |   |
|----|---|---|
|    |   | <input type="checkbox"/> CPAP<br><input type="checkbox"/> Ventilator<br><input type="checkbox"/> Both |
| 30 | Any neonatal infection during hospitalisation | <input type="checkbox"/> Yes<br><input type="checkbox"/> No   |
| 31 | If yes, is the antibiotics started on time    | <input type="checkbox"/> Yes<br><input type="checkbox"/> No   |

#### **OUTCOME AND CAUSE OF NEONATAL MORTALITY**

|    |  |  |
|----|--|--|
| 32 | Mode of Discharge                                | <input type="checkbox"/> Cured<br><input type="checkbox"/> Death<br><input type="checkbox"/> Escaped<br><input type="checkbox"/> Against the medical advice<br><input type="checkbox"/> Still hospitalised |
| 33 | Causes of neonatal mortality                     | <input type="checkbox"/> .....   |
| 34 | <b>Length of stay in hospital</b>                | <input type="checkbox"/> > 5 days<br><input type="checkbox"/> ≤ 5 days   |
| 35 | <b>Date of end of follow up</b>                  | <input type="checkbox"/> ...../.....20....   |
| 36 | <b>Status at 28<sup>th</sup> day after birth</b> | <input type="checkbox"/> Live<br><input type="checkbox"/> Dead   |

Data collector:.....