

Supplemental Table. The Robson reporting table and neonatal outcomes by Robson group, PCMH Hospital, Sierra Leone, October 2020 – January 2021 (n = 1998)

| GROUP* | N. of women in the group | Number of CS in the group | Group size (%) | Group CS rate (%) | Absolute group contribution to overall CS rate (%) | Relative contribution of group to overall CS rate (%) | Maternal Death (N death woman/live births (%)) | Livebirth (N livebirths/total deliveries in the group (%)) | Fresh Stillbirth (N Fresh stillbirths/total deliveries in the group (%)) | Macerated Stillbirth (N Macerated stillbirth/total deliveries in the group (%)) | Early Neonatal Death**† (N neonatal deaths/total deliveries (%)) | APGAR <7 at 5 minutes (N live birth Apgar <7/total live birth (%)) |
|----------------|--------------------------|---------------------------|----------------|-------------------|--|---|--|--|--|---|--|--|
| 1 | 559 | 238 | 28.0 | 42.6 | 11.9 | 24.0 | 1 (0.05) | 536 (95.9) | 18 (3.2) | 2 (0.4) | 3 (0.5) | 83 (15.5) |
| 2 | 71 | 58 | 3.6 | 81.7 | 2.9 | 5.9 | 0 | 59 (83.1) | 12 (16.9) | - | - | 10 (16.9) |
| 2:00 AM | 19 | 6 | 1.0 | 31.6 | 0.3 | 0.6 | 0 | 13 (68.4) | 6 (31.6) | - | - | 3 (23.1) |
| 2 b | 52 | 52 | 2.6 | 100 | 2.6 | 5.2 | 0 | 46 (88.5) | 6 (11.5) | - | - | 7 (15.2) |
| 3 | 763 | 249 | 38.2 | 32.6 | 12.5 | 25.1 | 2 | 718 (94.1) | 35 (4.6) | 6 (0.8) | 4 (0.5) | 101 (14.1) |
| 4 | 80 | 63 | 4.0 | 78.8 | 3.2 | 6.4 | 1 (0.05) | 69 (86.3) | 10 (12.5) | 1 (1.3) | - | 17 (24.6) |
| 4:00 AM | 24 | 7 | 1.2 | 29.2 | 0.4 | 0.7 | 0 | 19 (79.2) | 5 (20.8) | - | - | 6 (31.6) |
| 4 b | 56 | 56 | 2.8 | 100 | 2.8 | 5.6 | 1 (0.05) | 50 (89.3) | 5 (8.9) | 1 (1.8) | - | 11 (22.0) |
| 5 | 171 | 163 | 8.6 | 95.3 | 8.2 | 16.4 | 0 | 165 (96.5) | 6 (3.5) | - | - | 15 (9.1) |
| 6 | 46 | 33 | 2.3 | 71.7 | 1.7 | 3.3 | 0 | 38 (82.6) | 7 (15.2) | - | 1 (2.2) | 14 (36.8) |
| 7 | 58 | 40 | 2.9 | 69.0 | 2.0 | 4.0 | 0 | 51 (87.9) | 6 (10.3) | 1 (1.7) | - | 18 (35.3) |
| 8 | 99 | 66 | 4.9 | 66.7 | 3.3 | 6.7 | 2 (0.1) | 93 (93.9) | 5 (5.1) | 1 (1.0) | - | 10 (10.8) |
| 9 | 21 | 20 | 1.0 | 95.2 | 1.0 | 2.0 | 0 | 20 (95.2) | 1 (4.8) | - | - | 3 (15.0) |
| 10 | 107 | 54 | 5.4 | 50.5 | 2.7 | 5.4 | 3 (0.1) | 71 (66.4) | 33 (30.8) | 3 (2.8) | - | 22 (31.0) |
| Unclassifiable | 23 | 8 | 1.1 | 34.8 | 0.4 | 0.8 | Missing | 18 (78.3) | Missing | Missing | Missing | 1 (5.6) |
| TOT | 1998 | 992 | 100 | 49.6 | 49.6 | 100 | 9 (0.5) | 1838 (92.0) | 133 (6.7) | 14 (0.7) | 8 (0.4) | 294 (16.0) |

*Birth weight ≥ 2500 g was used as proxy for gestational age >37 weeks

**Early neonatal death was defined as the death of a live born neonate by discharge or day 7 of life (whichever occurred first)

CS. caesarean section

Group size (%) = n of women in the group / total N women delivered in the hospital x 100

Group CS rate (%) = n of CS in the group / total N of women in the group x 100

Absolute contribution (%) = n of CS in the group / total N of women delivered in the hospital x 100

Relative contribution (%) = n of CS in the group / total N of CS in the hospital x 100