### Differences in Maternal and Neonatal Characteristics between Hospitals in Suriname (2016-2017)

|                      | I n = [%] | II n = [%] | III n = [%] | IV n = [%] | V n = [%] | p value |
|----------------------|-----------|------------|------------|------------|-----------|---------|
| Deliveries          | 4380 (23.9) | 5070 (27.7) | 5089 (27.8) | 3034 (16.6) | 717 (3.9) | <0.05   |
| 2016                 | 2272 (24.7) | 2418 (26.3) | 2633 (28.6) | 1531 (16.6) | 348 (3.8) |         |
| 2017                 | 2108 (23.2) | 2652 (29.2) | 2456 (27.0) | 1503 (16.5) | 369 (4.1) |         |
| **Teenage pregnancy** |           |            |            |            |           |         |
| < 20 years           | 782 (17.9) | 567 (11.2) | 835 (16.4) | 222 (7.3)  | 112 (15.9) | <0.05   |
| 20 – 35 years        | 3165 (72.6) | 3762 (74.2) | 3728 (73.3) | 2446 (80.7) | 545 (77.4) |         |
| ≥ 36 years           | 414 (9.5)  | 741 (14.6) | 522 (10.3) | 363 (12.0) | 47 (6.7)  |         |
| **Ethnicity**        |           |            |            |            |           |         |
| Maroon               | 1758 (41.9) | 1254 (24.8) | 1746 (34.4) | 189 (6.5)  | 3 (0.4)   |         |
| Creole               | 1138 (27.1) | 1342 (26.6) | 1078 (21.2) | 614 (20.9) | 45 (6.5)  |         |
| Hindustani           | 700 (16.7)  | 940 (18.5)  | 808 (15.9)  | 554 (18.3) | 393 (54.8)|         |
| Mixed                | 168 (4.0)   | 654 (12.9)  | 735 (14.5)  | 579 (17.7) | 117 (16.8)|         |
| Javanese             | 251 (6.0)   | 605 (12.0)  | 422 (8.3)   | 594 (20.2) | 76 (10.9) | <0.05   |
| Inheems              | 166 (4.0)   | 170 (3.4)   | 247 (4.9)   | 54 (1.8)   | 45 (6.5)  |         |
| Chines               | 14 (0.3)    | 62 (1.2)    | 29 (0.6)    | 260 (8.8)  | 16 (2.3)  |         |
| Other                | 1 (0.0)     | 25 (0.5)    | 14 (0.3)    | 96 (3.3)   | 1 (0.1)   |         |
| **Parity**           |           |            |            |            |           |         |
| 0                    | 1226 (28.1) | 1942 (38.7) | 1502 (29.5) | 1295 (42.7) | 278 (38.8)|         |
| 1 – 3                | 2333 (53.4) | 2470 (49.2) | 2770 (54.5) | 1598 (52.7) | 382 (53.4)|         |
| ≥ 4                  | 810 (18.5)  | 609 (12.1)  | 815 (16.0)  | 138 (4.6)  | 56 (7.8)  | <0.05   |
| **Anaemia**          |           |            |            |            |           |         |
| Moderate             | 1612 (45.9) | N/A        | N/A        | 728 (31.1) | N/A       | <0.05   |
| Severe               | 138 (3.9)   | N/A        | N/A        | 15 (0.5)   | N/A       |         |
| **Mode of delivery** |           |            |            |            |           | <0.05   |
| Spontaneous          | 3595 (82.1) | 3835 (75.6) | 3733 (73.4) | 1933 (63.7) | 554 (77.3)|         |
| Vacuum               | 12 (0.3)    | 135 (2.7)   | 44 (0.9)    | 2 (0.1)    | 38 (5.3)  |         |
| Cesarean             | 773 (17.6)  | 1100 (21.7) | 1312 (25.8) | 1099 (36.2) | 125 (17.4)| <0.05   |
| **Post partum hemorrhage** | 0.0      |            |            |            |           |         |
| 500 - 999 mL         | 204 (4.9)   | 253 (5.3)   | 412 (9.6)   | 108 (4.4)  | 54 (8.1)  |         |
| ≥ 1000 mL            | 59 (1.4)    | 67 (1.4)    | 90 (2.1)    | 24 (1.0)   | 16 (2.4)  | <0.05   |
| **Gestational age**  |           |            |            |            |           |         |
| < 28 weeks           | 113 (2.6)   | 44 (0.9)    | 39 (0.8)    | 15 (0.5)   | 6 (0.8)   | <0.05   |
| 32 – 36 weeks        | 669 (15.4)  | 515 (10.2)  | 729 (14.6)  | 327 (10.8) | 72 (10.1) | <0.05   |
| ≥ 37 weeks           | 3558 (82.0) | 4484 (88.9) | 4218 (84.6) | 2673 (88.7) | 636 (89.1)|         |
| **Total babies born**| 4444       | 5138       | 5147       | 3058       | 717       |         |
| Live Births          | 4281 (96.3) | 5048 (98.2) | 5052 (98.2) | 3031 (99.1) | 705 (98.3)| <0.05   |
| Stillbirths ≥ 22 weeks or 1000 g | 163 (3.7) | 90 (1.8)   | 94 (1.8)   | 27 (0.9)   | 12 (1.7)  |         |
| **Birth weight**     |           |            |            |            |           | <0.05   |
| < 2500 grams         | 917 (20.8)  | 625 (12.3)  | 789 (15.3)  | 344 (11.3) | 99 (13.8) |         |
| 2500 – 4000 grams    | 3373 (76.7) | 4296 (84.3) | 4234 (82.3) | 2580 (84.7) | 586 (82.0)| <0.05   |
| ≥ 4000 grams         | 109 (2.5)   | 176 (3.5)   | 120 (2.3)   | 123 (4.0)  | 30 (4.2)  |         |
| **APGAR score 5 minutes** |          |            |            |            |           | <0.05   |
| Below 7              | 273 (6.3)   | 164 (3.2)   | 133 (3.5)   | 48 (1.7)   | 30 (4.2)  |         |
| Stillbirths ≥ 28 weeks |           |            |            |            |           |         |
| n                    | 109        | 69         | 74         | 22         | 11        |         |
| SBR per 1000 births  | 25.6       | 13.7       | 14.7       | 7.3        | 15.5      | <0.05   |
| **Maternal deaths**  |           |            |            |            |           | <0.05   |
| n                    | 8          | 3          | 4          | 5          | -         |         |
| MMR par 100,000 live births a b c | 186.9 | 59.4 | 79.1 | 165.0 | - | <0.05 |

1 SBR: stillbirth rate = per 1000 births; ≥ 28 weeks or ≥ 1000 grams
2 MMR: maternal mortality rate, maternal deaths per 100,000 live births (8.8), hospital is location of death, n=5 occurred at home or in primary health care services.
3 Maternal deaths: one death in hospital I was a delivery from hospital II and one was a home delivery, one death in hospital II died during transport to the hospital, one death in hospital IV was a woman who gave childbirth in hospital I.